

117TH CONGRESS  
1ST SESSION

# S. 1953

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

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## IN THE SENATE OF THE UNITED STATES

MAY 27, 2021

Mr. CARPER (for himself, Mrs. CAPITO, Mr. CARDIN, and Mr. CRAMER) introduced the following bill; which was read twice and referred to the Committee on Environment and Public Works

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## A BILL

To amend title 23, United States Code, to authorize funds for Federal-aid highways and highway safety construction programs, 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; TABLE OF CONTENTS.**

4 (a) **SHORT TITLE.**—This Act may be cited as the  
5 “Surface Transportation Reauthorization Act of 2021”.

6 (b) **TABLE OF CONTENTS.**—The table of contents for  
7 this Act is as follows:

Sec. 1. Short title; table of contents.

Sec. 2. Definitions.

Sec. 3. Effective date.

## TITLE I—FEDERAL-AID HIGHWAYS

## Subtitle A—Authorizations and Programs

- Sec. 1101. Authorization of appropriations.
- Sec. 1102. Obligation ceiling.
- Sec. 1103. Definitions.
- Sec. 1104. Apportionment.
- Sec. 1105. National highway performance program.
- Sec. 1106. Emergency relief.
- Sec. 1107. Federal share payable.
- Sec. 1108. Railway-highway grade crossings.
- Sec. 1109. Surface transportation block grant program.
- Sec. 1110. Nationally significant freight and highway projects.
- Sec. 1111. Highway safety improvement program.
- Sec. 1112. Federal lands transportation program.
- Sec. 1113. Federal lands access program.
- Sec. 1114. National highway freight program.
- Sec. 1115. Congestion mitigation and air quality improvement program.
- Sec. 1116. Alaska Highway.
- Sec. 1117. Toll roads, bridges, tunnels, and ferries.
- Sec. 1118. Bridge investment program.
- Sec. 1119. Safe routes to school.
- Sec. 1120. Highway use tax evasion projects.
- Sec. 1121. Construction of ferry boats and ferry terminal facilities.
- Sec. 1122. Vulnerable road user research.
- Sec. 1123. Wildlife crossing safety.
- Sec. 1124. Consolidation of programs.
- Sec. 1125. State freight advisory committees.
- Sec. 1126. Territorial and Puerto Rico highway program.
- Sec. 1127. Nationally significant Federal lands and Tribal projects program.
- Sec. 1128. Tribal high priority projects program.
- Sec. 1129. Standards.
- Sec. 1130. Public transportation.
- Sec. 1131. Rural opportunities to use transportation for economic success council.
- Sec. 1132. Reservation of certain funds.
- Sec. 1133. Rural surface transportation grant program.
- Sec. 1134. Bicycle transportation and pedestrian walkways.
- Sec. 1135. Recreational trails program.
- Sec. 1136. Updates to Manual on Uniform Traffic Control Devices.

## Subtitle B—Planning and Performance Management

- Sec. 1201. Transportation planning.
- Sec. 1202. Fiscal constraint on long-range transportation plans.
- Sec. 1203. State human capital plans.
- Sec. 1204. Prioritization process pilot program.
- Sec. 1205. Travel demand data and modeling.
- Sec. 1206. Increasing safe and accessible transportation options.

## Subtitle C—Project Delivery and Process Improvement

- Sec. 1301. Codification of One Federal Decision.
- Sec. 1302. Work zone process reviews.
- Sec. 1303. Transportation management plans.

- Sec. 1304. Intelligent transportation systems.
- Sec. 1305. Alternative contracting methods.
- Sec. 1306. Flexibility for projects.
- Sec. 1307. Improved Federal-State stewardship and oversight agreements.
- Sec. 1308. Geomatic data.
- Sec. 1309. Evaluation of projects within an operational right-of-way.
- Sec. 1310. Preliminary engineering.
- Sec. 1311. Efficient implementation of NEPA for Federal land management projects.
- Sec. 1312. National Environmental Policy Act of 1969 reporting program.
- Sec. 1313. Surface transportation project delivery program written agreements.
- Sec. 1314. State assumption of responsibility for categorical exclusions.
- Sec. 1315. Early utility relocation prior to transportation project environmental review.
- Sec. 1316. Streamlining of section 4(f) reviews.
- Sec. 1317. Categorical exclusion for projects of limited Federal assistance.
- Sec. 1318. Certain gathering lines located on Federal land and Indian land.
- Sec. 1319. Annual report.

#### Subtitle D—Climate Change

- Sec. 1401. Grants for charging and fueling infrastructure.
- Sec. 1402. Reduction of truck emissions at port facilities.
- Sec. 1403. Carbon reduction program.
- Sec. 1404. Congestion relief program.
- Sec. 1405. Freight plans.
- Sec. 1406. Promoting Resilient Operations for Transformative, Efficient, and Cost-saving Transportation (PROTECT) program.
- Sec. 1407. Healthy Streets program.

#### Subtitle E—Miscellaneous

- Sec. 1501. Additional deposits into Highway Trust Fund.
- Sec. 1502. Stopping threats on pedestrians.
- Sec. 1503. Transfer and sale of toll credits.
- Sec. 1504. Study of impacts on roads from self-driving vehicles.
- Sec. 1505. Disaster relief mobilization study.
- Sec. 1506. Appalachian Regional Commission.
- Sec. 1507. Denali Commission.
- Sec. 1508. Requirements for transportation projects carried out through public-private partnerships.
- Sec. 1509. Reconnecting communities pilot program.
- Sec. 1510. Cybersecurity tool; cyber coordinator.
- Sec. 1511. Report on emerging alternative fuel vehicles and infrastructure.
- Sec. 1512. Nonhighway recreational fuel study.
- Sec. 1513. Buy America.
- Sec. 1514. High priority corridors on the National Highway System.
- Sec. 1515. Interstate weight limits.
- Sec. 1516. Report on air quality improvements.
- Sec. 1517. Roadside highway safety hardware.
- Sec. 1518. Permeable pavements study.
- Sec. 1519. Emergency relief projects.
- Sec. 1520. Study on stormwater best management practices.
- Sec. 1521. Stormwater best management practices reports.
- Sec. 1522. Invasive plant elimination program.
- Sec. 1523. Over-the-road bus tolling equity.

- Sec. 1524. Bridge terminology.
- Sec. 1525. Technical corrections.
- Sec. 1526. Working group on covered resources.
- Sec. 1527. Blood transport vehicles.
- Sec. 1528. Pollinator-friendly practices on roadsides and highway rights-of-way.
- Sec. 1529. Active transportation infrastructure investment program.

TITLE II—TRANSPORTATION INFRASTRUCTURE FINANCE AND  
INNOVATION

- Sec. 2001. Transportation Infrastructure Finance and Innovation Act of 1998 amendments.

TITLE III—RESEARCH, TECHNOLOGY, AND EDUCATION

- Sec. 3001. Strategic innovation for revenue collection.
- Sec. 3002. National motor vehicle per-mile user fee pilot.
- Sec. 3003. Performance management data support program.
- Sec. 3004. Data integration pilot program.
- Sec. 3005. Emerging technology research pilot program.
- Sec. 3006. Research and technology development and deployment.
- Sec. 3007. Workforce development, training, and education.
- Sec. 3008. Wildlife-vehicle collision research.
- Sec. 3009. Transportation Resilience and Adaptation Centers of Excellence.
- Sec. 3010. Transportation access pilot program.

TITLE IV—INDIAN AFFAIRS

- Sec. 4001. Definition of Secretary.
- Sec. 4002. Environmental reviews for certain tribal transportation facilities.
- Sec. 4003. Programmatic agreements for tribal categorical exclusions.
- Sec. 4004. Use of certain tribal transportation funds.
- Sec. 4005. Bureau of Indian Affairs road maintenance program.
- Sec. 4006. Study of road maintenance on Indian land.
- Sec. 4007. Maintenance of certain Indian reservation roads.
- Sec. 4008. Tribal transportation safety needs.
- Sec. 4009. Office of Tribal Government Affairs.

**1 SEC. 2. DEFINITIONS.**

**2** In this Act:

**3** (1) DEPARTMENT.—The term “Department”  
**4** means the Department of Transportation.

**5** (2) SECRETARY.—The term “Secretary” means  
**6** the Secretary of Transportation.

**7 SEC. 3. EFFECTIVE DATE.**

**8** This Act and the amendments made by this Act take  
**9** effect on October 2, 2021.

1                   **TITLE I—FEDERAL-AID**  
2                                   **HIGHWAYS**  
3           **Subtitle A—Authorizations and**  
4                                   **Programs**

5 **SEC. 1101. AUTHORIZATION OF APPROPRIATIONS.**

6           (a) **IN GENERAL.**—The following amounts are au-  
7 thORIZED to be appropriated out of the Highway Trust  
8 Fund (other than the Mass Transit Account):

9                   (1) **FEDERAL-AID HIGHWAY PROGRAM.**—For  
10 the national highway performance program under  
11 section 119 of title 23, United States Code, the sur-  
12 face transportation block grant program under sec-  
13 tion 133 of that title, the highway safety improve-  
14 ment program under section 148 of that title, the  
15 congestion mitigation and air quality improvement  
16 program under section 149 of that title, the national  
17 highway freight program under section 167 of that  
18 title, the carbon reduction program under section  
19 175 of that title, to carry out subsection (c) of the  
20 PROTECT program under section 176 of that title,  
21 and to carry out section 134 of that title—

22                                   (A) \$52,488,065,375 for fiscal year 2022;

23                                   (B) \$53,537,826,683 for fiscal year 2023;

24                                   (C) \$54,608,583,217 for fiscal year 2024;

1 (D) \$55,700,754,881 for fiscal year 2025;

2 and

3 (E) \$56,814,769,844 for fiscal year 2026.

4 (2) TRANSPORTATION INFRASTRUCTURE FI-  
5 NANCE AND INNOVATION PROGRAM.—For credit as-  
6 sistance under the transportation infrastructure fi-  
7 nance and innovation program under chapter 6 of  
8 title 23, United States Code, \$250,000,000 for each  
9 of fiscal years 2022 through 2026.

10 (3) FEDERAL LANDS AND TRIBAL TRANSPOR-  
11 TATION PROGRAMS.—

12 (A) TRIBAL TRANSPORTATION PRO-  
13 GRAM.—For the tribal transportation program  
14 under section 202 of title 23, United States  
15 Code—

16 (i) \$578,460,000 for fiscal year 2022;

17 (ii) \$589,960,000 for fiscal year 2023;

18 (iii) \$602,460,000 for fiscal year  
19 2024;

20 (iv) \$612,960,000 for fiscal year  
21 2025; and

22 (v) \$627,960,000 for fiscal year 2026.

23 (B) FEDERAL LANDS TRANSPORTATION  
24 PROGRAM.—

1 (i) IN GENERAL.—For the Federal  
2 lands transportation program under sec-  
3 tion 203 of title 23, United States Code—

4 (I) \$421,965,000 for fiscal year  
5 2022;

6 (II) \$429,965,000 for fiscal year  
7 2023;

8 (III) \$438,965,000 for fiscal year  
9 2024;

10 (IV) \$447,965,000 for fiscal year  
11 2025; and

12 (V) \$455,965,000 for fiscal year  
13 2026.

14 (ii) ALLOCATION.—Of the amount  
15 made available for a fiscal year under  
16 clause (i)—

17 (I) the amount for the National  
18 Park Service is—

19 (aa) \$332,427,450 for fiscal  
20 year 2022;

21 (bb) \$338,867,450 for fiscal  
22 year 2023;

23 (cc) \$346,237,450 for fiscal  
24 year 2024;

1 (dd) \$353,607,450 for fiscal  
2 year 2025; and

3 (ee) \$360,047,450 for fiscal  
4 year 2026;

5 (II) the amount for the United  
6 States Fish and Wildlife Service is  
7 \$36,000,000 for each of fiscal years  
8 2022 through 2026; and

9 (III) the amount for the Forest  
10 Service is—

11 (aa) \$24,000,000 for fiscal  
12 year 2022;

13 (bb) \$25,000,000 for fiscal  
14 year 2023;

15 (cc) \$26,000,000 for fiscal  
16 year 2024;

17 (dd) \$27,000,000 for fiscal  
18 year 2025; and

19 (ee) \$28,000,000 for fiscal  
20 year 2026.

21 (C) FEDERAL LANDS ACCESS PROGRAM.—

22 For the Federal lands access program under  
23 section 204 of title 23, United States Code—

24 (i) \$285,975,000 for fiscal year 2022;

25 (ii) \$291,975,000 for fiscal year 2023;



1 (iii) \$296,975,000 for fiscal year  
2 2024;

3 (iv) \$303,975,000 for fiscal year  
4 2025; and

5 (v) \$308,975,000 for fiscal year 2026.

6 (4) TERRITORIAL AND PUERTO RICO HIGHWAY  
7 PROGRAM.—For the territorial and Puerto Rico  
8 highway program under section 165 of title 23,  
9 United States Code—

10 (A) \$219,000,000 for fiscal year 2022;

11 (B) \$224,000,000 for fiscal year 2023;

12 (C) \$228,000,000 for fiscal year 2024;

13 (D) \$232,500,000 for fiscal year 2025;

14 and

15 (E) \$237,000,000 for fiscal year 2026.

16 (5) NATIONALLY SIGNIFICANT FREIGHT AND  
17 HIGHWAY PROJECTS.—For nationally significant  
18 freight and highway projects under section 117 of  
19 title 23, United States Code—

20 (A) \$1,000,000,000 for fiscal year 2022;

21 (B) \$1,000,000,000 for fiscal year 2023;

22 (C) \$1,000,000,000 for fiscal year 2024;

23 (D) \$900,000,000 for fiscal year 2025;

24 and

25 (E) \$900,000,000 for fiscal year 2026.

1 (b) OTHER PROGRAMS.—

2 (1) IN GENERAL.—The following amounts are  
3 authorized to be appropriated out of the Highway  
4 Trust Fund (other than the Mass Transit Account):

5 (A) BRIDGE INVESTMENT PROGRAM.—To  
6 carry out the bridge investment program under  
7 section 124 of title 23, United States Code—

8 (i) \$600,000,000 for fiscal year 2022;

9 (ii) \$640,000,000 for fiscal year 2023;

10 (iii) \$650,000,000 for fiscal year  
11 2024;

12 (iv) \$675,000,000 for fiscal year  
13 2025; and

14 (v) \$700,000,000 for fiscal year 2026.

15 (B) CONGESTION RELIEF PROGRAM.—To  
16 carry out the congestion relief program under  
17 section 129(d) of title 23, United States Code,  
18 \$50,000,000 for each of fiscal years 2022  
19 through 2026.

20 (C) CHARGING AND FUELING INFRASTRUC-  
21 TURE GRANTS.—To carry out section 151(f) of  
22 title 23, United States Code—

23 (i) \$300,000,000 for fiscal year 2022;

24 (ii) \$400,000,000 for fiscal year 2023;

1 (iii) \$500,000,000 for fiscal year  
2 2024;

3 (iv) \$600,000,000 for fiscal year  
4 2025; and

5 (v) \$700,000,000 for fiscal year 2026.

6 (D) RURAL SURFACE TRANSPORTATION  
7 GRANT PROGRAM.—To carry out the rural sur-  
8 face transportation grant program under sec-  
9 tion 173 of title 23, United States Code—

10 (i) \$300,000,000 for fiscal year 2022;

11 (ii) \$350,000,000 for fiscal year 2023;

12 (iii) \$400,000,000 for fiscal year  
13 2024;

14 (iv) \$450,000,000 for fiscal year  
15 2025; and

16 (v) \$500,000,000 for fiscal year 2026.

17 (E) PROTECT GRANTS.—

18 (i) IN GENERAL.—To carry out sub-  
19 section (d) of the PROTECT program  
20 under section 176 of title 23, United  
21 States Code, for each of fiscal years 2022  
22 through 2026—

23 (I) \$250,000,000 for fiscal year  
24 2022;

1 (II) \$250,000,000 for fiscal year  
2 2023;

3 (III) \$300,000,000 for fiscal year  
4 2024;

5 (IV) \$300,000,000 for fiscal year  
6 2025; and

7 (V) \$300,000,000 for fiscal year  
8 2026.

9 (ii) ALLOCATION.—Of the amounts  
10 made available under clause (i)—

11 (I) for planning grants under  
12 paragraph (3) of that subsection—

13 (aa) \$25,000,000 for fiscal  
14 year 2022;

15 (bb) \$25,000,000 for fiscal  
16 year 2023;

17 (cc) \$30,000,000 for fiscal  
18 year 2024;

19 (dd) \$30,000,000 for fiscal  
20 year 2025; and

21 (ee) \$30,000,000 for fiscal  
22 year 2026;

23 (II) for resilience improvement  
24 grants under paragraph (4)(A) of that  
25 subsection—

- 1 (aa) \$175,000,000 for fiscal
- 2 year 2022;
- 3 (bb) \$175,000,000 for fiscal
- 4 year 2023;
- 5 (cc) \$210,000,000 for fiscal
- 6 year 2024;
- 7 (dd) \$210,000,000 for fiscal
- 8 year 2025; and
- 9 (ee) \$210,000,000 for fiscal
- 10 year 2026;
- 11 (III) for community resilience
- 12 and evacuation route grants under
- 13 paragraph (4)(B) of that subsection—
- 14 (aa) \$25,000,000 for fiscal
- 15 year 2022;
- 16 (bb) \$25,000,000 for fiscal
- 17 year 2023;
- 18 (cc) \$30,000,000 for fiscal
- 19 year 2024;
- 20 (dd) \$30,000,000 for fiscal
- 21 year 2025; and
- 22 (ee) \$30,000,000 for fiscal
- 23 year 2026; and

1 (IV) for at-risk coastal infra-  
2 structure grants under paragraph  
3 (4)(C) of that subsection—

4 (aa) \$25,000,000 for fiscal  
5 year 2022;

6 (bb) \$25,000,000 for fiscal  
7 year 2023;

8 (cc) \$30,000,000 for fiscal  
9 year 2024;

10 (dd) \$30,000,000 for fiscal  
11 year 2025; and

12 (ee) \$30,000,000 for fiscal  
13 year 2026.

14 (F) REDUCTION OF TRUCK EMISSIONS AT  
15 PORT FACILITIES.—

16 (i) IN GENERAL.—To carry out the  
17 reduction of truck emissions at port facili-  
18 ties under section 1402, \$50,000,000 for  
19 each of fiscal years 2022 through 2026.

20 (ii) TREATMENT.—Amounts made  
21 available under clause (i) shall be available  
22 for obligation in the same manner as if  
23 those amounts were apportioned under  
24 chapter 1 of title 23, United States Code.

1 (G) NATIONALLY SIGNIFICANT FEDERAL  
2 LANDS AND TRIBAL PROJECTS.—

3 (i) IN GENERAL.—To carry out the  
4 nationally significant Federal lands and  
5 tribal projects program under section 1123  
6 of the FAST Act (23 U.S.C. 201 note;  
7 Public Law 114–94), \$55,000,000 for each  
8 of fiscal years 2022 through 2026.

9 (ii) TREATMENT.—Amounts made  
10 available under clause (i) shall be available  
11 for obligation in the same manner as if  
12 those amounts were apportioned under  
13 chapter 1 of title 23, United States Code.

14 (2) GENERAL FUND.—

15 (A) BRIDGE INVESTMENT PROGRAM.—

16 (i) IN GENERAL.—In addition to  
17 amounts made available under paragraph  
18 (1)(A), there are authorized to be appro-  
19 priated to carry out the bridge investment  
20 program under section 124 of title 23,  
21 United States Code—

22 (I) \$600,000,000 for fiscal year  
23 2022;

24 (II) \$640,000,000 for fiscal year  
25 2023;

1 (III) \$650,000,000 for fiscal year  
2 2024;

3 (IV) \$675,000,000 for fiscal year  
4 2025; and

5 (V) \$700,000,000 for fiscal year  
6 2026.

7 (ii) ALLOCATION.—Amounts made  
8 available under clause (i) shall be allocated  
9 in the same manner as if made available  
10 under paragraph (1)(A).

11 (B) NATIONALLY SIGNIFICANT FEDERAL  
12 LANDS AND TRIBAL PROJECTS PROGRAM.—In  
13 addition to amounts made available under para-  
14 graph (1)(G), there is authorized to be appro-  
15 priated to carry out section 1123 of the FAST  
16 Act (23 U.S.C. 201 note; Public Law 114–94)  
17 \$300,000,000 for each of fiscal years 2022  
18 through 2026.

19 (C) HEALTHY STREETS PROGRAM.—There  
20 is authorized to be appropriated to carry out  
21 the Healthy Streets program under section  
22 1407 \$100,000,000 for each of fiscal years  
23 2022 through 2026.

24 (D) TRANSPORTATION RESILIENCE AND  
25 ADAPTATION CENTERS OF EXCELLENCE.—



1           There is authorized to be appropriated to carry  
2           out section 520 of title 23, United States Code,  
3           \$100,000,000 for each of fiscal years 2022  
4           through 2026.

5           (E) OPEN CHALLENGE AND RESEARCH  
6           PROPOSAL PILOT PROGRAM.—There is author-  
7           ized to be appropriated to carry out the open  
8           challenge and research proposal pilot program  
9           under section 3006(e) \$15,000,000 for each of  
10          fiscal years 2022 through 2026.

11          (c) RESEARCH, TECHNOLOGY, AND EDUCATION AU-  
12          THORIZATIONS.—

13           (1) IN GENERAL.—The following amounts are  
14           authorized to be appropriated out of the Highway  
15           Trust Fund (other than the Mass Transit Account):

16           (A) HIGHWAY RESEARCH AND DEVELOP-  
17           MENT PROGRAM.—To carry out section 503(b)  
18           of title 23, United States Code, \$147,000,000  
19           for each of fiscal years 2022 through 2026.

20           (B) TECHNOLOGY AND INNOVATION DE-  
21           PLOYMENT PROGRAM.—To carry out section  
22           503(c) of title 23, United States Code,  
23           \$110,000,000 for each of fiscal years 2022  
24           through 2026.

1 (C) TRAINING AND EDUCATION.—To carry  
2 out section 504 of title 23, United States  
3 Code—

4 (i) \$25,000,000 for fiscal year 2022;

5 (ii) \$25,250,000 for fiscal year 2023;

6 (iii) \$25,500,000 for fiscal year 2024;

7 (iv) \$25,750,000 for fiscal year 2025;

8 and

9 (v) \$26,000,000 for fiscal year 2026.

10 (D) INTELLIGENT TRANSPORTATION SYS-  
11 TEMS PROGRAM.—To carry out sections 512  
12 through 518 of title 23, United States Code,  
13 \$110,000,000 for each of fiscal years 2022  
14 through 2026.

15 (E) UNIVERSITY TRANSPORTATION CEN-  
16 TERS PROGRAM.—To carry out section 5505 of  
17 title 49, United States Code—

18 (i) \$80,000,000 for fiscal year 2022;

19 (ii) \$80,500,000 for fiscal year 2023;

20 (iii) \$81,000,000 for fiscal year 2024;

21 (iv) \$81,500,000 for fiscal year 2025;

22 and

23 (v) \$82,000,000 for fiscal year 2026.

1 (F) BUREAU OF TRANSPORTATION STATIS-  
2 TICS.—To carry out chapter 63 of title 49,  
3 United States Code—

4 (i) \$26,000,000 for fiscal year 2022;

5 (ii) \$26,250,000 for fiscal year 2023;

6 (iii) \$26,500,000 for fiscal year 2024;

7 (iv) \$26,750,000 for fiscal year 2025;

8 and

9 (v) \$27,000,000 for fiscal year 2026.

10 (2) ADMINISTRATION.—The Federal Highway  
11 Administration shall—

12 (A) administer the programs described in  
13 subparagraphs (A), (B), and (C) of paragraph  
14 (1); and

15 (B) in consultation with relevant modal ad-  
16 ministrations, administer the programs de-  
17 scribed in paragraph (1)(D).

18 (3) APPLICABILITY OF TITLE 23, UNITED  
19 STATES CODE.—Amounts authorized to be appro-  
20 priated by paragraph (1) shall—

21 (A) be available for obligation in the same  
22 manner as if those funds were apportioned  
23 under chapter 1 of title 23, United States Code,  
24 except that the Federal share of the cost of a  
25 project or activity carried out using those funds

1 shall be 80 percent, unless otherwise expressly  
2 provided by this Act (including the amendments  
3 by this Act) or otherwise determined by the  
4 Secretary; and

5 (B) remain available until expended and  
6 not be transferable, except as otherwise pro-  
7 vided by this Act.

8 (d) PILOT PROGRAMS.—The following amounts are  
9 authorized to be appropriated out of the Highway Trust  
10 Fund (other than the Mass Transit Account):

11 (1) WILDLIFE CROSSINGS PILOT PROGRAM.—  
12 For the wildlife crossings pilot program under sec-  
13 tion 171 of title 23, United States Code—

14 (A) \$60,000,000 for fiscal year 2022;  
15 (B) \$65,000,000 for fiscal year 2023;  
16 (C) \$70,000,000 for fiscal year 2024;  
17 (D) \$75,000,000 for fiscal year 2025; and  
18 (E) \$80,000,000 for fiscal year 2026.

19 (2) PRIORITIZATION PROCESS PILOT PRO-  
20 GRAM.—

21 (A) IN GENERAL.—For the prioritization  
22 process pilot program under section 1204,  
23 \$10,000,000 for each of fiscal years 2022  
24 through 2026.

1 (B) TREATMENT.—Amounts made avail-  
2 able under subparagraph (A) shall be available  
3 for obligation in the same manner as if those  
4 amounts were apportioned under chapter 1 of  
5 title 23, United States Code.

6 (3) RECONNECTING COMMUNITIES PILOT PRO-  
7 GRAM.—

8 (A) PLANNING GRANTS.—For planning  
9 grants under the reconnecting communities  
10 pilot program under section 1509(c),  
11 \$30,000,000 for each of fiscal years 2022  
12 through 2026.

13 (B) CAPITAL CONSTRUCTION GRANTS.—  
14 For capital construction grants under the re-  
15 connecting communities pilot program under  
16 section 1509(d)—

17 (i) \$65,000,000 for fiscal year 2022;

18 (ii) \$68,000,000 for fiscal year 2023;

19 (iii) \$70,000,000 for fiscal year 2024;

20 (iv) \$72,000,000 for fiscal year 2025;

21 and

22 (v) \$75,000,000 for fiscal year 2026.

23 (C) TREATMENT.—Amounts made avail-  
24 able under subparagraph (A) or (B) shall be  
25 available for obligation in the same manner as

1 if those amounts were apportioned under chap-  
2 ter 1 of title 23, United States Code, except  
3 that those amounts shall remain available until  
4 expended.

5 (e) DISADVANTAGED BUSINESS ENTERPRISES.—

6 (1) FINDINGS.—Congress finds that—

7 (A) while significant progress has occurred  
8 due to the establishment of the disadvantaged  
9 business enterprise program, discrimination and  
10 related barriers continue to pose significant ob-  
11 stacles for minority- and women-owned busi-  
12 nesses seeking to do business in Federally as-  
13 sisted surface transportation markets across the  
14 United States;

15 (B) the continuing barriers described in  
16 subparagraph (A) merit the continuation of the  
17 disadvantaged business enterprise program;

18 (C) Congress has received and reviewed  
19 testimony and documentation of race and gen-  
20 der discrimination from numerous sources, in-  
21 cluding congressional hearings and roundtables,  
22 scientific reports, reports issued by public and  
23 private agencies, news stories, reports of dis-  
24 crimination by organizations and individuals,  
25 and discrimination lawsuits, which show that

1 race- and gender-neutral efforts alone are insuf-  
2 ficient to address the problem;

3 (D) the testimony and documentation de-  
4 scribed in subparagraph (C) demonstrate that  
5 discrimination across the United States poses a  
6 barrier to full and fair participation in surface  
7 transportation-related businesses of women  
8 business owners and minority business owners  
9 and has impacted firm development and many  
10 aspects of surface transportation-related busi-  
11 ness in the public and private markets; and

12 (E) the testimony and documentation de-  
13 scribed in subparagraph (C) provide a strong  
14 basis that there is a compelling need for the  
15 continuation of the disadvantaged business en-  
16 terprise program to address race and gender  
17 discrimination in surface transportation-related  
18 business.

19 (2) DEFINITIONS.—In this subsection:

20 (A) SMALL BUSINESS CONCERN.—

21 (i) IN GENERAL.—The term “small  
22 business concern” means a small business  
23 concern (as the term is used in section 3  
24 of the Small Business Act (15 U.S.C.  
25 632)).

1                   (ii) EXCLUSIONS.—The term “small  
2                   business concern” does not include any  
3                   concern or group of concerns controlled by  
4                   the same socially and economically dis-  
5                   advantaged individual or individuals that  
6                   have average annual gross receipts during  
7                   the preceding 3 fiscal years in excess of  
8                   \$26,290,000, as adjusted annually by the  
9                   Secretary for inflation.

10                   (B) SOCIALLY AND ECONOMICALLY DIS-  
11                   ADVANTAGED INDIVIDUALS.—The term “so-  
12                   cially and economically disadvantaged individ-  
13                   uals” has the meaning given the term in section  
14                   8(d) of the Small Business Act (15 U.S.C.  
15                   637(d)) and relevant subcontracting regulations  
16                   issued pursuant to that Act, except that women  
17                   shall be presumed to be socially and economi-  
18                   cally disadvantaged individuals for purposes of  
19                   this subsection.

20                   (3) AMOUNTS FOR SMALL BUSINESS CON-  
21                   CERNS.—Except to the extent that the Secretary de-  
22                   termines otherwise, not less than 10 percent of the  
23                   amounts made available for any program under this  
24                   Act (other than section 4004) and section 403 of  
25                   title 23, United States Code, shall be expended



1 through small business concerns owned and con-  
2 trolled by socially and economically disadvantaged  
3 individuals.

4 (4) ANNUAL LISTING OF DISADVANTAGED BUSI-  
5 NESS ENTERPRISES.—Each State shall annually—

6 (A) survey and compile a list of the small  
7 business concerns referred to in paragraph (3)  
8 in the State, including the location of the small  
9 business concerns in the State; and

10 (B) notify the Secretary, in writing, of the  
11 percentage of the small business concerns that  
12 are controlled by—

13 (i) women;

14 (ii) socially and economically dis-  
15 advantaged individuals (other than  
16 women); and

17 (iii) individuals who are women and  
18 are otherwise socially and economically dis-  
19 advantaged individuals.

20 (5) UNIFORM CERTIFICATION.—

21 (A) IN GENERAL.—The Secretary shall es-  
22 tablish minimum uniform criteria for use by  
23 State governments in certifying whether a con-  
24 cern qualifies as a small business concern for  
25 the purpose of this subsection.

1 (B) INCLUSIONS.—The minimum uniform  
2 criteria established under subparagraph (A)  
3 shall include, with respect to a potential small  
4 business concern—

5 (i) on-site visits;

6 (ii) personal interviews with personnel;

7 (iii) issuance or inspection of licenses;

8 (iv) analyses of stock ownership;

9 (v) listings of equipment;

10 (vi) analyses of bonding capacity;

11 (vii) listings of work completed;

12 (viii) examination of the resumes of  
13 principal owners;

14 (ix) analyses of financial capacity; and

15 (x) analyses of the type of work pre-  
16 ferred.

17 (6) REPORTING.—The Secretary shall establish  
18 minimum requirements for use by State govern-  
19 ments in reporting to the Secretary—

20 (A) information concerning disadvantaged  
21 business enterprise awards, commitments, and  
22 achievements; and

23 (B) such other information as the Sec-  
24 retary determines to be appropriate for the

1           proper monitoring of the disadvantaged busi-  
2           ness enterprise program.

3           (7) COMPLIANCE WITH COURT ORDERS.—Noth-  
4           ing in this subsection limits the eligibility of an indi-  
5           vidual or entity to receive funds made available  
6           under this Act and section 403 of title 23, United  
7           States Code, if the entity or person is prevented, in  
8           whole or in part, from complying with paragraph (3)  
9           because a Federal court issues a final order in which  
10          the court finds that a requirement or the implemen-  
11          tation of paragraph (3) is unconstitutional.

12          (8) SENSE OF CONGRESS ON PROMPT PAYMENT  
13          OF DBE SUBCONTRACTORS.—It is the sense of Con-  
14          gress that—

15                (A) the Secretary should take additional  
16                steps to ensure that recipients comply with sec-  
17                tion 26.29 of title 49, Code of Federal Regula-  
18                tions (the disadvantaged business enterprises  
19                prompt payment rule), or any corresponding  
20                regulation, in awarding Federally funded trans-  
21                portation contracts under laws and regulations  
22                administered by the Secretary; and

23                (B) such additional steps should include  
24                increasing the ability of the Department to

1 track and keep records of complaints and to  
2 make that information publicly available.

3 **SEC. 1102. OBLIGATION CEILING.**

4 (a) GENERAL LIMITATION.—Subject to subsection  
5 (e), and notwithstanding any other provision of law, the  
6 obligations for Federal-aid highway and highway safety  
7 construction programs shall not exceed—

8 (1) \$57,473,430,072 for fiscal year 2022;

9 (2) \$58,764,510,674 for fiscal year 2023;

10 (3) \$60,095,782,888 for fiscal year 2024;

11 (4) \$61,314,170,545 for fiscal year 2025; and

12 (5) \$62,657,105,821 for fiscal year 2026.

13 (b) EXCEPTIONS.—The limitations under subsection  
14 (a) shall not apply to obligations under or for—

15 (1) section 125 of title 23, United States Code;

16 (2) section 147 of the Surface Transportation  
17 Assistance Act of 1978 (23 U.S.C. 144 note; 92  
18 Stat. 2714);

19 (3) section 9 of the Federal-Aid Highway Act  
20 of 1981 (95 Stat. 1701);

21 (4) subsections (b) and (j) of section 131 of the  
22 Surface Transportation Assistance Act of 1982 (96  
23 Stat. 2119);

1           (5) subsections (b) and (c) of section 149 of the  
2       Surface Transportation and Uniform Relocation As-  
3       sistance Act of 1987 (101 Stat. 198);

4           (6) sections 1103 through 1108 of the Inter-  
5       modal Surface Transportation Efficiency Act of  
6       1991 (105 Stat. 2027);

7           (7) section 157 of title 23, United States Code  
8       (as in effect on June 8, 1998);

9           (8) section 105 of title 23, United States Code  
10      (as in effect for fiscal years 1998 through 2004, but  
11      only in an amount equal to \$639,000,000 for each  
12      of those fiscal years);

13          (9) Federal-aid highway programs for which ob-  
14      ligation authority was made available under the  
15      Transportation Equity Act for the 21st Century  
16      (112 Stat. 107) or subsequent Acts for multiple  
17      years or to remain available until expended, but only  
18      to the extent that the obligation authority has not  
19      lapsed or been used;

20          (10) section 105 of title 23, United States Code  
21      (as in effect for fiscal years 2005 through 2012, but  
22      only in an amount equal to \$639,000,000 for each  
23      of those fiscal years);

24          (11) section 1603 of SAFETEA-LU (23  
25      U.S.C. 118 note; 119 Stat. 1248), to the extent that

1 funds obligated in accordance with that section were  
2 not subject to a limitation on obligations at the time  
3 at which the funds were initially made available for  
4 obligation;

5 (12) section 119 of title 23, United States Code  
6 (as in effect for fiscal years 2013 through 2015, but  
7 only in an amount equal to \$639,000,000 for each  
8 of those fiscal years);

9 (13) section 119 of title 23, United States Code  
10 (as in effect for fiscal years 2016 through 2021, but  
11 only in an amount equal to \$639,000,000 for each  
12 of those fiscal years); and

13 (14) section 119 of title 23, United States Code  
14 (but, for fiscal years 2022 through 2026, only in an  
15 amount equal to \$639,000,000 for each of those fis-  
16 cal years).

17 (c) DISTRIBUTION OF OBLIGATION AUTHORITY.—  
18 For each of fiscal years 2022 through 2026, the Sec-  
19 retary—

20 (1) shall not distribute obligation authority pro-  
21 vided by subsection (a) for the fiscal year for—

22 (A) amounts authorized for administrative  
23 expenses and programs by section 104(a) of  
24 title 23, United States Code; and

1 (B) amounts authorized for the Bureau of  
2 Transportation Statistics;

3 (2) shall not distribute an amount of obligation  
4 authority provided by subsection (a) that is equal to  
5 the unobligated balance of amounts—

6 (A) made available from the Highway  
7 Trust Fund (other than the Mass Transit Ac-  
8 count) for Federal-aid highway and highway  
9 safety construction programs for previous fiscal  
10 years the funds for which are allocated by the  
11 Secretary (or apportioned by the Secretary  
12 under section 175, 176(c), 202, or 204 of title  
13 23, United States Code); and

14 (B) for which obligation authority was pro-  
15 vided in a previous fiscal year;

16 (3) shall determine the proportion that—

17 (A) the obligation authority provided by  
18 subsection (a) for the fiscal year, less the aggre-  
19 gate of amounts not distributed under para-  
20 graphs (1) and (2) of this subsection; bears to

21 (B) the total of the sums authorized to be  
22 appropriated for the Federal-aid highway and  
23 highway safety construction programs (other  
24 than sums authorized to be appropriated for  
25 provisions of law described in paragraphs (1)

1 through (13) of subsection (b) and sums au-  
2 thorized to be appropriated for section 119 of  
3 title 23, United States Code, equal to the  
4 amount referred to in subsection (b)(14) for the  
5 fiscal year), less the aggregate of the amounts  
6 not distributed under paragraphs (1) and (2) of  
7 this subsection;

8 (4) shall distribute the obligation authority pro-  
9 vided by subsection (a), less the aggregate amounts  
10 not distributed under paragraphs (1) and (2), for  
11 each of the programs (other than programs to which  
12 paragraph (1) applies) that are allocated by the Sec-  
13 retary under this Act and title 23, United States  
14 Code, or apportioned by the Secretary under section  
15 175, 176(c), 202, or 204 of that title, by multi-  
16 plying—

17 (A) the proportion determined under para-  
18 graph (3); by

19 (B) the amounts authorized to be appro-  
20 priated for each such program for the fiscal  
21 year; and

22 (5) shall distribute the obligation authority pro-  
23 vided by subsection (a), less the aggregate amounts  
24 not distributed under paragraphs (1) and (2) and  
25 the amounts distributed under paragraph (4), for



1 Federal-aid highway and highway safety construc-  
2 tion programs that are apportioned by the Secretary  
3 under title 23, United States Code (other than the  
4 amounts apportioned for the national highway per-  
5 formance program in section 119 of title 23, United  
6 States Code, that are exempt from the limitation  
7 under subsection (b)(14) and the amounts appor-  
8 tioned under sections 175, 176(e), 202, and 204 of  
9 that title) in the proportion that—

10 (A) amounts authorized to be appropriated  
11 for the programs that are apportioned under  
12 title 23, United States Code, to each State for  
13 the fiscal year; bears to

14 (B) the total of the amounts authorized to  
15 be appropriated for the programs that are ap-  
16 portioned under title 23, United States Code, to  
17 all States for the fiscal year.

18 (d) REDISTRIBUTION OF UNUSED OBLIGATION AU-  
19 THORITY.—Notwithstanding subsection (c), the Secretary  
20 shall, after August 1 of each of fiscal years 2022 through  
21 2026—

22 (1) revise a distribution of the obligation au-  
23 thority made available under subsection (c) if an  
24 amount distributed cannot be obligated during that  
25 fiscal year; and

1           (2) redistribute sufficient amounts to those  
 2 States able to obligate amounts in addition to those  
 3 previously distributed during that fiscal year, giving  
 4 priority to those States having large unobligated bal-  
 5 ances of funds apportioned under sections 144 (as in  
 6 effect on the day before the date of enactment of  
 7 MAP-21 (Public Law 112-141; 126 Stat. 405)) and  
 8 104 of title 23, United States Code.

9           (e) APPLICABILITY OF OBLIGATION LIMITATIONS TO  
 10 TRANSPORTATION RESEARCH PROGRAMS.—

11           (1) IN GENERAL.—Except as provided in para-  
 12 graph (2), obligation limitations imposed by sub-  
 13 section (a) shall apply to contract authority for  
 14 transportation research programs carried out under  
 15 chapter 5 of title 23, United States Code.

16           (2) EXCEPTION.—Obligation authority made  
 17 available under paragraph (1) shall—

18           (A) remain available for a period of 4 fis-  
 19 cal years; and

20           (B) be in addition to the amount of any  
 21 limitation imposed on obligations for Federal-  
 22 aid highway and highway safety construction  
 23 programs for future fiscal years.

24           (f) REDISTRIBUTION OF CERTAIN AUTHORIZED  
 25 FUNDS.—

1           (1) IN GENERAL.—Not later than 30 days after  
2 the date of distribution of obligation authority under  
3 subsection (c) for each of fiscal years 2022 through  
4 2026, the Secretary shall distribute to the States  
5 any funds (excluding funds authorized for the pro-  
6 gram under section 202 of title 23, United States  
7 Code) that—

8           (A) are authorized to be appropriated for  
9 the fiscal year for Federal-aid highway pro-  
10 grams; and

11           (B) the Secretary determines will not be  
12 allocated to the States (or will not be appor-  
13 tioned to the States under sections 175, 176(c),  
14 and 204 of title 23, United States Code), and  
15 will not be available for obligation, for the fiscal  
16 year because of the imposition of any obligation  
17 limitation for the fiscal year.

18           (2) RATIO.—Funds shall be distributed under  
19 paragraph (1) in the same proportion as the dis-  
20 tribution of obligation authority under subsection  
21 (c)(5).

22           (3) AVAILABILITY.—Funds distributed to each  
23 State under paragraph (1) shall be available for any  
24 purpose described in section 133(b) of title 23,  
25 United States Code.

1 **SEC. 1103. DEFINITIONS.**

2 Section 101(a) of title 23, United States Code, is  
3 amended—

4 (1) in paragraph (4)—

5 (A) in subparagraph (A), by inserting “as-  
6 ssuming resilience,” after “surveying,”;

7 (B) in subparagraph (G), by striking  
8 “and” at the end;

9 (C) by redesignating subparagraph (H) as  
10 subparagraph (I); and

11 (D) by inserting after subparagraph (G)  
12 the following:

13 “(H) improvements that reduce the num-  
14 ber of wildlife-vehicle collisions, such as wildlife  
15 crossing structures; and”;

16 (2) by redesignating paragraphs (17) through  
17 (34) as paragraphs (18), (19), (20), (21), (22), (23),  
18 (25), (26), (27), (28), (29), (30), (31), (32), (33),  
19 (34), (35), and (36), respectively;

20 (3) by inserting after paragraph (16) the fol-  
21 lowing:

22 “(17) **NATURAL INFRASTRUCTURE.**—The term  
23 ‘natural infrastructure’ means infrastructure that  
24 uses, restores, or emulates natural ecological proc-  
25 esses and—

1           “(A) is created through the action of nat-  
2           ural physical, geological, biological, and chem-  
3           ical processes over time;

4           “(B) is created by human design, engineer-  
5           ing, and construction to emulate or act in con-  
6           cert with natural processes; or

7           “(C) involves the use of plants, soils, and  
8           other natural features, including through the  
9           creation, restoration, or preservation of vege-  
10          tated areas using materials appropriate to the  
11          region to manage stormwater and runoff, to at-  
12          tenuate flooding and storm surges, and for  
13          other related purposes.”;

14          (4) by inserting after paragraph (23) (as so re-  
15          designated) the following:

16          “(24) RESILIENCE.—The term ‘resilience’, with  
17          respect to a project, means a project with the ability  
18          to anticipate, prepare for, or adapt to conditions or  
19          withstand, respond to, or recover rapidly from dis-  
20          ruptions, including the ability—

21                 “(A)(i) to resist hazards or withstand im-  
22                 pacts from weather events and natural disas-  
23                 ters; or

1 “(ii) to reduce the magnitude or duration  
2 of impacts of a disruptive weather event or nat-  
3 ural disaster on a project; and

4 “(B) to have the absorptive capacity,  
5 adaptive capacity, and recoverability to decrease  
6 project vulnerability to weather events or other  
7 natural disasters.”; and

8 (5) in subparagraph (A) of paragraph (32) (as  
9 so redesignated)—

10 (A) by striking the period at the end and  
11 inserting “; and”;

12 (B) by striking “through the implementa-  
13 tion” and inserting the following: “through—

14 “(i) the implementation”; and

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

16 “(ii) the consideration of incor-  
17 porating natural infrastructure.”.

18 **SEC. 1104. APPORTIONMENT.**

19 (a) ADMINISTRATIVE EXPENSES.—Section 104(a)(1)  
20 of title 23, United States Code, is amended by striking  
21 subparagraphs (A) through (E) and inserting the fol-  
22 lowing:

23 “(A) \$490,964,697 for fiscal year 2022;

24 “(B) \$500,783,991 for fiscal year 2023;

25 “(C) \$510,799,671 for fiscal year 2024;

1           “(D) \$521,015,664 for fiscal year 2025;

2           and

3           “(E) \$531,435,977 for fiscal year 2026.”.

4           (b) DIVISION AMONG PROGRAMS OF STATE  
5 SHARE.—Section 104(b) of title 23, United States Code,  
6 is amended in subsection (b)—

7           (1) in the matter preceding paragraph (1), by  
8 inserting “the carbon reduction program under sec-  
9 tion 175, to carry out subsection (c) of the PRO-  
10 TECT program under section 176,” before “and to  
11 carry out section 134”;

12           (2) in paragraph (1), by striking “63.7 per-  
13 cent” and inserting “59.0771195921461 percent”;

14           (3) in paragraph (2), by striking “29.3 per-  
15 cent” and inserting “28.7402203421251 percent”;

16           (4) in paragraph (3), by striking “7 percent”  
17 and inserting “6.70605141316253 percent”;

18           (5) by striking paragraph (4) and inserting the  
19 following:

20           “(4) CONGESTION MITIGATION AND AIR QUAL-  
21 ITY IMPROVEMENT PROGRAM.—

22           “(A) IN GENERAL.—For the congestion  
23 mitigation and air quality improvement pro-  
24 gram, an amount determined for the State  
25 under subparagraphs (B) and (C).

1           “(B) TOTAL AMOUNT.—The total amount  
2           for the congestion mitigation and air quality  
3           improvement program for all States shall be—

4                   “(i) \$2,536,490,803 for fiscal year  
5                   2022;

6                   “(ii) \$2,587,220,620 for fiscal year  
7                   2023;

8                   “(iii) \$2,638,965,032 for fiscal year  
9                   2024;

10                  “(iv) \$2,691,744,332 for fiscal year  
11                  2025; and

12                  “(v) \$2,745,579,213 for fiscal year  
13                  2026.

14           “(C) STATE SHARE.—For each fiscal year,  
15           the Secretary shall distribute among the States  
16           the total amount for the congestion mitigation  
17           and air quality improvement program under  
18           subparagraph (B) so that each State receives  
19           an amount equal to the proportion that—

20                   “(i) the amount apportioned to the  
21                   State for the congestion mitigation and air  
22                   quality improvement program for fiscal  
23                   year 2020; bears to



1                   “(ii) the total amount of funds appor-  
2                   tioned to all States for that program for  
3                   fiscal year 2020.”;

4                   (6) in paragraph (5)—

5                   (A) by striking subparagraph (B) and in-  
6                   serting the following:

7                   “(B) TOTAL AMOUNT.—The total amount  
8                   set aside for the national highway freight pro-  
9                   gram for all States shall be—

10                   “(i) \$1,373,932,519 for fiscal year  
11                   2022;

12                   “(ii) \$1,401,411,169 for fiscal year  
13                   2023;

14                   “(iii) \$1,429,439,392 for fiscal year  
15                   2024;

16                   “(iv) \$1,458,028,180 for fiscal year  
17                   2025; and

18                   “(v) \$1,487,188,740 for fiscal year  
19                   2026.”; and

20                   (B) by striking subparagraph (D); and

21                   (7) by striking paragraph (6) and inserting the  
22                   following:

23                   “(6) METROPOLITAN PLANNING.—

1           “(A) IN GENERAL.—To carry out section  
2           134, an amount determined for the State under  
3           subparagraphs (B) and (C).

4           “(B) TOTAL AMOUNT.—The total amount  
5           for metropolitan planning for all States shall  
6           be—

7                   “(i) \$438,121,139 for fiscal year  
8                   2022;

9                   “(ii) \$446,883,562 for fiscal year  
10                  2023;

11                  “(iii) \$455,821,233 for fiscal year  
12                  2024;

13                  “(iv) \$464,937,657 for fiscal year  
14                  2025; and

15                  “(v) \$474,236,409 for fiscal year  
16                  2026.

17           “(C) STATE SHARE.—For each fiscal year,  
18           the Secretary shall distribute among the States  
19           the total amount to carry out section 134 under  
20           subparagraph (B) so that each State receives  
21           an amount equal to the proportion that—

22                   “(i) the amount apportioned to the  
23                   State to carry out section 134 for fiscal  
24                   year 2020; bears to

1                   “(ii) the total amount of funds appor-  
2                   tioned to all States to carry out section  
3                   134 for fiscal year 2020.

4                   “(7) CARBON REDUCTION PROGRAM.—For the  
5                   carbon reduction program under section 175,  
6                   2.56266964565637 percent of the amount remaining  
7                   after distributing amounts under paragraphs (4),  
8                   (5), and (6).

9                   “(8) PROTECT FORMULA PROGRAM.—To  
10                  carry out subsection (c) of the PROTECT program  
11                  under section 176, 2.91393900690991 percent of  
12                  the amount remaining after distributing amounts  
13                  under paragraphs (4), (5), and (6).”.

14               “(c) CALCULATION OF AMOUNTS.—Section 104(e) of  
15               title 23, United States Code, is amended—

16               (1) in paragraph (1)—

17                   (A) in the matter preceding subparagraph  
18                   (A), by striking “each of fiscal years 2016  
19                   through 2020” and inserting “fiscal year 2022  
20                   and each fiscal year thereafter”;

21                   (B) in subparagraph (A)—

22                       (i) by striking clause (i) and inserting  
23                       the following:

24                           “(i) the base apportionment; by”; and

1 (ii) in clause (ii)(I), by striking “fiscal  
2 year 2015” and inserting “fiscal year  
3 2021”; and

4 (C) by striking subparagraph (B) and in-  
5 serting the following:

6 “(B) GUARANTEED AMOUNTS.—The initial  
7 amounts resulting from the calculation under  
8 subparagraph (A) shall be adjusted to ensure  
9 that each State receives an aggregate appor-  
10 tionment that is—

11 “(i) equal to at least 95 percent of the  
12 estimated tax payments paid into the  
13 Highway Trust Fund (other than the Mass  
14 Transit Account) in the most recent fiscal  
15 year for which data are available that  
16 are—

17 “(I) attributable to highway  
18 users in the State; and

19 “(II) associated with taxes in ef-  
20 fect on July 1, 2019, and only up to  
21 the rate those taxes were in effect on  
22 that date;

23 “(ii) at least 2 percent greater than  
24 the apportionment that the State received  
25 for fiscal year 2021; and

1                   “(iii) at least 1 percent greater than  
2                   the apportionment that the State received  
3                   for the previous fiscal year.”; and

4                   (2) in paragraph (2)—

5                   (A) by striking “fiscal years 2016 through  
6                   2020” and inserting “fiscal year 2022 and each  
7                   fiscal year thereafter”; and

8                   (B) by inserting “the carbon reduction  
9                   program under section 175, to carry out sub-  
10                  section (c) of the PROTECT program under  
11                  section 176,” before “and to carry out section  
12                  134”.

13                  (d)           METROPOLITAN            PLANNING.—Section  
14                  104(d)(1)(A) of title 23, United States Code, is amended  
15                  by striking “paragraphs (5)(D) and (6) of subsection (b)”  
16                  each place it appears and inserting “subsection (b)(6)”.

17                  (e) SUPPLEMENTAL FUNDS.—Section 104 of title 23,  
18                  United States Code, is amended by striking subsection (h).

19                  (f) BASE APPORTIONMENT DEFINED.—Section 104  
20                  of title 23, United States Code, is amended—

21                         (1) by redesignating subsection (i) as subsection  
22                         (h); and

23                         (2) in subsection (h) (as so redesignated)—

24                                 (A) by striking “means” in the matter pre-  
25                                 ceding paragraph (1) and all that follows

1 through “the combined amount” in paragraph  
2 (1) and inserting “means the combined  
3 amount”;

4 (B) by striking “and to carry out section  
5 134; minus” and inserting “the carbon reduc-  
6 tion program under section 175, to carry out  
7 subsection (c) of the PROTECT program under  
8 section 176, and to carry out section 134.”; and

9 (C) by striking paragraph (2).

10 **SEC. 1105. NATIONAL HIGHWAY PERFORMANCE PROGRAM.**

11 Section 119 of title 23, United States Code, is  
12 amended—

13 (1) in subsection (b)—

14 (A) in paragraph (2), by striking “and” at  
15 the end;

16 (B) in paragraph (3), by striking the pe-  
17 riod at the end and inserting “; and”; and

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

19 “(4) to provide support for activities to increase  
20 the resiliency of the National Highway System to  
21 mitigate the cost of damages from sea level rise, ex-  
22 treme weather events, flooding, or other natural dis-  
23 asters.”;

24 (2) in subsection (d)(2), by adding at the end  
25 the following:

1           “(Q) Undergrounding public utility infra-  
2           structure carried out in conjunction with a  
3           project otherwise eligible under this section.

4           “(R) Resiliency improvements on the Na-  
5           tional Highway System, including protective  
6           features described in subsection (k)(2).

7           “(S) Implement activities to protect seg-  
8           ments of the National Highway System from  
9           cybersecurity threats.”;

10          (3) in subsection (e)(4)(D), by striking “anal-  
11          ysis” and inserting “analyses, both of which shall  
12          take into consideration extreme weather and resil-  
13          ience”; and

14          (4) by adding at the end the following:

15          “(k) PROTECTIVE FEATURES.—

16          “(1) IN GENERAL.—A State may use not more  
17          than 15 percent of the funds apportioned to the  
18          State under section 104(b)(1) for each fiscal year  
19          for 1 or more protective features on a Federal-aid  
20          highway or bridge not on the National Highway Sys-  
21          tem, if the protective feature is designed to mitigate  
22          the risk of recurring damage or the cost of future  
23          repairs from extreme weather events, flooding, or  
24          other natural disasters.

1           “(2) PROTECTIVE FEATURES DESCRIBED.—A  
2 protective feature referred to in paragraph (1) in-  
3 cludes—

4           “(A) raising roadway grades;

5           “(B) relocating roadways in a base flood-  
6 plain to higher ground above projected flood  
7 elevation levels or away from slide prone areas;

8           “(C) stabilizing slide areas;

9           “(D) stabilizing slopes;

10           “(E) lengthening or raising bridges to in-  
11 crease waterway openings;

12           “(F) increasing the size or number of  
13 drainage structures;

14           “(G) replacing culverts with bridges or  
15 upsizing culverts;

16           “(H) installing seismic retrofits on bridges;

17           “(I) adding scour protection at bridges, in-  
18 stalling riprap, or adding other scour, stream  
19 stability, coastal, or other hydraulic counter-  
20 measures, including spur dikes; and

21           “(J) the use of natural infrastructure to  
22 mitigate the risk of recurring damage or the  
23 cost of future repair from extreme weather  
24 events, flooding, or other natural disasters.



1           “(3) SAVINGS PROVISION.—Nothing in this sub-  
 2           section limits the ability of a State to carry out a  
 3           project otherwise eligible under subsection (d) using  
 4           funds apportioned under section 104(b)(1).”.

5 **SEC. 1106. EMERGENCY RELIEF.**

6           Section 125 of title 23, United States Code, is  
 7 amended—

8           (1) in subsection (a)(1), by inserting “wildfire,”  
 9           after “severe storm,”;

10           (2) by striking subsection (b) and inserting the  
 11           following:

12           “(b) RESTRICTION ON ELIGIBILITY.—Funds under  
 13 this section shall not be used for the repair or reconstruc-  
 14 tion of a bridge that has been permanently closed to all  
 15 vehicular traffic by the State or responsible local official  
 16 because of imminent danger of collapse due to a structural  
 17 deficiency or physical deterioration.”; and

18           (3) in subsection (d)—

19           (A) in paragraph (2)(A)—

20           (i) by striking the period at the end  
 21           and inserting “; and”

22           (ii) by striking “a facility that meets  
 23           the current” and inserting the following:

24           “a facility that—

25           “(i) meets the current”; and

1 (iii) by adding at the end the fol-  
2 lowing:

3 “(ii) incorporates economically justifi-  
4 able improvements that will mitigate the  
5 risk of recurring damage from extreme  
6 weather, flooding, and other natural disas-  
7 ters.”;

8 (B) by redesignating paragraph (3) as  
9 paragraph (4); and

10 (C) by inserting after paragraph (2) the  
11 following:

12 “(3) PROTECTIVE FEATURES.—

13 “(A) IN GENERAL.—The cost of an im-  
14 provement that is part of a project under this  
15 section shall be an eligible expense under this  
16 section if the improvement is a protective fea-  
17 ture that will mitigate the risk of recurring  
18 damage or the cost of future repair from ex-  
19 treme weather, flooding, and other natural dis-  
20 asters.

21 “(B) PROTECTIVE FEATURES DE-  
22 SCRIBED.—A protective feature referred to in  
23 subparagraph (A) includes—

24 “(i) raising roadway grades;

- 1           “(ii) relocating roadways in a flood-  
2 plain to higher ground above projected  
3 flood elevation levels or away from slide  
4 prone areas;
- 5           “(iii) stabilizing slide areas;
- 6           “(iv) stabilizing slopes;
- 7           “(v) lengthening or raising bridges to  
8 increase waterway openings;
- 9           “(vi) increasing the size or number of  
10 drainage structures;
- 11          “(vii) replacing culverts with bridges  
12 or upsizing culverts;
- 13          “(viii) installing seismic retrofits on  
14 bridges;
- 15          “(ix) adding scour protection at  
16 bridges, installing riprap, or adding other  
17 scour, stream stability, coastal, or other  
18 hydraulic countermeasures, including spur  
19 dikes; and
- 20          “(x) the use of natural infrastructure  
21 to mitigate the risk of recurring damage or  
22 the cost of future repair from extreme  
23 weather, flooding, and other natural disas-  
24 ters.”.

1 **SEC. 1107. FEDERAL SHARE PAYABLE.**

2 Section 120 of title 23, United States Code, is  
3 amended—

4 (1) in subsection (c)—

5 (A) in paragraph (1), in the first sentence,  
6 by inserting “vehicle-to-infrastructure commu-  
7 nication equipment,” after “breakaway utility  
8 poles,”;

9 (B) in subparagraph (3)(B)—

10 (i) in clause (v), by striking “or” at  
11 the end;

12 (ii) by redesignating clause (vi) as  
13 clause (vii); and

14 (iii) by inserting after clause (v) the  
15 following:

16 “(vi) contractual provisions that pro-  
17 vide safety contingency funds to incor-  
18 porate safety enhancements to work zones  
19 prior to or during roadway construction ac-  
20 tivities; or”; and

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

22 “(4) POOLED FUNDING.—Notwithstanding any  
23 other provision of law, the Secretary may waive the  
24 non-Federal share of the cost of a project or activity  
25 under section 502(b)(6) that is carried out with

1 amounts apportioned under section 104(b)(2) after  
2 considering appropriate factors, including whether—

3 “(A) decreasing or eliminating the non-  
4 Federal share would best serve the interests of  
5 the Federal-aid highway program; and

6 “(B) the project or activity addresses na-  
7 tional or regional high priority research, devel-  
8 opment, and technology transfer problems in a  
9 manner that would benefit multiple States or  
10 metropolitan planning organizations.”;

11 (2) in subsection (e)—

12 (A) in paragraph (1), by striking “180  
13 days” and inserting “270 days”; and

14 (B) in paragraph (4), by striking “perma-  
15 nent”; and

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

17 “(1) FEDERAL SHARE FLEXIBILITY PILOT PRO-  
18 GRAM.—

19 “(1) ESTABLISHMENT.—Not later than 180  
20 days after the date of enactment of the Surface  
21 Transportation Reauthorization Act of 2021, the  
22 Secretary shall establish a pilot program (referred to  
23 in this subsection as the ‘pilot program’) to give  
24 States additional flexibility with respect to the Fed-  
25 eral requirements under this section.

1 “(2) PROGRAM.—

2 “(A) IN GENERAL.—Notwithstanding any  
3 other provision of law, a State participating in  
4 the pilot program (referred to in this subsection  
5 as a ‘participating State’) may determine the  
6 Federal share on a project, multiple-project, or  
7 program basis for projects under any of the fol-  
8 lowing:

9 “(i) The national highway perform-  
10 ance program under section 119.

11 “(ii) The surface transportation block  
12 grant program under section 133.

13 “(iii) The highway safety improve-  
14 ment program under section 148.

15 “(iv) The congestion mitigation and  
16 air quality improvement program under  
17 section 149.

18 “(v) The national highway freight  
19 program under section 167.

20 “(vi) The carbon reduction program  
21 under section 175.

22 “(vii) Subsection (c) of the PRO-  
23 TECT program under section 176.

24 “(B) REQUIREMENTS.—

1           “(i) MAXIMUM FEDERAL SHARE.—  
2           Subject to clause (iii), the Federal share of  
3           the cost of an individual project carried out  
4           under a program described in subpara-  
5           graph (A) by a participating State and to  
6           which the participating State is applying  
7           the Federal share requirements under the  
8           pilot program may be up to 100 percent.

9           “(ii) MINIMUM FEDERAL SHARE.—No  
10          individual project carried out under a pro-  
11          gram described in subparagraph (A) by a  
12          participating State and to which the par-  
13          ticipating State is applying the Federal  
14          share requirements under the pilot pro-  
15          gram shall have a Federal share of 0 per-  
16          cent.

17          “(iii) DETERMINATION.—The average  
18          annual Federal share of the total cost of  
19          all projects authorized under a program  
20          described in subparagraph (A) to which a  
21          participating State is applying the Federal  
22          share requirements under the pilot pro-  
23          gram shall be not more than the average  
24          of the maximum Federal share of those

1 projects if those projects were not carried  
2 out under the pilot program.

3 “(C) SELECTION.—

4 “(i) APPLICATION.—A State seeking  
5 to be a participating State shall—

6 “(I) submit to the Secretary an  
7 application in such form, at such  
8 time, and containing such information  
9 as the Secretary may require; and

10 “(II) have in place adequate fi-  
11 nancial controls to allow the State to  
12 determine the average annual Federal  
13 share requirements under the pilot  
14 program.

15 “(ii) REQUIREMENT.—For each of fis-  
16 cal years 2022 through 2026, the Sec-  
17 retary shall select not more than 10 States  
18 to be participating States.”.

19 **SEC. 1108. RAILWAY-HIGHWAY GRADE CROSSINGS.**

20 (a) IN GENERAL.—Section 130(e) of title 23, United  
21 States Code, is amended—

22 (1) in the heading, by striking “PROTECTIVE  
23 DEVICES” and inserting “RAILWAY-HIGHWAY  
24 GRADE CROSSINGS”; and

25 (2) in paragraph (1)—



1 (A) in subparagraph (A), by striking “and  
2 the installation of protective devices at railway-  
3 highway crossings” in the matter preceding  
4 clause (i) and all that follows through “2020.”  
5 in clause (v) and inserting the following: “, the  
6 installation of protective devices at railway-  
7 highway crossings, the replacement of function-  
8 ally obsolete warning devices, and as described  
9 in subparagraph (B), not less than  
10 \$245,000,000 for each of fiscal years 2022  
11 through 2026.”; and

12 (B) by striking subparagraph (B) and in-  
13 serting the following:

14 “(B) REDUCING TRESPASSING FATALITIES  
15 AND INJURIES.—A State may use funds set  
16 aside under subparagraph (A) for projects to  
17 reduce pedestrian fatalities and injuries from  
18 trespassing at grade crossings.”.

19 (b) FEDERAL SHARE.—Section 130(f)(3) of title 23,  
20 United States Code, is amended by striking “90 percent”  
21 and inserting “100 percent”.

22 (c) INCENTIVE PAYMENTS FOR AT-GRADE CROSSING  
23 CLOSURES.—Section 130(i)(3)(B) of title 23, United  
24 States Code, is amended by striking “\$7,500” and insert-  
25 ing “\$100,000”.

1 (d) EXPENDITURE OF FUNDS.—Section 130(k) of  
2 title 23, United States Code, is amended by striking “2  
3 percent” and inserting “8 percent”.

4 (e) GAO STUDY.—Not later than 3 years after the  
5 date of enactment of this Act, the Comptroller General  
6 of the United States shall submit to Congress a report  
7 that includes an analysis of the effectiveness of the rail-  
8 way-highway crossings program under section 130 of title  
9 23, United States Code.

10 (f) SENSE OF CONGRESS RELATING TO TRESPASSER  
11 DEATHS ALONG RAILROAD RIGHTS-OF-WAY.—It is the  
12 sense of Congress that the Department should, where fea-  
13 sible, coordinate departmental efforts to prevent or reduce  
14 trespasser deaths along railroad rights-of-way and at or  
15 near railway-highway crossings.

16 **SEC. 1109. SURFACE TRANSPORTATION BLOCK GRANT PRO-**  
17 **GRAM.**

18 (a) IN GENERAL.—Section 133 of title 23, United  
19 States Code, is amended—

20 (1) in subsection (b)—

21 (A) in paragraph (1)—

22 (i) in subparagraph (B)—

23 (I) by adding “or” at the end;

1 (II) by striking “facilities eligi-  
2 ble” and inserting the following: “fa-  
3 cilities—

4 “(i) that are eligible”; and

5 (III) by adding at the end the  
6 following:

7 “(ii) that are privately or majority-  
8 privately owned, but that the Secretary de-  
9 termines provide a substantial public  
10 transportation benefit or otherwise meet  
11 the foremost needs of the surface transpor-  
12 tation system described in section  
13 101(b)(3)(D);”;

14 (ii) in subparagraph (E), by striking  
15 “and” at the end;

16 (iii) in subparagraph (F), by striking  
17 the period at the end and inserting “;  
18 and”; and

19 (iv) by adding at the end the fol-  
20 lowing:

21 “(G) wildlife crossing structures.”;

22 (B) in paragraph (3), by inserting  
23 “148(a)(4)(B)(xvii),” after “119(g);”;

24 (C) by redesignating paragraphs (4)  
25 through (15) as paragraphs (5), (6), (7), (8),

1 (9), (10), (11), (12), (13), (20), (21), and (22),  
2 respectively;

3 (D) in paragraph (5) (as so redesignated),  
4 by striking “railway-highway grade crossings”  
5 and inserting “projects eligible under section  
6 130 and installation of safety barriers and nets  
7 on bridges”;

8 (E) in paragraph (7) (as so redesignated)—  
9 nated)—

10 (i) by inserting “including the mainte-  
11 nance and restoration of existing rec-  
12 reational trails,” after “section 206”; and

13 (ii) by striking “the safe routes to  
14 school program under section 1404 of  
15 SAFETEA-LU (23 U.S.C. 402 note)” and  
16 inserting “the safe routes to school pro-  
17 gram under section 208”;

18 (F) by inserting after paragraph (13) (as  
19 so redesignated) the following:

20 “(14) Projects and strategies designed to re-  
21 duce the number of wildlife-vehicle collisions, includ-  
22 ing project-related planning, design, construction,  
23 monitoring, and preventative maintenance.

24 “(15) The installation of electric vehicle charg-  
25 ing infrastructure and vehicle-to-grid infrastructure.

1           “(16) The installation and deployment of cur-  
2           rent and emerging intelligent transportation tech-  
3           nologies, including the ability of vehicles to commu-  
4           nicate with infrastructure, buildings, and other road  
5           users.

6           “(17) Planning and construction of projects  
7           that facilitate intermodal connections between  
8           emerging transportation technologies, such as mag-  
9           netic levitation and hyperloop.

10           “(18) Protective features, including natural in-  
11           frastructure, to enhance the resilience of a transpor-  
12           tation facility otherwise eligible for assistance under  
13           this section.

14           “(19) Measures to protect a transportation fa-  
15           cility otherwise eligible for assistance under this sec-  
16           tion from cybersecurity threats.”; and

17                   (G) by adding at the end the following:

18           “(23) Rural barge landing, dock, and water-  
19           front infrastructure projects in accordance with sub-  
20           section (j).

21           “(24) Projects to enhance travel and tourism.”;

22           (2) in subsection (c)—

23                   (A) in paragraph (2), by striking “para-  
24                   graphs (4) through (11)” and inserting “para-  
25                   graphs (5) through (15) and paragraph (23)”;

1 (B) in paragraph (3), by striking “and” at  
2 the end;

3 (C) by redesignating paragraph (4) as  
4 paragraph (5); and

5 (D) by inserting after paragraph (3) the  
6 following:

7 “(4) for a bridge project for the replacement of  
8 a low water crossing (as defined by the Secretary)  
9 with a bridge; and”;

10 (3) in subsection (d)—

11 (A) in paragraph (1)—

12 (i) in the matter preceding subpara-  
13 graph (A), by striking “reservation” and  
14 inserting “set aside”; and

15 (ii) in subparagraph (A)—

16 (I) in the matter preceding clause  
17 (i), by striking “the percentage speci-  
18 fied in paragraph (6) for a fiscal  
19 year” and inserting “55 percent for  
20 each of fiscal years 2022 through  
21 2026”; and

22 (II) by striking clauses (ii) and  
23 (iii) and inserting the following:

24 “(ii) in urbanized areas of the State  
25 with an urbanized area population of not

1 less than 50,000 and not more than  
2 200,000;

3 “(iii) in urban areas of the State with  
4 a population not less than 5,000 and not  
5 more than 49,999; and

6 “(iv) in other areas of the State with  
7 a population less than 5,000; and”;

8 (B) by striking paragraph (3) and insert-  
9 ing the following:

10 “(3) LOCAL CONSULTATION.—

11 “(A) CONSULTATION WITH METROPOLITAN  
12 PLANNING ORGANIZATIONS.—For purposes of  
13 clause (ii) of paragraph (1)(A), a State shall—

14 “(i) establish a process to consult with  
15 all metropolitan planning organizations in  
16 the State that represent an urbanized area  
17 described in that clause; and

18 “(ii) describe how funds allocated for  
19 areas described in that clause will be allo-  
20 cated equitably among the applicable ur-  
21 banized areas during the period of fiscal  
22 years 2022 through 2026.

23 “(B) CONSULTATION WITH REGIONAL  
24 TRANSPORTATION PLANNING ORGANIZA-  
25 TIONS.—For purposes of clauses (iii) and (iv)

1 of paragraph (1)(A), before obligating funding  
2 attributed to an area with a population less  
3 than 50,000, a State shall consult with the re-  
4 gional transportation planning organizations  
5 that represent the area, if any.”; and

6 (C) by striking paragraph (6);

7 (4) in subsection (e)(1), in the matter preceding  
8 subparagraph (A), by striking “fiscal years 2016  
9 through 2020” and inserting “fiscal years 2022  
10 through 2026”;

11 (5) in subsection (f)—

12 (A) in paragraph (1)—

13 (i) by inserting “or low water crossing  
14 (as defined by the Secretary)” after “a  
15 highway bridge”; and

16 (ii) by inserting “or low water cross-  
17 ing (as defined by the Secretary)” after  
18 “other than a bridge”;

19 (B) in paragraph (2)(A)—

20 (i) by striking “activities described in  
21 subsection (b)(2) for off-system bridges”  
22 and inserting “activities described in para-  
23 graphs (1)(A) and (10) of subsection (b)  
24 for off-system bridges, projects and activi-  
25 ties described in subsection (b)(1)(A) for



1 the replacement of low water crossings  
2 with bridges, and projects and activities  
3 described in subsection (b)(10) for low  
4 water crossings (as defined by the Sec-  
5 retary),”; and

6 (ii) by striking “15 percent” and in-  
7 serting “20 percent”; and

8 (C) in paragraph (3), in the matter pre-  
9 ceding subparagraph (A)—

10 (i) by striking “bridge or rehabilita-  
11 tion of a bridge” and inserting “bridge, re-  
12 habilitation of a bridge, or replacement of  
13 a low water crossing (as defined by the  
14 Secretary) with a bridge”; and

15 (ii) by inserting “or, in the case of a  
16 replacement of a low water crossing with a  
17 bridge, is determined by the Secretary on  
18 completion to have improved the safety of  
19 the location” after “no longer a deficient  
20 bridge”;

21 (6) in subsection (g)—

22 (A) in the subsection heading, by striking  
23 “LESS THAN 5,000” and inserting “LESS  
24 THAN 50,000”; and

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

3 “(1) IN GENERAL.—Notwithstanding subsection  
 4 (c), and except as provided in paragraph (2), up to  
 5 15 percent of the amounts required to be obligated  
 6 by a State under clauses (iii) and (iv) of subsection  
 7 (d)(1)(A) for each fiscal year may be obligated on—

8 “(A) roads functionally classified as rural  
 9 minor collectors or local roads; or

10 “(B) on critical rural freight corridors des-  
 11 ignated under section 167(e).”; and

12 (7) by adding at the end the following:

13 “(j) RURAL BARGE LANDING, DOCK, AND WATER-  
 14 FRONT INFRASTRUCTURE PROJECTS.—

15 “(1) IN GENERAL.—A State may use not more  
 16 than 5 percent of the funds apportioned to the State  
 17 under section 104(b)(2) for eligible rural barge land-  
 18 ing, dock, and waterfront infrastructure projects de-  
 19 scribed in paragraph (2).

20 “(2) ELIGIBLE PROJECTS.—An eligible rural  
 21 barge landing, dock, or waterfront infrastructure  
 22 project referred to in paragraph (1) is a project for  
 23 the planning, designing, engineering, or construction  
 24 of a barge landing, dock, or other waterfront infra-  
 25 structure in a rural community or a Native village

1 (as defined in section 3 of the Alaska Native Claims  
 2 Settlement Act (43 U.S.C. 1602)) that is off the  
 3 road system.

4 “(k) PROJECTS IN RURAL AREAS.—

5 “(1) SET ASIDE.—Notwithstanding subsection  
 6 (c), in addition to the activities described in sub-  
 7 sections (b) and (g), of the amounts apportioned to  
 8 a State for each fiscal year to carry out this section,  
 9 not more than 15 percent may be—

10 “(A) used on eligible projects under sub-  
 11 section (b) or maintenance activities on roads  
 12 functionally classified as rural minor collectors  
 13 or local roads, ice roads, or seasonal roads; or

14 “(B) transferred to—

15 “(i) the Appalachian Highway System  
 16 Program under 14501 of title 40; or

17 “(ii) the Denali access system pro-  
 18 gram under section 309 of the Denali  
 19 Commission Act of 1998 (42 U.S.C. 3121  
 20 note; Public Law 105–277).

21 “(2) SAVINGS CLAUSE.—Amounts allocated  
 22 under subsection (d) shall not be used to carry out  
 23 this subsection, except at the request of the applica-  
 24 ble metropolitan planning organization.”.

25 (b) SET-ASIDE.—

1           (1) IN GENERAL.—Section 133(h) of title 23,  
2 United States Code, is amended—

3           (A) in paragraph (1)—

4                 (i) in the heading, by striking “RES-  
5 ERVATION OF FUNDS” and inserting “IN  
6 GENERAL”; and

7                 (ii) in the matter preceding subpara-  
8 graph (A), by striking “for each fiscal  
9 year” and all that follows through “and”  
10 at the end of subparagraph (A)(ii) and in-  
11 serting the following: “for fiscal year 2022  
12 and each fiscal year thereafter—

13                 “(A) the Secretary shall set aside an  
14 amount equal to 10 percent to carry out this  
15 subsection; and”;

16           (B) by striking paragraph (2) and insert-  
17 ing the following:

18           “(2) ALLOCATION WITHIN A STATE.—

19                 “(A) IN GENERAL.—Except as provided in  
20 subparagraph (B), funds set aside for a State  
21 under paragraph (1) shall be obligated within  
22 that State in the manner described in sub-  
23 section (d), except that, for purposes of this  
24 paragraph (after funds are made available  
25 under paragraph (5))—

1           “(i) for fiscal year 2022 and each fis-  
2           cal year thereafter, the percentage referred  
3           to in paragraph (1)(A) of that subsection  
4           shall be deemed to be 59 percent; and

5           “(ii) paragraph (3) of subsection (d)  
6           shall not apply.

7           “(B) LOCAL CONTROL.—A State may allo-  
8           cate up to 100 percent of the funds referred to  
9           in subparagraph (A)(i) if—

10           “(i) the State submits to the Sec-  
11           retary a plan that describes—

12           “(I) how funds will be allocated  
13           to counties, metropolitan planning or-  
14           ganizations, regional transportation  
15           planning organizations as described in  
16           section 135(m), or local governments;

17           “(II) how the entities described  
18           in subclause (I) will carry out a com-  
19           petitive process to select projects for  
20           funding and report selected projects  
21           to the State;

22           “(III) the legal, financial, and  
23           technical capacity of the entities de-  
24           scribed in subclause (I);

1                   “(IV) how input was gathered  
2                   from the entities described in sub-  
3                   clause (I) to ensure those entities will  
4                   be able to comply with the require-  
5                   ments of this subsection; and

6                   “(V) how the State will comply  
7                   with paragraph (8); and

8                   “(ii) the Secretary approves the plan  
9                   submitted under clause (i).”;

10                  (C) by striking paragraph (3) and insert-  
11                  ing the following:

12                  “(3) ELIGIBLE PROJECTS.—Funds set aside  
13                  under this subsection may be obligated for—

14                         “(A) projects or activities described in sec-  
15                         tion 101(a)(29) or 213, as those provisions  
16                         were in effect on the day before the date of en-  
17                         actment of the FAST Act (Public Law 114–94;  
18                         129 Stat. 1312);

19                         “(B) projects and activities under the safe  
20                         routes to school program under section 208;  
21                         and

22                         “(C) activities in furtherance of a vulner-  
23                         able road user safety assessment (as defined in  
24                         section 148(a)).”;

25                         (D) in paragraph (4)—

1 (i) by striking subparagraph (A);

2 (ii) by redesignating subparagraph  
3 (B) as subparagraph (A);

4 (iii) in subparagraph (A) (as so redesi-  
5 gnated)—

6 (I) by redesignating clauses (vii)  
7 and (viii) as clauses (viii) and (ix), re-  
8 spectively;

9 (II) by inserting after clause (vi)  
10 the following:

11 “(vii) a metropolitan planning organi-  
12 zation that serves an urbanized area with  
13 a population of 200,000 or fewer;”;

14 (III) in clause (viii) (as so redesi-  
15 gnated), by striking “responsible”  
16 and all that follows through “pro-  
17 grams; and” and inserting a semi-  
18 colon;

19 (IV) in clause (ix) (as so redesi-  
20 gnated)—

21 (aa) by inserting “that  
22 serves an urbanized area with a  
23 population of over 200,000” after  
24 “metropolitan planning organiza-  
25 tion”; and

1 (bb) by striking the period  
2 at the end and inserting “; and”;  
3 and

4 (V) by adding at the end the fol-  
5 lowing:

6 “(x) a State, at the request of an enti-  
7 ty described in clauses (i) through (ix).”;  
8 and

9 (iv) by adding at the end the fol-  
10 lowing:

11 “(B) COMPETITIVE PROCESS.—A State or  
12 metropolitan planning organization required to  
13 obligate funds in accordance with paragraph (2)  
14 shall develop a competitive process to allow eli-  
15 gible entities to submit projects for funding  
16 that achieve the objectives of this subsection.

17 “(C) SELECTION.—A metropolitan plan-  
18 ning organization for an area described in sub-  
19 section (d)(1)(A)(i) shall select projects under  
20 the competitive process described in subpara-  
21 graph (B) in consultation with the relevant  
22 State.

23 “(D) PRIORITIZATION.—The competitive  
24 process described in subparagraph (B) shall in-  
25 clude prioritization of project location and im-



1 pact in high-need areas as defined by the State,  
2 such as low-income, transit-dependent, rural, or  
3 other areas.”;

4 (E) in paragraph (5)(A), by striking “re-  
5 served under this section” and inserting “set  
6 aside under this subsection”;

7 (F) in paragraph (6)—

8 (i) in subparagraph (B), by striking  
9 “reserved” and inserting “set aside”; and

10 (ii) by adding at the end the fol-  
11 lowing:

12 “(C) IMPROVING ACCESSIBILITY AND EFFI-  
13 CIENCY.—

14 “(i) IN GENERAL.—A State may use  
15 an amount equal to not more than 5 per-  
16 cent of the funds set aside for the State  
17 under this subsection, after allocating  
18 funds in accordance with paragraph  
19 (2)(A), to improve the ability of applicants  
20 to access funding for projects under this  
21 subsection in an efficient and expeditious  
22 manner by providing—

23 “(I) to applicants for projects  
24 under this subsection application as-  
25 sistance, technical assistance, and as-

1                   sistance in reducing the period of time  
2                   between the selection of the project  
3                   and the obligation of funds for the  
4                   project; and

5                   “(II) funding for 1 or more full-  
6                   time State employee positions to ad-  
7                   minister this subsection.

8                   “(ii) USE OF FUNDS.—Amounts used  
9                   under clause (i) may be expended—

10                   “(I) directly by the State; or

11                   “(II) through contracts with  
12                   State agencies, private entities, or  
13                   nonprofit entities.”;

14                   (G) by redesignating paragraph (7) as  
15                   paragraph (8);

16                   (H) by inserting after paragraph (6) the  
17                   following:

18                   “(7) FEDERAL SHARE.—

19                   “(A) REQUIRED AGGREGATE NON-FED-  
20                   ERAL SHARE.—The average annual non-Federal  
21                   share of the total cost of all projects for which  
22                   funds are obligated under this subsection in a  
23                   State for a fiscal year shall be not less than the  
24                   average non-Federal share of the cost of the  
25                   projects that would otherwise apply.

1           “(B) FLEXIBLE FINANCING.—Subject to  
2 subparagraph (A), notwithstanding section  
3 120—

4           “(i) funds made available to carry out  
5 section 148 may be credited toward the  
6 non-Federal share of the costs of a project  
7 under this subsection if the project—

8           “(I) is an eligible project de-  
9 scribed in section 148(e)(1); and

10           “(II) is consistent with the State  
11 strategic highway safety plan (as de-  
12 fined in section 148(a));

13           “(ii) the non-Federal share for a  
14 project under this subsection may be cal-  
15 culated on a project, multiple-project, or  
16 program basis; and

17           “(iii) the Federal share of the cost of  
18 an individual project in this section may be  
19 up to 100 percent.

20           “(C) REQUIREMENT.—Subparagraph (B)  
21 shall only apply to a State if the State has ade-  
22 quate financial controls, as certified by the Sec-  
23 retary, to account for the average annual non-  
24 Federal share under this paragraph.”; and

1 (I) in subparagraph (A) of paragraph (8)  
2 (as so redesignated)—

3 (i) in the matter preceding clause (i),  
4 by striking “describes” and inserting “in-  
5 cludes”; and

6 (ii) by striking clause (ii) and insert-  
7 ing the following:

8 “(ii) a list of each project selected for  
9 funding for each fiscal year, including, for  
10 each project—

11 “(I) the fiscal year during which  
12 the project was selected;

13 “(II) the fiscal year in which the  
14 project is anticipated to be funded;

15 “(III) the recipient;

16 “(IV) the location, including the  
17 congressional district;

18 “(V) the type;

19 “(VI) the cost; and

20 “(VII) a brief description.”.

21 (2) STATE TRANSFERABILITY.—Section  
22 126(b)(2) of title 23, United States Code, is amend-  
23 ed—

24 (A) by striking the period at the end and  
25 inserting “; and”;

1 (B) by striking “reserved for a State under  
 2 section 133(h) for a fiscal year may” and in-  
 3 serting the following: “set aside for a State  
 4 under section 133(h) for a fiscal year—

5 “(A) may”; and

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

7 “(B) may only be transferred if the Sec-  
 8 retary certifies that the State—

9 “(i) held a competition in compliance  
 10 with the guidance issued to carry out sec-  
 11 tion 133(h) and provided sufficient time  
 12 for applicants to apply;

13 “(ii) offered to each eligible entity,  
 14 and provided on request of an eligible enti-  
 15 ty, technical assistance; and

16 “(iii) demonstrates that there were  
 17 not sufficiently suitable applications from  
 18 eligible entities to use the funds to be  
 19 transferred.”.

20 **SEC. 1110. NATIONALLY SIGNIFICANT FREIGHT AND HIGH-**  
 21 **WAY PROJECTS.**

22 (a) IN GENERAL.—Section 117 of title 23, United  
 23 States Code, is amended—

24 (1) in subsection (a)(2)—

1 (A) in subparagraph (A), by inserting “in  
2 and across rural and urban areas” after “peo-  
3 ple”; and

4 (B) in subparagraph (F), by inserting “,  
5 including highways that support movement of  
6 energy equipment” after “security”;

7 (2) in subsection (b), by adding at the end the  
8 following:

9 “(3) GRANT ADMINISTRATION.—The Secretary  
10 may—

11 “(A) retain not more than a total of 2 per-  
12 cent of the funds made available to carry out  
13 this section for the National Surface Transpor-  
14 tation and Innovative Finance Bureau to review  
15 applications for grants under this section; and

16 “(B) transfer portions of the funds re-  
17 tained under subparagraph (A) to the relevant  
18 Administrators to fund the award and oversight  
19 of grants provided under this section.”;

20 (3) in subsection (c)(1)—

21 (A) by redesignating subparagraph (H) as  
22 subparagraph (I); and

23 (B) by inserting after subparagraph (G)  
24 the following:

25 “(H) A multistate corridor organization.”;

- 1 (4) in subsection (d)—
- 2 (A) in paragraph (1)(A)—
- 3 (i) in clause (iii)(II), by striking “or”
- 4 at the end;
- 5 (ii) in clause (iv), by striking “and” at
- 6 the end; and
- 7 (iii) by adding at the end the fol-
- 8 lowing:
- 9 “(v) a wildlife crossing project;
- 10 “(vi) a surface transportation infra-
- 11 structure project that—
- 12 “(I) is located within the bound-
- 13 aries of or functionally connected to
- 14 an international border crossing area
- 15 in the United States;
- 16 “(II) improves a transportation
- 17 facility owned by a Federal, State, or
- 18 local government entity; and
- 19 “(III) increases throughput effi-
- 20 ciency of the border crossing described
- 21 in subclause (I), including—
- 22 “(aa) a project to add lanes;
- 23 “(bb) a project to add tech-
- 24 nology; and

1 “(cc) other surface transpor-  
2 tation improvements; or

3 “(vii) a project for a marine highway  
4 corridor designated by the Secretary under  
5 section 55601(c) of title 46 (including an  
6 inland waterway corridor), if the Secretary  
7 determines that the project—

8 “(I) is functionally connected to  
9 the National Highway Freight Net-  
10 work; and

11 “(II) is likely to reduce on-road  
12 mobile source emissions; and”;

13 (B) in paragraph (2)(A), in the matter  
14 preceding clause (i)—

15 (i) by striking “\$500,000,000” and  
16 inserting “30 percent”; and

17 (ii) by striking “fiscal years 2016  
18 through 2020, in the aggregate,” and in-  
19 serting “each of fiscal years 2022 through  
20 2026”;

21 (5) in subsection (e)—

22 (A) in paragraph (1), by striking “10 per-  
23 cent” and inserting “not less than 15 percent”;

24 (B) in paragraph (3)—



1 (i) in subparagraph (A), by striking  
2 “and” at the end;

3 (ii) in subparagraph (B), by striking  
4 the period at the end and inserting “;  
5 and”; and

6 (iii) by adding at the end the fol-  
7 lowing:

8 “(C) the effect of the proposed project on  
9 safety on freight corridors with significant haz-  
10 ards, such as high winds, heavy snowfall, flood-  
11 ing, rockslides, mudslides, wildfire, wildlife  
12 crossing onto the roadway, or steep grades.”;  
13 and

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

15 “(4) REQUIREMENT.—Of the amounts reserved  
16 under paragraph (1), not less than 30 percent shall  
17 be used for projects in rural areas (as defined in  
18 subsection (i)(3)).”;

19 (6) in subsection (h)—

20 (A) in paragraph (2), by striking “and” at  
21 the end;

22 (B) in paragraph (3), by striking the pe-  
23 riod at the end and inserting a semicolon; and

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

1           “(4) enhancement of freight resilience to nat-  
2           ural hazards or disasters, including high winds,  
3           heavy snowfall, flooding, rockslides, mudslides, wild-  
4           fire, wildlife crossing onto the roadway, or steep  
5           grades;

6           “(5) whether the project will improve the  
7           shared transportation corridor of a multistate cor-  
8           ridor organization, if applicable; and

9           “(6) prioritizing projects located in States in  
10          which neither the State nor an eligible entity in that  
11          State has been awarded a grant under this section.”;

12          (7) in subsection (i)(2), by striking “other  
13          grants under this section” and inserting “grants  
14          under subsection (e)”;

15          (8) in subsection (j)—

16                 (A) by striking the subsection designation  
17                 and heading and all that follows through “The  
18                 Federal share” in paragraph (1) and inserting  
19                 the following:

20                 “(j) FEDERAL ASSISTANCE.—

21                         “(1) FEDERAL SHARE.—

22                                 “(A) IN GENERAL.—Except as provided in  
23                                 subparagraph (B) or for a grant under sub-  
24                                 section (q), the Federal share”;

1 (B) in paragraph (1), by adding at the end  
2 the following:

3 “(B) SMALL PROJECTS.—In the case of a  
4 project described in subsection (e)(1), the Fed-  
5 eral share of the cost of the project shall be 80  
6 percent.”; and

7 (C) in paragraph (2)—

8 (i) by striking “Federal assistance  
9 other” and inserting “Except for grants  
10 under subsection (q), Federal assistance  
11 other”; and

12 (ii) by striking “except that the total  
13 Federal” and inserting the following: “ex-  
14 cept that—

15 “(A) for a State with a population density  
16 of not more than 80 persons per square mile of  
17 land area, based on the 2010 census, the max-  
18 imum share of the total Federal assistance pro-  
19 vided for a project receiving a grant under this  
20 section shall be the applicable share under sec-  
21 tion 120(b); and

22 “(B) for a State not described in subpara-  
23 graph (A), the total Federal”;

24 (9) by redesignating subsections (k) through  
25 (n) as subsections (l), (m), (n), and (p), respectively;

1           (10) by inserting after subsection (j) the fol-  
2           lowing:

3           “(k) EFFICIENT USE OF NON-FEDERAL FUNDS.—

4           “(1) IN GENERAL.—Notwithstanding any other  
5           provision of law and subject to approval by the Sec-  
6           retary under paragraph (2)(B), in the case of any  
7           grant for a project under this section, during the pe-  
8           riod beginning on the date on which the grant recipi-  
9           ent is selected and ending on the date on which the  
10          grant agreement is signed—

11           “(A) the grant recipient may obligate and  
12           expend non-Federal funds with respect to the  
13           project for which the grant is provided; and

14           “(B) any non-Federal funds obligated or  
15           expended in accordance with subparagraph (A)  
16           shall be credited toward the non-Federal cost  
17           share for the project for which the grant is pro-  
18           vided.

19          “(2) REQUIREMENTS.—

20           “(A) APPLICATION.—In order to obligate  
21           and expend non-Federal funds under paragraph  
22           (1), the grant recipient shall submit to the Sec-  
23           retary a request to obligate and expend non-  
24           Federal funds under that paragraph, includ-  
25           ing—

1                   “(i) a description of the activities the  
2                   grant recipient intends to fund;

3                   “(ii) a justification for advancing the  
4                   activities described in clause (i), including  
5                   an assessment of the effects to the project  
6                   scope, schedule, and budget if the request  
7                   is not approved; and

8                   “(iii) the level of risk of the activities  
9                   described in clause (i).

10                  “(B) APPROVAL.—The Secretary shall ap-  
11                  prove or disapprove each request submitted  
12                  under subparagraph (A).

13                  “(C) COMPLIANCE WITH APPLICABLE RE-  
14                  QUIREMENTS.—Any non-Federal funds obli-  
15                  gated or expended under paragraph (1) shall  
16                  comply with all applicable requirements, includ-  
17                  ing any requirements included in the grant  
18                  agreement.

19                  “(3) EFFECT.—The obligation or expenditure  
20                  of any non-Federal funds in accordance with this  
21                  subsection shall not—

22                         “(A) affect the signing of a grant agree-  
23                         ment or other applicable grant procedures with  
24                         respect to the applicable grant;

1           “(B) create an obligation on the part of  
2           the Federal Government to repay any non-Fed-  
3           eral funds if the grant agreement is not signed;  
4           or

5           “(C) affect the ability of the recipient of  
6           the grant to obligate or expend non-Federal  
7           funds to meet the non-Federal cost share for  
8           the project for which the grant is provided after  
9           the period described in paragraph (1).”;

10          (11) by inserting after subsection (n) (as so re-  
11          designated) the following:

12          “(o) APPLICANT NOTIFICATION.—

13                 “(1) IN GENERAL.—Not later than 60 days  
14                 after the date on which a grant recipient for a  
15                 project under this section is selected, the Secretary  
16                 shall provide to each eligible applicant not selected  
17                 for that grant a written notification that the eligible  
18                 applicant was not selected.

19                 “(2) INCLUSION.—A written notification under  
20                 paragraph (1) shall include an offer for a written or  
21                 telephonic debrief by the Secretary that will pro-  
22                 vide—

23                         “(A) detail on the evaluation of the appli-  
24                         cation of the eligible applicant; and

1           “(B) an explanation of and guidance on  
2 the reasons the application was not selected for  
3 a grant under this section.

4           “(3) RESPONSE.—

5           “(A) IN GENERAL.—Not later than 30  
6 days after the eligible applicant receives a writ-  
7 ten notification under paragraph (1), if the eli-  
8 gible applicant opts to receive a debrief de-  
9 scribed in paragraph (2), the eligible applicant  
10 shall notify the Secretary that the eligible appli-  
11 cant is requesting a debrief.

12           “(B) DEBRIEF.—If the eligible applicant  
13 submits a request for a debrief under subpara-  
14 graph (A), the Secretary shall provide the de-  
15 brief by not later than 60 days after the date  
16 on which the Secretary receives the request for  
17 a debrief.”; and

18           (12) by striking subsection (p) (as so redesign-  
19 nated) and inserting the following:

20           “(p) REPORTS.—

21           “(1) ANNUAL REPORT.—

22           “(A) IN GENERAL.—Notwithstanding any  
23 other provision of law, not later than 30 days  
24 after the date on which the Secretary selects a  
25 project for funding under this section, the Sec-

1           retary shall submit to the Committee on Envi-  
2           ronment and Public Works of the Senate and  
3           the Committee on Transportation and Infra-  
4           structure of the House of Representatives a re-  
5           port that describes the reasons for selecting the  
6           project, based on any criteria established by the  
7           Secretary in accordance with this section.

8           “(B) INCLUSIONS.—The report submitted  
9           under subparagraph (A) shall specify each cri-  
10          terion established by the Secretary that the  
11          project meets.

12          “(C) AVAILABILITY.—The Secretary shall  
13          make available on the website of the Depart-  
14          ment of Transportation the report submitted  
15          under subparagraph (A).

16          “(D) APPLICABILITY.—This paragraph ap-  
17          plies to all projects described in subparagraph  
18          (A) that the Secretary selects on or after Octo-  
19          ber 1, 2021.

20          “(2) COMPTROLLER GENERAL.—

21                 “(A) ASSESSMENT.—The Comptroller Gen-  
22                 eral of the United States shall conduct an as-  
23                 sessment of the establishment, solicitation, se-  
24                 lection, and justification process with respect to  
25                 the funding of projects under this section.



1           “(B) REPORT.—Not later than 1 year  
2 after the date of enactment of the Surface  
3 Transportation Reauthorization Act of 2021  
4 and annually thereafter, the Comptroller Gen-  
5 eral of the United States shall submit to the  
6 Committee on Environment and Public Works  
7 of the Senate and the Committee on Transpor-  
8 tation and Infrastructure of the House of Rep-  
9 resentatives a report that describes, for each  
10 project selected to receive funding under this  
11 section—

12                   “(i) the process by which each project  
13 was selected;

14                   “(ii) the factors that went into the se-  
15 lection of each project; and

16                   “(iii) the justification for the selection  
17 of each project based on any criteria estab-  
18 lished by the Secretary in accordance with  
19 this section.

20           “(3) INSPECTOR GENERAL.—Not later than 1  
21 year after the date of enactment of the Surface  
22 Transportation Reauthorization Act of 2021 and an-  
23 nually thereafter, the Inspector General of the De-  
24 partment of Transportation shall—

1           “(A) conduct an assessment of the estab-  
2           lishment, solicitation, selection, and justification  
3           process with respect to the funding of projects  
4           under this section; and

5           “(B) submit to the Committee on Environ-  
6           ment and Public Works of the Senate and the  
7           Committee on Transportation and Infrastruc-  
8           ture of the House of Representatives a final re-  
9           port that describes the findings of the Inspector  
10          General of the Department of Transportation  
11          with respect to the assessment conducted under  
12          subparagraph (A).

13          “(q) STATE INCENTIVES PILOT PROGRAM.—

14                 “(1) ESTABLISHMENT.—There is established a  
15                 pilot program to award grants to eligible applicants  
16                 for projects eligible for grants under this section (re-  
17                 ferred to in this subsection as the ‘pilot program’).

18                 “(2) PRIORITY.—In awarding grants under the  
19                 pilot program, the Secretary shall give priority to an  
20                 application that offers a greater non-Federal share  
21                 of the cost of a project relative to other applications  
22                 under the pilot program.

23                 “(3) FEDERAL SHARE.—

24                         “(A) IN GENERAL.—Notwithstanding any  
25                         other provision of law, the Federal share of the

1 cost of a project assisted with a grant under the  
2 pilot program may not exceed 50 percent.

3 “(B) NO FEDERAL INVOLVEMENT.—

4 “(i) IN GENERAL.—For grants award-  
5 ed under the pilot program, except as pro-  
6 vided in clause (ii), an eligible applicant  
7 may not use Federal assistance to satisfy  
8 the non-Federal share of the cost under  
9 subparagraph (A).

10 “(ii) EXCEPTION.—An eligible appli-  
11 cant may use funds from a secured loan  
12 (as defined in section 601(a)) to satisfy the  
13 non-Federal share of the cost under sub-  
14 paragraph (A) if the loan is repayable from  
15 non-Federal funds.

16 “(4) RESERVATION.—

17 “(A) IN GENERAL.—Of the amounts made  
18 available to provide grants under this section,  
19 the Secretary shall reserve for each fiscal year  
20 \$150,000,000 to provide grants under the pilot  
21 program.

22 “(B) UNUTILIZED AMOUNTS.—In any fis-  
23 cal year during which applications under this  
24 subsection are insufficient to effect an award or  
25 allocation of the entire amount reserved under

1           subparagraph (A), the Secretary shall use the  
2           unutilized amounts to provide other grants  
3           under this section.

4           “(5) SET-ASIDES.—

5                 “(A) SMALL PROJECTS.—

6                     “(i) IN GENERAL.—Of the amounts  
7                     reserved under paragraph (4)(A), the Sec-  
8                     retary shall reserve for each fiscal year not  
9                     less than 10 percent for projects eligible  
10                    for a grant under subsection (e).

11                   “(ii) REQUIREMENT.—For a grant  
12                    awarded from the amount reserved under  
13                    clause (i)—

14                         “(I) the requirements of sub-  
15                         section (e) shall apply; and

16                         “(II) the requirements of sub-  
17                         section (g) shall not apply.

18                 “(B) RURAL PROJECTS.—

19                     “(i) IN GENERAL.—Of the amounts  
20                     reserved under paragraph (4)(A), the Sec-  
21                     retary shall reserve for each fiscal year not  
22                     less than 25 percent for projects eligible  
23                     for a grant under subsection (i).

24                     “(ii) REQUIREMENT.—For a grant  
25                     awarded from the amount reserved under

1 clause (i), the requirements of subsection  
2 (i) shall apply.

3 “(6) REPORT TO CONGRESS.—Not later than 2  
4 years after the date of enactment of this subsection,  
5 the Secretary shall submit to the Committee on En-  
6 vironment and Public Works of the Senate and the  
7 Committee on Transportation and Infrastructure of  
8 the House of Representatives a report that describes  
9 the administration of the pilot program, including—

10 “(A) the number, types, and locations of  
11 eligible applicants that have applied for grants  
12 under the pilot program;

13 “(B) the number, types, and locations of  
14 grant recipients under the pilot program;

15 “(C) an assessment of whether implemen-  
16 tation of the pilot program has incentivized eli-  
17 gible applicants to offer a greater non-Federal  
18 share for grants under the pilot program; and

19 “(D) any recommendations for modifica-  
20 tions to the pilot program.

21 “(r) MULTISTATE CORRIDOR ORGANIZATION DE-  
22 FINED.—For purposes of this section, the term ‘multistate  
23 corridor organization’ means an organization of a group  
24 of States developed through cooperative agreements, coal-  
25 tions, or other arrangements to promote regional coopera-

1 tion, planning, and shared project implementation for pro-  
 2 grams and projects to improve transportation system man-  
 3 agement and operations for a shared transportation cor-  
 4 ridor.”.

5 (b) EFFICIENT USE OF NON-FEDERAL FUNDS.—

6 (1) IN GENERAL.—Notwithstanding any other  
 7 provision of law, in the case of a grant described in  
 8 paragraph (2), section 117(k) of title 23, United  
 9 States Code, shall apply to the grant as if the grant  
 10 was a grant provided under that section.

11 (2) GRANT DESCRIBED.—A grant referred to in  
 12 paragraph (1) is a grant that is—

13 (A) provided under a competitive discre-  
 14 tionary grant program administered by the  
 15 Federal Highway Administration;

16 (B) for a project eligible under title 23,  
 17 United States Code; and

18 (C) in an amount greater than \$5,000,000.

19 **SEC. 1111. HIGHWAY SAFETY IMPROVEMENT PROGRAM.**

20 (a) IN GENERAL.—Section 148 of title 23, United  
 21 States Code, is amended—

22 (1) in subsection (a)—

23 (A) in paragraph (4)(B)—

24 (i) in clause (i), by inserting “that  
 25 provides for the safety of all road users, as

1 appropriate, including a multimodal round-  
2 about” after “improvement”;

3 (ii) in clause (vi), by inserting “or a  
4 grade separation project” after “devices”;

5 (iii) by striking clause (viii) and in-  
6 sserting the following:

7 “(viii) Construction or installation of  
8 features, measures, and road designs to  
9 calm traffic and reduce vehicle speeds.”;

10 (iv) by striking clause (xxvi) and in-  
11 sserting the following:

12 “(xxvi) Installation or upgrades of  
13 traffic control devices for pedestrians and  
14 bicyclists, including pedestrian hybrid bea-  
15 cons and the addition of bicycle movement  
16 phases to traffic signals.”; and

17 (v) by striking clauses (xxvii) and  
18 (xxviii) and inserting the following:

19 “(xxvii) Roadway improvements that  
20 provide separation between pedestrians and  
21 motor vehicles or between bicyclists and  
22 motor vehicles, including medians, pedes-  
23 trian crossing islands, protected bike lanes,  
24 and protected intersection features.

1           “(xxviii) A pedestrian security feature  
2           designed to slow or stop a motor vehicle.

3           “(xxix) A physical infrastructure safe-  
4           ty project not described in clauses (i)  
5           through (xxviii).”;

6           (B) by redesignating paragraphs (9)  
7           through (12) as paragraphs (10), (12), (13),  
8           and (14), respectively;

9           (C) by inserting after paragraph (8) the  
10          following:

11          “(9) SAFE SYSTEM APPROACH.—The term ‘safe  
12          system approach’ means a roadway design—

13                 “(A) that emphasizes minimizing the risk  
14                 of injury or fatality to road users; and

15                 “(B) that—

16                         “(i) takes into consideration the possi-  
17                         bility and likelihood of human error;

18                         “(ii) accommodates human injury tol-  
19                         erance by taking into consideration likely  
20                         accident types, resulting impact forces, and  
21                         the ability of the human body to withstand  
22                         impact forces; and

23                         “(iii) takes into consideration vulner-  
24                         able road users.”;



1 (D) by inserting after paragraph (10) (as  
2 so redesignated) the following:

3 “(11) SPECIFIED SAFETY PROJECT.—

4 “(A) IN GENERAL.—The term ‘specified  
5 safety project’ means a project carried out for  
6 the purpose of safety under any other section of  
7 this title that is consistent with the State stra-  
8 tegic highway safety plan.

9 “(B) INCLUSION.—The term ‘specified  
10 safety project’ includes a project that—

11 “(i) promotes public awareness and  
12 informs the public regarding highway safe-  
13 ty matters (including safety for motorcy-  
14 clists, bicyclists, pedestrians, individuals  
15 with disabilities, and other road users);

16 “(ii) facilitates enforcement of traffic  
17 safety laws;

18 “(iii) provides infrastructure and in-  
19 frastructure-related equipment to support  
20 emergency services;

21 “(iv) conducts safety-related research  
22 to evaluate experimental safety counter-  
23 measures or equipment; or

1                   “(v) supports safe routes to school  
2                   noninfrastructure-related activities de-  
3                   scribed in section 208(g)(2).”;

4                   (E) in paragraph (13) (as so redesign-  
5                   nated)—

6                   (i) by redesignating subparagraphs  
7                   (G), (H), and (I) as subparagraphs (H),  
8                   (I), and (J), respectively; and

9                   (ii) by inserting after subparagraph  
10                  (F) the following;

11                  “(G) includes a vulnerable road user safety  
12                  assessment;”;

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

14                  “(15) VULNERABLE ROAD USER.—The term  
15                  ‘vulnerable road user’ means a nonmotorist—

16                         “(A) with a fatality analysis reporting sys-  
17                         tem person attribute code that is included in  
18                         the definition of the term ‘number of non-mo-  
19                         torized fatalities’ in section 490.205 of title 23,  
20                         Code of Federal Regulations (or successor regu-  
21                         lations); or

22                         “(B) described in the term ‘number of  
23                         non-motorized serious injuries’ in that section.

24                  “(16) VULNERABLE ROAD USER SAFETY AS-  
25                  SESSMENT.—The term ‘vulnerable road user safety

1 assessment’ means an assessment of the safety per-  
2 formance of the State with respect to vulnerable  
3 road users and the plan of the State to improve the  
4 safety of vulnerable road users as described in sub-  
5 section (1).”;

6 (2) in subsection (c)—

7 (A) in paragraph (1)(A), by striking “sub-  
8 sections (a)(11)” and inserting “subsections  
9 (a)(13)”; and

10 (B) in paragraph (2)—

11 (i) in subparagraph (A)(vi), by insert-  
12 ing “and to differentiate the safety data  
13 for vulnerable road users, including  
14 bicyclists, motorcycleists, and pedestrians,  
15 from other road users” after “crashes”;

16 (ii) in subparagraph (B)(i), by strik-  
17 ing “(including motorcycleists), bicyclists,  
18 pedestrians,” and inserting “, vulnerable  
19 road users (including motorcycleists,  
20 bicyclists, pedestrians),”; and

21 (iii) in subparagraph (D)—

22 (I) in clause (iv), by striking  
23 “and” at the end;

1 (II) in clause (v), by striking the  
2 semicolon at the end and inserting “;  
3 and”; and

4 (III) by adding at the end the  
5 following:

6 “(vi) improves the ability of the State  
7 to differentiate the fatalities and serious  
8 injuries of vulnerable road users, including  
9 bicyclists, motorcyclists, and pedestrians,  
10 from other road users;”;

11 (3) in subsection (d)(2)(B)(i), by striking “sub-  
12 section (a)(11)” and inserting “subsection (a)(13)”;

13 (4) in subsection (e), by adding at the end the  
14 following:

15 “(3) FLEXIBLE FUNDING FOR SPECIFIED SAFE-  
16 TY PROJECTS.—

17 “(A) IN GENERAL.—To advance the imple-  
18 mentation of a State strategic highway safety  
19 plan, a State may use not more than 10 percent  
20 of the amounts apportioned to the State under  
21 section 104(b)(3) for a fiscal year to carry out  
22 specified safety projects.

23 “(B) RULE OF CONSTRUCTION.—Nothing  
24 in this paragraph requires a State to revise any

1 State process, plan, or program in effect on the  
2 date of enactment of this paragraph.

3 “(C) EFFECT OF PARAGRAPH.—

4 “(i) REQUIREMENTS.—A project car-  
5 ried out under this paragraph shall be sub-  
6 ject to all requirements under this section  
7 that apply to a highway safety improve-  
8 ment project.

9 “(ii) OTHER APPORTIONED PRO-  
10 GRAMS.—Nothing in this paragraph pro-  
11 hibits the use of funds made available  
12 under other provisions of this title for a  
13 specified safety project that is a noninfra-  
14 structure project.”;

15 (5) in subsection (g), by adding at the end the  
16 following:

17 “(3) VULNERABLE ROAD USER SAFETY.—If the  
18 total annual fatalities of vulnerable road users in a  
19 State represents not less than 15 percent of the  
20 total annual crash fatalities in the State, that State  
21 shall be required to obligate not less than 15 percent  
22 of the amounts apportioned to the State under sec-  
23 tion 104(b)(3) for the following fiscal year for high-  
24 way safety improvement projects to address the safe-  
25 ty of vulnerable road users.”; and

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

2 “(1) VULNERABLE ROAD USER SAFETY ASSESS-  
3 MENT.—

4 “(1) IN GENERAL.—Not later than 2 years  
5 after the date of enactment of this subsection, each  
6 State shall complete a vulnerable road user safety  
7 assessment.

8 “(2) CONTENTS.—A vulnerable road user safety  
9 assessment under paragraph (1) shall include—

10 “(A) a quantitative analysis of vulnerable  
11 road user fatalities and serious injuries that—

12 “(i) includes data such as location,  
13 roadway functional classification, design  
14 speed, speed limit, and time of day;

15 “(ii) considers the demographics of  
16 the locations of fatalities and serious inju-  
17 ries, including race, ethnicity, income, and  
18 age; and

19 “(iii) based on the data, identifies  
20 areas as ‘high-risk’ to vulnerable road  
21 users; and

22 “(B) a program of projects or strategies to  
23 reduce safety risks to vulnerable road users in  
24 areas identified as high-risk under subpara-  
25 graph (A)(iii).

1           “(3) USE OF DATA.—In carrying out a vulner-  
2           able road user safety assessment under paragraph  
3           (1), a State shall use data from the most recent 5-  
4           year period for which data is available.

5           “(4) REQUIREMENTS.—In carrying out a vul-  
6           nerable road user safety assessment under para-  
7           graph (1), a State shall—

8                   “(A) take into consideration a safe system  
9                   approach; and

10                   “(B) consult with local governments, met-  
11                   ropolitan planning organizations, and regional  
12                   transportation planning organizations that rep-  
13                   resent a high-risk area identified under para-  
14                   graph (2)(A)(iii).

15           “(5) UPDATE.—A State shall update the vul-  
16           nerable road user safety assessment of the State in  
17           accordance with the updates required to the State  
18           strategic highway safety plan under subsection (d).

19           “(6) REQUIREMENT FOR TRANSPORTATION SYS-  
20           TEM ACCESS.—The program of projects developed  
21           under paragraph (2)(B) may not degrade transpor-  
22           tation system access for vulnerable road users.

23           “(7) GUIDANCE.—

24                   “(A) IN GENERAL.—Not later than 1 year  
25                   after the date of enactment of this subsection,

1 the Secretary shall develop guidance for States  
2 to carry out this subsection.

3 “(B) CONSULTATION.—In developing the  
4 guidance under this paragraph, the Secretary  
5 shall consult with the States and relevant safety  
6 stakeholders.”.

7 (b) HIGH-RISK RURAL ROADS.—

8 (1) STUDY.—Not later than 2 years after the  
9 date of enactment of this Act, the Secretary shall  
10 update the study under section 1112(b)(1) of MAP–  
11 21 (23 U.S.C. 148 note; Public Law 112–141).

12 (2) PUBLICATION OF REPORT.—Not later than  
13 2 years after the date of enactment of this Act, the  
14 Secretary shall publish on the website of the Depart-  
15 ment of Transportation an update to the report de-  
16 scribed in section 1112(b)(2) of MAP–21 (23 U.S.C.  
17 148 note; Public Law 112–141).

18 (3) BEST PRACTICES MANUAL.—Not later than  
19 180 days after the date on which the report is pub-  
20 lished under paragraph (2), the Secretary shall up-  
21 date the best practices manual described in section  
22 1112(b)(3) of MAP–21 (23 U.S.C. 148 note; Public  
23 Law 112–141).



1 **SEC. 1112. FEDERAL LANDS TRANSPORTATION PROGRAM.**

2 Section 203(a) of title 23, United States Code, is  
3 amended—

4 (1) in paragraph (1)(D), by striking  
5 “\$10,000,000” and inserting “\$20,000,000”; and

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

7 “(6) NATIVE PLANT MATERIALS.—In carrying  
8 out an activity described in paragraph (1), the entity  
9 carrying out the activity shall consider, to the max-  
10 imum extent practicable—

11 “(A) the use of locally adapted native plant  
12 materials; and

13 “(B) designs that minimize runoff and  
14 heat generation.”.

15 **SEC. 1113. FEDERAL LANDS ACCESS PROGRAM.**

16 (a) FEDERAL SHARE.—Section 201 of title 23,  
17 United States Code, is amended—

18 (1) in subsection (b)(7)(B), by striking “deter-  
19 mined in accordance with section 120”, and insert-  
20 ing “be up to 100 percent”; and

21 (2) in subsection (c)(8)(A), by striking “5 per-  
22 cent” and inserting “20 percent”.

23 (b) FEDERAL LANDS ACCESS PROGRAM.—Section  
24 204(a) of title 23, United States Code, is amended—

25 (1) in paragraph (1)(A)—

1 (A) in the matter preceding clause (i), by  
2 inserting “context-sensitive solutions,” after  
3 “restoration,”;

4 (B) in clause (i), by inserting “, including  
5 interpretive panels in or adjacent to those  
6 areas” after “areas”;

7 (C) in clause (v), by striking “and” at the  
8 end;

9 (D) by redesignating clause (vi) as clause  
10 (ix); and

11 (E) by inserting after clause (v) the fol-  
12 lowing:

13 “(vi) contextual wayfinding markers;

14 “(vii) landscaping;

15 “(viii) cooperative mitigation of visual  
16 blight, including screening or removal;  
17 and”;

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

19 “(6) NATIVE PLANT MATERIALS.—In carrying  
20 out an activity described in paragraph (1), the Sec-  
21 retary shall ensure that the entity carrying out the  
22 activity considers, to the maximum extent prac-  
23 ticable—

24 “(A) the use of locally adapted native plant  
25 materials; and

1                   “(B) designs that minimize runoff and  
2                   heat generation.”.

3 **SEC. 1114. NATIONAL HIGHWAY FREIGHT PROGRAM.**

4           Section 167 of title 23, United States Code, is  
5 amended—

6           (1) in subsection (e)—

7                   (A) in paragraph (2), by striking “150  
8                   miles” and inserting “300 miles”; and

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

10           “(3) RURAL STATES.—Notwithstanding para-  
11           graph (2), a State with a population per square mile  
12           of area that is less than the national average, based  
13           on the 2010 census, may designate as critical rural  
14           freight corridors a maximum of 600 miles of high-  
15           way or 25 percent of the primary highway freight  
16           system mileage in the State, whichever is greater.”;

17           (2) in subsection (f)(4), by striking “75 miles”  
18           and inserting “150 miles”; and

19           (3) in subsection (i)(5)(B)—

20                   (A) in the matter preceding clause (i), by  
21                   striking “10 percent” and inserting “30 per-  
22                   cent”;

23                   (B) in clause (i), by striking “and” at the  
24                   end;

1 (C) in clause (ii), by striking the period at  
2 the end and inserting a semicolon; and

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

4 “(iii) for the modernization or reha-  
5 bilitation of a lock and dam, if the Sec-  
6 retary determines that the project—

7 “(I) is functionally connected to  
8 the National Highway Freight Net-  
9 work; and

10 “(II) is likely to reduce on-road  
11 mobile source emissions; and

12 “(iv) on a marine highway corridor,  
13 connector, or crossing designated by the  
14 Secretary under section 55601(c) of title  
15 46 (including an inland waterway corridor,  
16 connector, or crossing), if the Secretary de-  
17 termines that the project—

18 “(I) is functionally connected to  
19 the National Highway Freight Net-  
20 work; and

21 “(II) is likely to reduce on-road  
22 mobile source emissions.”.

1 **SEC. 1115. CONGESTION MITIGATION AND AIR QUALITY IM-**  
2 **PROVEMENT PROGRAM.**

3 Section 149 of title 23, United States Code, is  
4 amended—

5 (1) in subsection (b)—

6 (A) in the matter preceding paragraph (1),  
7 by striking “subsection (d)” and inserting “sub-  
8 sections (d) and (m)(1)(B)(ii)”;

9 (B) in paragraph (7), by inserting “shared  
10 micromobility (including bikesharing and shared  
11 scooter systems),” after “carsharing,”;

12 (C) in paragraph (8)—

13 (i) in subparagraph (A)—

14 (I) in the matter preceding clause  
15 (i), by inserting “replacements or” be-  
16 fore “retrofits”;

17 (II) by striking clause (i) and in-  
18 serting the following:

19 “(i) verified technologies (as defined  
20 in section 791 of the Energy Policy Act of  
21 2005 (42 U.S.C. 16131)) for motor vehi-  
22 cles (as defined in section 216 of the Clean  
23 Air Act (42 U.S.C. 7550)); or”; and

24 (III) in clause (ii)(II), by striking  
25 “or” at the end; and

1 (ii) in subparagraph (B), by inserting

2 “replacements or” before “retrofits”; and

3 (iii) by adding at the end the fol-

4 lowing:

5 “(C) the purchase of medium- or heavy-

6 duty zero emission vehicles and related charging

7 equipment;”;

8 (D) in paragraph (9), by striking the pe-

9 riod at the end and inserting a semicolon; and

10 (E) by adding at the end the following:

11 “(10) if the project is for the modernization or

12 rehabilitation of a lock and dam that—

13 “(A) is functionally connected to the Fed-

14 eral-aid highway system; and

15 “(B) the Secretary determines is likely to

16 contribute to the attainment or maintenance of

17 a national ambient air quality standard; or

18 “(11) if the project is on a marine highway cor-

19 ridor, connector, or crossing designated by the Sec-

20 retary under section 55601(e) of title 46 (including

21 an inland waterway corridor, connector, or crossing)

22 that—

23 “(A) is functionally connected to the Fed-

24 eral-aid highway system; and

1           “(B) the Secretary determines is likely to  
2           contribute to the attainment or maintenance of  
3           a national ambient air quality standard.”;

4           (2) in subsection (c), by adding at the end the  
5           following:

6           “(4) LOCKS AND DAMS; MARINE HIGHWAYS.—  
7           For each fiscal year, a State may not obligate more  
8           than 10 percent of the funds apportioned to the  
9           State under section 104(b)(4) for projects described  
10          in paragraphs (10) and (11) of subsection (b).”;

11          (3) in subsection (f)(4)(A), by inserting “and  
12          nonroad vehicles and nonroad engines used in con-  
13          struction projects or port-related freight operations”  
14          after “motor vehicles”;

15          (4) in subsection (g)—

16                (A) in paragraph (1)(B)—

17                   (i) in the subparagraph heading, by  
18                   inserting “REPLACEMENT OR” before  
19                   “RETROFIT”;

20                   (ii) by striking “The term ‘diesel ret-  
21                   rofit’” and inserting “The term ‘diesel re-  
22                   placement or retrofit’”; and

23                   (iii) by inserting “or retrofit” after  
24                   “replacement”;

1 (B) in paragraph (2), in the matter pre-  
 2 ceding subparagraph (A), by inserting “replac-  
 3 ment or” before “retrofit”; and

4 (C) in paragraph (3), by inserting “re-  
 5 placements or” before “retrofits”;

6 (5) in subsection (k)(1), by striking “that re-  
 7 duce such fine particulate matter emissions in such  
 8 area, including diesel retrofits.” and inserting  
 9 “that—

10 “(A) reduce such fine particulate matter  
 11 emissions in such area, including diesel replace-  
 12 ments or retrofits; and

13 “(B) to the extent practicable, prioritize  
 14 benefits to minority populations or low-income  
 15 populations living in, or immediately adjacent  
 16 to, such area.”;

17 (6) in subsection (l), by adding at the following:

18 “(3) ASSISTANCE TO METROPOLITAN PLANNING  
 19 ORGANIZATIONS.—

20 “(A) IN GENERAL.—On the request of a  
 21 metropolitan planning organization, the Sec-  
 22 retary may assist the metropolitan planning or-  
 23 ganization tracking progress made in minority  
 24 or low-income populations as part of a perform-  
 25 ance plan under this subsection.



1           “(B) SAVINGS PROVISION.—Nothing in  
2 this paragraph provides the Secretary the au-  
3 thority—

4                   “(i) to change the performance meas-  
5 ures under section 150(c)(5) or the per-  
6 formance targets established under section  
7 134(h)(2) or 150(d); or

8                   “(ii) to establish any other Federal re-  
9 quirement.”; and

10           (7) by striking subsection (m) and inserting the  
11 following:

12           “(m) OPERATING ASSISTANCE.—

13                   “(1) IN GENERAL.—A State may obligate funds  
14 apportioned under section 104(b)(4) in an area of  
15 the State that is otherwise eligible for obligations of  
16 such funds for operating costs—

17                   “(A) under chapter 53 of title 49; or

18                   “(B) on—

19                   “(i) a system for which CMAQ fund-  
20 ing was eligible, made available, obligated,  
21 or expended in fiscal year 2012; or

22                   “(ii) a State-supported Amtrak route  
23 with a valid cost-sharing agreement under  
24 section 209 of the Passenger Rail Invest-  
25 ment and Improvement Act of 2008 (49

1 U.S.C. 24101 note; Public Law 110–432)  
2 and no current nonattainment areas under  
3 subsection (d).

4 “(2) NO TIME LIMITATION.—Operating assist-  
5 ance provided under paragraph (1) shall have no im-  
6 posed time limitation if the operating assistance is  
7 for—

8 “(A) a route described in subparagraph  
9 (B)(ii) of that paragraph; or

10 “(B) a transit system that is located in—

11 “(i) a non-urbanized area; or

12 “(ii) an urbanized area with a popu-  
13 lation of 200,000 or fewer.”.

14 **SEC. 1116. ALASKA HIGHWAY.**

15 Section 218 of title 23, United States Code, is  
16 amended to read as follows:

17 **“§ 218. Alaska Highway**

18 “(a) Recognizing the benefits that will accrue to the  
19 State of Alaska and to the United States from the recon-  
20 struction of the Alaska Highway from the Alaskan border  
21 at Beaver Creek, Yukon Territory, to Haines Junction in  
22 Canada and the Haines Cutoff Highway from Haines  
23 Junction in Canada to Haines, Alaska, the Secretary may  
24 provide for the necessary reconstruction of the highway  
25 using funds awarded through an applicable competitive

1 grant program, if the highway meets all applicable eligi-  
2 bility requirements for the program, except for the specific  
3 requirements established by the agreement for the Alaska  
4 Highway Project between the Government of the United  
5 States and the Government of Canada. In addition to the  
6 funds described in the previous sentence, notwithstanding  
7 any other provision of law and on agreement with the  
8 State of Alaska, the Secretary is authorized to expend on  
9 such highway or the Alaska Marine Highway System any  
10 Federal-aid highway funds apportioned to the State of  
11 Alaska under this title at a Federal share of 100 per cen-  
12 tum. No expenditures shall be made for the construction  
13 of the portion of such highways that are in Canada unless  
14 an agreement is in place between the Government of Can-  
15 ada and the Government of the United States (including  
16 an agreement in existence on the date of enactment of the  
17 Surface Transportation Reauthorization Act of 2021) that  
18 provides, in part, that the Canadian Government—

19           “(1) will provide, without participation of funds  
20           authorized under this title, all necessary right-of-way  
21           for the reconstruction of such highways;

22           “(2) will not impose any highway toll, or permit  
23           any such toll to be charged for the use of such high-  
24           ways by vehicles or persons;

1           “(3) will not levy or assess, directly or indi-  
2           rectly, any fee, tax, or other charge for the use of  
3           such highways by vehicles or persons from the  
4           United States that does not apply equally to vehicles  
5           or persons of Canada;

6           “(4) will continue to grant reciprocal recogni-  
7           tion of vehicle registration and driver’s licenses in  
8           accordance with agreements between the United  
9           States and Canada; and

10           “(5) will maintain such highways after their  
11           completion in proper condition adequately to serve  
12           the needs of present and future traffic.

13           “(b) The survey and construction work undertaken  
14           in Canada pursuant to this section shall be under the gen-  
15           eral supervision of the Secretary.

16           “(c) For purposes of this section, the term ‘Alaska  
17           Marine Highway System’ includes all existing or planned  
18           transportation facilities and equipment in Alaska, includ-  
19           ing the lease, purchase, or construction of vessels, termi-  
20           nals, docks, floats, ramps, staging areas, parking lots,  
21           bridges and approaches thereto, and necessary roads.”.

22           **SEC. 1117. TOLL ROADS, BRIDGES, TUNNELS, AND FERRIES.**

23           (a) **IN GENERAL.**—Section 129(c) of title 23, United  
24           States Code, is amended in the matter preceding para-  
25           graph (1) by striking “the construction of ferry boats and

1 ferry terminal facilities, whether toll or free,” and insert-  
 2 ing “the construction of ferry boats and ferry terminal fa-  
 3 cilities (including ferry maintenance facilities), whether  
 4 toll or free, and the procurement of transit vehicles used  
 5 exclusively as an integral part of an intermodal ferry  
 6 trip,”.

7 (b) DIESEL FUEL FERRY VESSELS.—

8 (1) IN GENERAL.—Notwithstanding section  
 9 147(b), in the case of a project to replace or retrofit  
 10 a diesel fuel ferry vessel that provides substantial  
 11 emissions reductions, the Federal share of the cost  
 12 of the project may be up to 85 percent, as deter-  
 13 mined by the State.

14 (2) SUNSET.—The authority provided by para-  
 15 graph (1) shall terminate on September 30, 2025.

16 **SEC. 1118. BRIDGE INVESTMENT PROGRAM.**

17 (a) IN GENERAL.—Chapter 1 of title 23, United  
 18 States Code, is amended by inserting after section 123 the  
 19 following:

20 **“§ 124. Bridge investment program**

21 **“(a) DEFINITIONS.—**In this section:

22 **“(1) ELIGIBLE PROJECT.—**

23 **“(A) IN GENERAL.—**The term ‘eligible  
 24 project’ means a project to replace, rehabilitate,  
 25 preserve, or protect 1 or more bridges on the

1 National Bridge Inventory under section  
2 144(b).

3 “(B) INCLUSIONS.—The term ‘eligible  
4 project’ includes—

5 “(i) a bundle of projects described in  
6 subparagraph (A), regardless of whether  
7 the bundle of projects meets the require-  
8 ments of section 144(j)(5); and

9 “(ii) a project to replace or rehabili-  
10 tate culverts for the purpose of improving  
11 flood control and improved habitat  
12 connectivity for aquatic species.

13 “(2) LARGE PROJECT.—The term ‘large  
14 project’ means an eligible project with total eligible  
15 project costs of greater than \$100,000,000.

16 “(3) PROGRAM.—The term ‘program’ means  
17 the bridge investment program established by sub-  
18 section (b)(1).

19 “(b) ESTABLISHMENT OF BRIDGE INVESTMENT PRO-  
20 GRAM.—

21 “(1) IN GENERAL.—There is established a  
22 bridge investment program to provide financial as-  
23 sistance for eligible projects under this section.

24 “(2) GOALS.—The goals of the program shall  
25 be—

1           “(A) to improve the safety, efficiency, and  
2 reliability of the movement of people and freight  
3 over bridges;

4           “(B) to improve the condition of bridges in  
5 the United States by reducing—

6                   “(i) the number of bridges—

7                           “(I) in poor condition; or

8                           “(II) in fair condition and at risk  
9 of falling into poor condition within  
10 the next 3 years;

11                   “(ii) the total person miles traveled  
12 over bridges—

13                           “(I) in poor condition; or

14                           “(II) in fair condition and at risk  
15 of falling into poor condition within  
16 the next 3 years;

17                   “(iii) the number of bridges that—

18                           “(I) do not meet current geo-  
19 metric design standards; or

20                           “(II) cannot meet the load and  
21 traffic requirements typical of the re-  
22 gional transportation network; and

23                   “(iv) the total person miles traveled  
24 over bridges that—

1                   “(I) do not meet current geo-  
2                   metric design standards; or

3                   “(II) cannot meet the load and  
4                   traffic requirements typical of the re-  
5                   gional transportation network; and

6                   “(C) to provide financial assistance that  
7                   leverages and encourages non-Federal contribu-  
8                   tions from sponsors and stakeholders involved  
9                   in the planning, design, and construction of eli-  
10                  gible projects.

11               “(c) GRANT AUTHORITY.—

12                   “(1) IN GENERAL.—In carrying out the pro-  
13                  gram, the Secretary may award grants, on a com-  
14                  petitive basis, in accordance with this section.

15                   “(2) GRANT AMOUNTS.—Except as otherwise  
16                  provided, a grant under the program shall be—

17                   “(A) in the case of a large project, in an  
18                  amount that is—

19                   “(i) adequate to fully fund the project  
20                  (in combination with other financial re-  
21                  sources identified in the application); and

22                   “(ii) not less than \$50,000,000; and

23                   “(B) in the case of any other eligible  
24                  project, in an amount that is—



1                   “(i) adequate to fully fund the project  
2                   (in combination with other financial re-  
3                   sources identified in the application); and

4                   “(ii) not less than \$2,500,000.

5                   “(3) MAXIMUM AMOUNT.—Except as otherwise  
6                   provided, for an eligible project receiving assistance  
7                   under the program, the amount of assistance pro-  
8                   vided by the Secretary under this section, as a share  
9                   of eligible project costs, shall be—

10                   “(A) in the case of a large project, not  
11                   more than 50 percent; and

12                   “(B) in the case of any other eligible  
13                   project, not more than 80 percent.

14                   “(4) FEDERAL SHARE.—

15                   “(A) MAXIMUM FEDERAL INVOLVE-  
16                   MENT.—Federal assistance other than a grant  
17                   under the program may be used to satisfy the  
18                   non-Federal share of the cost of a project for  
19                   which a grant is made, except that the total  
20                   Federal assistance provided for a project receiv-  
21                   ing a grant under the program may not exceed  
22                   the Federal share for the project under section  
23                   120.

1           “(B) OFF-SYSTEM BRIDGES.—In the case  
2 of an eligible project for an off-system bridge  
3 (as defined in section 133(f)(1))—

4           “(i) Federal assistance other than a  
5 grant under the program may be used to  
6 satisfy the non-Federal share of the cost of  
7 a project; and

8           “(ii) notwithstanding subparagraph  
9 (A), the total Federal assistance provided  
10 for the project shall not exceed 90 percent  
11 of the total eligible project costs.

12           “(C) FEDERAL LAND MANAGEMENT AGEN-  
13 CIES AND TRIBAL GOVERNMENTS.—Notwith-  
14 standing any other provision of law, Federal  
15 funds other than Federal funds made available  
16 under this section may be used to pay the re-  
17 maining share of the cost of a project under the  
18 program by a Federal land management agency  
19 or a Tribal government or consortium of Tribal  
20 governments.

21           “(5) CONSIDERATIONS.—

22           “(A) IN GENERAL.—In awarding grants  
23 under the program, the Secretary shall con-  
24 sider—

1           “(i) in the case of a large project, the  
2 ratings assigned under subsection  
3 (g)(5)(A);

4           “(ii) in the case of an eligible project  
5 other than a large project, the quality rat-  
6 ing assigned under subsection (f)(3)(A)(ii);

7           “(iii) the average daily person and  
8 freight throughput supported by the eligi-  
9 ble project;

10           “(iv) the number and percentage of  
11 bridges within the same State as the eligi-  
12 ble project that are in poor condition;

13           “(v) the extent to which the eligible  
14 project demonstrates cost savings by bun-  
15 dling multiple bridge projects;

16           “(vi) in the case of an eligible project  
17 of a Federal land management agency, the  
18 extent to which the grant would reduce a  
19 Federal liability or Federal infrastructure  
20 maintenance backlog;

21           “(vii) geographic diversity among  
22 grant recipients, including the need for a  
23 balance between the needs of rural and  
24 urban communities; and

1           “(viii) the extent to which a bridge  
2           that would be assisted with a grant—

3                   “(I) is, without that assistance—

4                           “(aa) at risk of falling into  
5                           or remaining in poor condition;  
6                           or

7                           “(bb) in fair condition and  
8                           at risk of falling into poor condi-  
9                           tion within the next 3 years;

10                   “(II) does not meet current geo-  
11                   metric design standards based on—

12                           “(aa) the current use of the  
13                           bridge; or

14                           “(bb) load and traffic re-  
15                           quirements typical of the regional  
16                           corridor or local network in  
17                           which the bridge is located; or

18                           “(III) does not meet current seis-  
19                           mic design standards.

20                   “(B) REQUIREMENT.—The Secretary  
21                   shall—

22                           “(i) give priority to an application for  
23                           an eligible project that is located within a  
24                           State for which—

1           “(I) 2 or more applications for  
2           eligible projects within the State were  
3           submitted for the current fiscal year  
4           and an average of 2 or more applica-  
5           tions for eligible projects within the  
6           State were submitted in prior fiscal  
7           years of the program; and

8           “(II) fewer than 2 grants have  
9           been awarded for eligible projects  
10          within the State under the program;

11          “(ii) during the period of fiscal years  
12          2022 through 2026, for each State de-  
13          scribed in clause (i), select—

14                 “(I) not fewer than 1 large  
15                 project that the Secretary determines  
16                 is justified under the evaluation under  
17                 subsection (g)(4); or

18                 “(II) 2 eligible projects that are  
19                 not large projects that the Secretary  
20                 determines are justified under the  
21                 evaluation under subsection (f)(3);  
22                 and

23                 “(iii) not be required to award a grant  
24                 for an eligible project that the Secretary  
25                 does not determine is justified under an

1 evaluation under subsection (f)(3) or  
2 (g)(4).

3 “(6) CULVERT LIMITATION.—Not more than 5  
4 percent of the amounts made available for each fis-  
5 cal year for grants under the program may be used  
6 for eligible projects that consist solely of culvert re-  
7 placement or rehabilitation.

8 “(d) ELIGIBLE ENTITY.—The Secretary may make  
9 a grant under the program to any of the following:

10 “(1) A State or a group of States.

11 “(2) A metropolitan planning organization that  
12 serves an urbanized area (as designated by the Bu-  
13 reau of the Census) with a population of over  
14 200,000.

15 “(3) A unit of local government or a group of  
16 local governments.

17 “(4) A political subdivision of a State or local  
18 government.

19 “(5) A special purpose district or public author-  
20 ity with a transportation function.

21 “(6) A Federal land management agency.

22 “(7) A Tribal government or a consortium of  
23 Tribal governments.

24 “(8) A multistate or multijurisdictional group  
25 of entities described in paragraphs (1) through (7).

1       “(e) ELIGIBLE PROJECT REQUIREMENTS.—The Sec-  
 2 retary may make a grant under the program only to an  
 3 eligible entity for an eligible project that—

4           “(1) in the case of a large project, the Sec-  
 5 retary recommends for funding in the annual report  
 6 on funding recommendations under subsection  
 7 (g)(6), except as provided in subsection (g)(1)(B);

8           “(2) is reasonably expected to begin construc-  
 9 tion not later than 18 months after the date on  
 10 which funds are obligated for the project; and

11           “(3) is based on the results of preliminary engi-  
 12 neering.

13       “(f) COMPETITIVE PROCESS AND EVALUATION OF  
 14 ELIGIBLE PROJECTS OTHER THAN LARGE PROJECTS.—

15           “(1) COMPETITIVE PROCESS.—

16           “(A) IN GENERAL.—The Secretary shall—

17           “(i) for the first fiscal year for which  
 18 funds are made available for obligation  
 19 under the program, not later than 60 days  
 20 after the date on which the template under  
 21 subparagraph (B)(i) is developed, and in  
 22 subsequent fiscal years, not later than 60  
 23 days after the date on which amounts are  
 24 made available for obligation under the  
 25 program, solicit grant applications for eli-

1           gible projects other than large projects;  
2           and

3                   “(ii) not later than 120 days after the  
4           date on which the solicitation under clause  
5           (i) expires, conduct evaluations under  
6           paragraph (3).

7           “(B) REQUIREMENTS.—In carrying out  
8           subparagraph (A), the Secretary shall—

9                   “(i) develop a template for applicants  
10           to use to summarize project needs and  
11           benefits, including benefits described in  
12           paragraph (3)(B)(i); and

13                   “(ii) enable applicants to use data  
14           from the National Bridge Inventory under  
15           section 144(b) to populate templates de-  
16           scribed in clause (i), as applicable.

17           “(2) APPLICATIONS.—An eligible entity shall  
18           submit to the Secretary an application at such time,  
19           in such manner, and containing such information as  
20           the Secretary may require.

21           “(3) EVALUATION.—

22                   “(A) IN GENERAL.—Prior to providing a  
23           grant under this subsection, the Secretary  
24           shall—



1           “(i) conduct an evaluation of each eli-  
2           gible project for which an application is re-  
3           ceived under this subsection; and

4           “(ii) assign a quality rating to the eli-  
5           gible project on the basis of the evaluation  
6           under clause (i).

7           “(B) REQUIREMENTS.—In carrying out an  
8           evaluation under subparagraph (A), the Sec-  
9           retary shall—

10           “(i) consider information on project  
11           benefits submitted by the applicant using  
12           the template developed under paragraph  
13           (1)(B)(i), including whether the project  
14           will generate, as determined by the Sec-  
15           retary—

16           “(I) costs avoided by the preven-  
17           tion of closure or reduced use of the  
18           bridge to be improved by the project;

19           “(II) in the case of a bundle of  
20           projects, benefits from executing the  
21           projects as a bundle compared to as  
22           individual projects;

23           “(III) safety benefits, including  
24           the reduction of accidents and related  
25           costs;

1 “(IV) person and freight mobility  
2 benefits, including congestion reduc-  
3 tion and reliability improvements;

4 “(V) national or regional eco-  
5 nomic benefits;

6 “(VI) benefits from long-term re-  
7 siliency to extreme weather events,  
8 flooding, or other natural disasters;

9 “(VII) benefits from protection  
10 (as described in section 133(b)(10)),  
11 including improving seismic or scour  
12 protection;

13 “(VIII) environmental benefits,  
14 including wildlife connectivity;

15 “(IX) benefits to nonvehicular  
16 and public transportation users;

17 “(X) benefits of using—

18 “(aa) innovative design and  
19 construction techniques; or

20 “(bb) innovative tech-  
21 nologies; or

22 “(XI) reductions in maintenance  
23 costs, including, in the case of a feder-  
24 ally owned bridge, cost savings to the  
25 Federal budget; and

1                   “(ii) consider whether and the extent  
2                   to which the benefits, including the bene-  
3                   fits described in clause (i), are more likely  
4                   than not to outweigh the total project  
5                   costs.

6           “(g) COMPETITIVE PROCESS, EVALUATION, AND AN-  
7 NUAL REPORT FOR LARGE PROJECTS.—

8                   “(1) IN GENERAL.—

9                   “(A) APPLICATIONS.—The Secretary shall  
10                  establish an annual date by which an eligible  
11                  entity submitting an application for a large  
12                  project shall submit to the Secretary such infor-  
13                  mation as the Secretary may require, including  
14                  information described in paragraph (2), in  
15                  order for a large project to be considered for a  
16                  recommendation by the Secretary for funding in  
17                  the next annual report under paragraph (6).

18                  “(B) FIRST FISCAL YEAR.—Notwith-  
19                  standing subparagraph (A), for the first fiscal  
20                  year for which funds are made available for ob-  
21                  ligation for grants under the program, the Sec-  
22                  retary may establish a date by which an eligible  
23                  entity submitting an application for a large  
24                  project shall submit to the Secretary such infor-  
25                  mation as the Secretary may require, including

1 information described in paragraph (2), in  
2 order for a large project to be considered for  
3 immediate execution of a grant agreement.

4 “(2) INFORMATION REQUIRED.—The informa-  
5 tion referred to in paragraph (1) includes—

6 “(A) all necessary information required for  
7 the Secretary to evaluate the large project; and

8 “(B) information sufficient for the Sec-  
9 retary to determine that—

10 “(i) the large project meets the appli-  
11 cable requirements under this section; and

12 “(ii) there is a reasonable likelihood  
13 that the large project will continue to meet  
14 the requirements under this section.

15 “(3) DETERMINATION; NOTICE.—On making a  
16 determination that information submitted to the  
17 Secretary under paragraph (1) is sufficient, the Sec-  
18 retary shall provide a written notice of that deter-  
19 mination to—

20 “(A) the eligible entity that submitted the  
21 application;

22 “(B) the Committee on Environment and  
23 Public Works of the Senate; and

24 “(C) the Committee on Transportation and  
25 Infrastructure of the House of Representatives.

1           “(4) EVALUATION.—The Secretary may rec-  
2           ommend a large project for funding in the annual  
3           report under paragraph (6), or, in the case of the  
4           first fiscal year for which funds are made available  
5           for obligation for grants under the program, imme-  
6           diately execute a grant agreement for a large  
7           project, only if the Secretary evaluates the proposed  
8           project and determines that the project is justified  
9           because the project—

10                   “(A) addresses a need to improve the con-  
11                   dition of the bridge, as determined by the Sec-  
12                   retary, consistent with the goals of the program  
13                   under subsection (b)(2);

14                   “(B) will generate, as determined by the  
15                   Secretary—

16                           “(i) costs avoided by the prevention of  
17                           closure or reduced use of the bridge to be  
18                           improved by the project;

19                           “(ii) in the case of a bundle of  
20                           projects, benefits from executing the  
21                           projects as a bundle compared to as indi-  
22                           vidual projects;

23                           “(iii) safety benefits, including the re-  
24                           duction of accidents and related costs;

- 1           “(iv) person and freight mobility bene-  
2           fits, including congestion reduction and re-  
3           liability improvements;
- 4           “(v) national or regional economic  
5           benefits;
- 6           “(vi) benefits from long-term resil-  
7           iency to extreme weather events, flooding,  
8           or other natural disasters;
- 9           “(vii) benefits from protection (as de-  
10          scribed in section 133(b)(10)), including  
11          improving seismic or scour protection;
- 12          “(viii) environmental benefits, includ-  
13          ing wildlife connectivity;
- 14          “(ix) benefits to nonvehicular and  
15          public transportation users;
- 16          “(x) benefits of using—
- 17               “(I) innovative design and con-  
18               struction techniques; or
- 19               “(II) innovative technologies; or
- 20          “(xi) reductions in maintenance costs,  
21          including, in the case of a federally owned  
22          bridge, cost savings to the Federal budget;
- 23          “(C) is cost effective based on an analysis  
24          of whether the benefits and avoided costs de-

1           scribed in subparagraph (B) are expected to  
2           outweigh the project costs;

3           “(D) is supported by other Federal or non-  
4           Federal financial commitments or revenues ade-  
5           quate to fund ongoing maintenance and preser-  
6           vation; and

7           “(E) is consistent with the objectives of an  
8           applicable asset management plan of the project  
9           sponsor, including a State asset management  
10          plan under section 119(e) in the case of a  
11          project on the National Highway System that is  
12          sponsored by a State.

13          “(5) RATINGS.—

14                 “(A) IN GENERAL.—The Secretary shall  
15                 develop a methodology to evaluate and rate a  
16                 large project on a 5-point scale (the points of  
17                 which include ‘high’, ‘medium-high’, ‘medium’,  
18                 ‘medium-low’, and ‘low’) for each of—

19                         “(i) paragraph (4)(B);

20                         “(ii) paragraph (4)(C); and

21                         “(iii) paragraph (4)(D).

22                 “(B) REQUIREMENT.—To be considered  
23                 justified and receive a recommendation for  
24                 funding in the annual report under paragraph  
25                 (6), a project shall receive a rating of not less

1 than ‘medium’ for each rating required under  
2 subparagraph (A).

3 “(C) INTERIM METHODOLOGY.—In the  
4 first fiscal year for which funds are made avail-  
5 able for obligation for grants under the pro-  
6 gram, the Secretary may establish an interim  
7 methodology to evaluate and rate a large  
8 project for each of—

9 “(i) paragraph (4)(B);

10 “(ii) paragraph (4)(C); and

11 “(iii) paragraph (4)(D).

12 “(6) ANNUAL REPORT ON FUNDING REC-  
13 OMMENDATIONS FOR LARGE PROJECTS.—

14 “(A) IN GENERAL.—Not later than the  
15 first Monday in February of each year, the Sec-  
16 retary shall submit to the Committees on  
17 Transportation and Infrastructure and Appro-  
18 priations of the House of Representatives and  
19 the Committees on Environment and Public  
20 Works and Appropriations of the Senate a re-  
21 port that includes—

22 “(i) a list of large projects that have  
23 requested a recommendation for funding  
24 under a new grant agreement from funds



1 anticipated to be available to carry out this  
2 subsection in the next fiscal year;

3 “(ii) the evaluation under paragraph  
4 (4) and ratings under paragraph (5) for  
5 each project referred to in clause (i);

6 “(iii) the grant amounts that the Sec-  
7 retary recommends providing to large  
8 projects in the next fiscal year, including—

9 “(I) scheduled payments under  
10 previously signed multiyear grant  
11 agreements under subsection (j);

12 “(II) payments for new grant  
13 agreements, including single-year  
14 grant agreements and multiyear grant  
15 agreements; and

16 “(III) a description of how  
17 amounts anticipated to be available  
18 for the program from the Highway  
19 Trust Fund for that fiscal year will be  
20 distributed; and

21 “(iv) for each project for which the  
22 Secretary recommends a new multiyear  
23 grant agreement under subsection (j), the  
24 proposed payout schedule for the project.

25 “(B) LIMITATIONS.—

1           “(i) IN GENERAL.—The Secretary  
2 shall not recommend in an annual report  
3 under this paragraph a new multiyear  
4 grant agreement provided from funds from  
5 the Highway Trust Fund unless the Sec-  
6 retary determines that the project can be  
7 completed using funds that are anticipated  
8 to be available from the Highway Trust  
9 Fund in future fiscal years.

10           “(ii) GENERAL FUND PROJECTS.—  
11 The Secretary—

12           “(I) may recommend for funding  
13 in an annual report under this para-  
14 graph a large project using funds  
15 from the general fund of the Treas-  
16 ury; but

17           “(II) shall not execute a grant  
18 agreement for that project unless—

19           “(aa) funds other than from  
20 the Highway Trust Fund have  
21 been made available for the  
22 project; and

23           “(bb) the Secretary deter-  
24 mines that the project can be  
25 completed using funds other than

1 from the Highway Trust Fund  
2 that are anticipated to be avail-  
3 able in future fiscal years.

4 “(C) CONSIDERATIONS.—In selecting  
5 projects to recommend for funding in the an-  
6 nual report under this paragraph, or, in the  
7 case of the first fiscal year for which funds are  
8 made available for obligation for grants under  
9 the program, projects for immediate execution  
10 of a grant agreement, the Secretary shall—

11 “(i) consider the amount of funds  
12 available in future fiscal years for  
13 multiyear grant agreements as described in  
14 subparagraph (B); and

15 “(ii) assume the availability of funds  
16 in future fiscal years for multiyear grant  
17 agreements that extend beyond the period  
18 of authorization based on the amount  
19 made available for large projects under the  
20 program in the last fiscal year of the pe-  
21 riod of authorization.

22 “(D) PROJECT DIVERSITY.—In selecting  
23 projects to recommend for funding in the an-  
24 nual report under this paragraph, the Secretary

1 shall ensure diversity among projects rec-  
2 ommended based on—

3 “(i) the amount of the grant re-  
4 quested; and

5 “(ii) grants for an eligible project for  
6 1 bridge compared to an eligible project  
7 that is a bundle of projects.

8 “(h) ELIGIBLE PROJECT COSTS.—A grant received  
9 for an eligible project under the program may be used  
10 for—

11 “(1) development phase activities, including  
12 planning, feasibility analysis, revenue forecasting,  
13 environmental review, preliminary engineering and  
14 design work, and other preconstruction activities;

15 “(2) construction, reconstruction, rehabilitation,  
16 acquisition of real property (including land related  
17 to the project and improvements to the land), envi-  
18 ronmental mitigation, construction contingencies, ac-  
19 quisition of equipment, and operational improve-  
20 ments directly related to improving system perform-  
21 ance; and

22 “(3) expenses related to the protection (as de-  
23 scribed in section 133(b)(10)) of a bridge, including  
24 seismic or scour protection.

1       “(i) TIFIA PROGRAM.—On the request of an eligible  
2 entity carrying out an eligible project, the Secretary may  
3 use amounts awarded to the entity to pay subsidy and ad-  
4 ministrative costs necessary to provide to the entity Fed-  
5 eral credit assistance under chapter 6 with respect to the  
6 eligible project for which the grant was awarded.

7       “(j) MULTIYEAR GRANT AGREEMENTS FOR LARGE  
8 PROJECTS.—

9               “(1) IN GENERAL.—A large project that re-  
10 ceives a grant under the program in an amount of  
11 not less than \$100,000,000 may be carried out  
12 through a multiyear grant agreement in accordance  
13 with this subsection.

14               “(2) REQUIREMENTS.—A multiyear grant  
15 agreement for a large project described in paragraph  
16 (1) shall—

17                       “(A) establish the terms of participation by  
18 the Federal Government in the project;

19                       “(B) establish the maximum amount of  
20 Federal financial assistance for the project in  
21 accordance with paragraphs (3) and (4) of sub-  
22 section (c);

23                       “(C) establish a payout schedule for the  
24 project that provides for disbursement of the  
25 full grant amount by not later than 4 fiscal

1 years after the fiscal year in which the initial  
2 amount is provided;

3 “(D) determine the period of time for com-  
4 pleting the project, even if that period extends  
5 beyond the period of an authorization; and

6 “(E) attempt to improve timely and effi-  
7 cient management of the project, consistent  
8 with all applicable Federal laws (including regu-  
9 lations).

10 “(3) SPECIAL FINANCIAL RULES.—

11 “(A) IN GENERAL.—A multiyear grant  
12 agreement under this subsection—

13 “(i) shall obligate an amount of avail-  
14 able budget authority specified in law; and

15 “(ii) may include a commitment, con-  
16 tingent on amounts to be specified in law  
17 in advance for commitments under this  
18 paragraph, to obligate an additional  
19 amount from future available budget au-  
20 thority specified in law.

21 “(B) STATEMENT OF CONTINGENT COM-  
22 MITMENT.—The agreement shall state that the  
23 contingent commitment is not an obligation of  
24 the Federal Government.

1           “(C) INTEREST AND OTHER FINANCING  
2 COSTS.—

3           “(i) IN GENERAL.—Interest and other  
4 financing costs of carrying out a part of  
5 the project within a reasonable time shall  
6 be considered a cost of carrying out the  
7 project under a multiyear grant agreement,  
8 except that eligible costs may not be more  
9 than the cost of the most favorable financ-  
10 ing terms reasonably available for the  
11 project at the time of borrowing.

12           “(ii) CERTIFICATION.—The applicant  
13 shall certify to the Secretary that the ap-  
14 plicant has shown reasonable diligence in  
15 seeking the most favorable financing  
16 terms.

17           “(4) ADVANCE PAYMENT.—Notwithstanding  
18 any other provision of law, an eligible entity carrying  
19 out a large project under a multiyear grant agree-  
20 ment—

21           “(A) may use funds made available to the  
22 eligible entity under this title for eligible project  
23 costs of the large project until the amount spec-  
24 ified in the multiyear grant agreement for the

1 project for that fiscal year becomes available for  
2 obligation; and

3 “(B) if the eligible entity uses funds as de-  
4 scribed in subparagraph (A), the funds used  
5 shall be reimbursed from the amount made  
6 available under the multiyear grant agreement  
7 for the project.

8 “(k) UNDERTAKING PARTS OF PROJECTS IN AD-  
9 VANCE UNDER LETTERS OF NO PREJUDICE.—

10 “(1) IN GENERAL.—The Secretary may pay to  
11 an applicant all eligible project costs under the pro-  
12 gram, including costs for an activity for an eligible  
13 project incurred prior to the date on which the  
14 project receives funding under the program if—

15 “(A) before the applicant carries out the  
16 activity, the Secretary approves through a letter  
17 to the applicant the activity in the same man-  
18 ner as the Secretary approves other activities as  
19 eligible under the program;

20 “(B) a record of decision, a finding of no  
21 significant impact, or a categorical exclusion  
22 under the National Environmental Policy Act of  
23 1969 (42 U.S.C. 4321 et seq.) has been issued  
24 for the eligible project; and



1           “(C) the activity is carried out without  
2           Federal assistance and in accordance with all  
3           applicable procedures and requirements.

4           “(2) INTEREST AND OTHER FINANCING  
5           COSTS.—

6           “(A) IN GENERAL.—For purposes of para-  
7           graph (1), the cost of carrying out an activity  
8           for an eligible project includes the amount of  
9           interest and other financing costs, including  
10          any interest earned and payable on bonds, to  
11          the extent interest and other financing costs are  
12          expended in carrying out the activity for the eli-  
13          gible project, except that interest and other fi-  
14          nancing costs may not be more than the cost of  
15          the most favorable financing terms reasonably  
16          available for the eligible project at the time of  
17          borrowing.

18          “(B) CERTIFICATION.—The applicant shall  
19          certify to the Secretary that the applicant has  
20          shown reasonable diligence in seeking the most  
21          favorable financing terms under subparagraph  
22          (A).

23          “(3) NO OBLIGATION OR INFLUENCE ON REC-  
24          COMMENDATIONS.—An approval by the Secretary  
25          under paragraph (1)(A) shall not—

1           “(A) constitute an obligation of the Fed-  
2           eral Government; or

3           “(B) alter or influence any evaluation  
4           under subsection (f)(3)(A)(i) or (g)(4) or any  
5           recommendation by the Secretary for funding  
6           under the program.

7           “(1) **FEDERALLY OWNED BRIDGES.**—

8           “(1) **DIVESTITURE CONSIDERATION.**—In the  
9           case of a bridge owned by a Federal land manage-  
10          ment agency for which that agency applies for a  
11          grant under the program, the agency—

12           “(A) shall consider options to divest the  
13          bridge to a State or local entity after comple-  
14          tion of the project; and

15           “(B) may apply jointly with the State or  
16          local entity to which the bridge may be divested.

17          “(2) **TREATMENT.**—Notwithstanding any other  
18          provision of law, section 129 shall apply to a bridge  
19          that was previously owned by a Federal land man-  
20          agement agency and has been transferred to a non-  
21          Federal entity under paragraph (1) in the same  
22          manner as if the bridge was never federally owned.

23          “(m) **CONGRESSIONAL NOTIFICATION.**—Not later  
24          than 30 days before making a grant for an eligible project  
25          under the program, the Secretary shall submit to the Com-

1 mittee on Transportation and Infrastructure of the House  
2 of Representatives and the Committee on Environment  
3 and Public Works of the Senate a written notification of  
4 the proposed grant that includes—

5           “(1) an evaluation and justification for the eli-  
6           gible project; and

7           “(2) the amount of the proposed grant.

8           “(n) REPORTS.—

9           “(1) ANNUAL REPORT.—Not later than August  
10          1 of each fiscal year, the Secretary shall make avail-  
11          able on the website of the Department of Transpor-  
12          tation an annual report that lists each eligible  
13          project for which a grant has been provided under  
14          the program during the fiscal year.

15          “(2) GAO ASSESSMENT AND REPORT.—Not  
16          later than 3 years after the date of enactment of the  
17          Surface Transportation Reauthorization Act of  
18          2021, the Comptroller General of the United States  
19          shall—

20                 “(A) conduct an assessment of the admin-  
21                 istrative establishment, solicitation, selection,  
22                 and justification process with respect to the  
23                 funding of grants under the program; and

24                 “(B) submit to the Committee on Trans-  
25                 portation and Infrastructure of the House of

1           Representatives and the Committee on Environ-  
2           ment and Public Works of the Senate a report  
3           that describes—

4                   “(i) the adequacy and fairness of the  
5                   process under which each eligible project  
6                   that received a grant under the program  
7                   was selected; and

8                   “(ii) the justification and criteria used  
9                   for the selection of each eligible project.

10          “(o) LIMITATION.—

11                   “(1) LARGE PROJECTS.—Of the amounts made  
12                   available out of the Highway Trust Fund (other  
13                   than the Mass Transit Account) to carry out this  
14                   section for each of fiscal years 2022 through 2026,  
15                   not less than 50 percent, in aggregate, shall be used  
16                   for large projects.

17                   “(2) UNUTILIZED AMOUNTS.—If, in fiscal year  
18                   2026, the Secretary determines that grants under  
19                   the program will not allow for the requirement under  
20                   paragraph (1) to be met, the Secretary shall use the  
21                   unutilized amounts to make other grants under the  
22                   program during that fiscal year.

23          “(p) TRIBAL TRANSPORTATION FACILITY BRIDGE  
24          SET ASIDE.—

1           “(1) IN GENERAL.—Of the amounts made  
2 available from the Highway Trust Fund (other than  
3 the Mass Transit Account) for a fiscal year to carry  
4 out this section, the Secretary shall use, to carry out  
5 section 202(d)—

6                   “(A) \$16,000,000 for fiscal year 2022;

7                   “(B) \$18,000,000 for fiscal year 2023;

8                   “(C) \$20,000,000 for fiscal year 2024;

9                   “(D) \$22,000,000 for fiscal year 2025;

10           and

11                   “(E) \$24,000,000 for fiscal year 2026.

12           “(2) TREATMENT.—For purposes of section  
13 201, funds made available for section 202(d) under  
14 paragraph (1) shall be considered to be part of the  
15 tribal transportation program.”.

16           (b) CLERICAL AMENDMENT.—The analysis for chap-  
17 ter 1 of title 23, United States Code, is amended by insert-  
18 ing after the item relating to section 123 the following:

“124. Bridge investment program.”.

19 **SEC. 1119. SAFE ROUTES TO SCHOOL.**

20           (a) IN GENERAL.—Chapter 2 of title 23, United  
21 States Code, is amended by inserting after section 207 the  
22 following:

23 **“§ 208. Safe routes to school**

24           “(a) DEFINITIONS.—In this section:

1           “(1) IN THE VICINITY OF SCHOOLS.—The term  
2           ‘in the vicinity of schools’, with respect to a school,  
3           means the approximately 2-mile area within bicy-  
4           cling and walking distance of the school.

5           “(2) PRIMARY, MIDDLE, AND HIGH SCHOOLS.—  
6           The term ‘primary, middle, and high schools’ means  
7           schools providing education from kindergarten  
8           through 12th grade.

9           “(b) ESTABLISHMENT.—Subject to the requirements  
10          of this section, the Secretary shall establish and carry out  
11          a safe routes to school program for the benefit of children  
12          in primary, middle, and high schools.

13          “(c) PURPOSES.—The purposes of the program es-  
14          tablished under subsection (b) shall be—

15                 “(1) to enable and encourage children, includ-  
16                 ing those with disabilities, to walk and bicycle to  
17                 school;

18                 “(2) to make bicycling and walking to school a  
19                 safer and more appealing transportation alternative,  
20                 thereby encouraging a healthy and active lifestyle  
21                 from an early age; and

22                 “(3) to facilitate the planning, development,  
23                 and implementation of projects and activities that  
24                 will improve safety and reduce traffic, fuel consump-  
25                 tion, and air pollution in the vicinity of schools.

1 “(d) APPORTIONMENT OF FUNDS.—

2 “(1) IN GENERAL.—Subject to paragraphs (2),  
3 (3), and (4), amounts made available to carry out  
4 this section for a fiscal year shall be apportioned  
5 among the States so that each State receives the  
6 amount equal to the proportion that—

7 “(A) the total student enrollment in pri-  
8 mary, middle, and high schools in each State;  
9 bears to

10 “(B) the total student enrollment in pri-  
11 mary, middle, and high schools in all States.

12 “(2) MINIMUM APPORTIONMENT.—No State  
13 shall receive an apportionment under this section for  
14 a fiscal year of less than \$1,000,000.

15 “(3) SET-ASIDE FOR ADMINISTRATIVE EX-  
16 PENSES.—Before apportioning under this subsection  
17 amounts made available to carry out this section for  
18 a fiscal year, the Secretary shall set aside not more  
19 than \$3,000,000 of those amounts for the adminis-  
20 trative expenses of the Secretary in carrying out this  
21 section.

22 “(4) DETERMINATION OF STUDENT ENROLL-  
23 MENTS.—Determinations under this subsection re-  
24 lating to student enrollments shall be made by the  
25 Secretary.

1       “(e) ADMINISTRATION OF AMOUNTS.—Amounts ap-  
2       portioned to a State under this section shall be adminis-  
3       tered by the State department of transportation.

4       “(f) ELIGIBLE RECIPIENTS.—Amounts apportioned  
5       to a State under this section shall be used by the State  
6       to provide financial assistance to State, local, Tribal, and  
7       regional agencies, including nonprofit organizations, that  
8       demonstrate an ability to meet the requirements of this  
9       section.

10       “(g) ELIGIBLE PROJECTS AND ACTIVITIES.—

11               “(1) INFRASTRUCTURE-RELATED PROJECTS.—

12                       “(A) IN GENERAL.—Amounts apportioned  
13                       to a State under this section may be used for  
14                       the planning, design, and construction of infra-  
15                       structure-related projects that will substantially  
16                       improve the ability of students to walk and bi-  
17                       cycle to school, including sidewalk improve-  
18                       ments, traffic calming and speed reduction im-  
19                       provements, pedestrian and bicycle crossing im-  
20                       provements, on-street bicycle facilities, off-street  
21                       bicycle and pedestrian facilities, secure bicycle  
22                       parking facilities, and traffic diversion improve-  
23                       ments in the vicinity of schools.

24                       “(B) LOCATION OF PROJECTS.—Infra-  
25                       structure-related projects under subparagraph



1 (A) may be carried out on any public road or  
 2 any bicycle or pedestrian pathway or trail in the  
 3 vicinity of schools.

4 “(2) NONINFRASTRUCTURE-RELATED ACTIVI-  
 5 TIES.—

6 “(A) IN GENERAL.—In addition to projects  
 7 described in paragraph (1), amounts appor-  
 8 tioned to a State under this section may be  
 9 used for noninfrastructure-related activities to  
 10 encourage walking and bicycling to school, in-  
 11 cluding public awareness campaigns and out-  
 12 reach to press and community leaders, traffic  
 13 education and enforcement in the vicinity of  
 14 schools, student sessions on bicycle and pedes-  
 15 trian safety, health, and environment, and fund-  
 16 ing for training, volunteers, and managers of  
 17 safe routes to school programs.

18 “(B) ALLOCATION.—Not less than 10 per-  
 19 cent and not more than 30 percent of the  
 20 amount apportioned to a State under this sec-  
 21 tion for a fiscal year shall be used for noninfra-  
 22 structure-related activities under this para-  
 23 graph.

24 “(3) SAFE ROUTES TO SCHOOL COORDI-  
 25 NATOR.—Each State shall use a sufficient amount of

1 the apportionment of the State for each fiscal year  
 2 to fund a full-time position of coordinator of the safe  
 3 routes to school program of the State.

4 “(h) CLEARINGHOUSE.—

5 “(1) IN GENERAL.—The Secretary shall make  
 6 grants to a national nonprofit organization engaged  
 7 in promoting safe routes to schools—

8 “(A) to operate a national safe routes to  
 9 school clearinghouse;

10 “(B) to develop information and edu-  
 11 cational programs on safe routes to school; and

12 “(C) to provide technical assistance and  
 13 disseminate techniques and strategies used for  
 14 successful safe routes to school programs.

15 “(2) FUNDING.—The Secretary shall carry out  
 16 this subsection using amounts set aside for adminis-  
 17 trative expenses under subsection (d)(3).

18 “(i) TREATMENT OF PROJECTS.—Notwithstanding  
 19 any other provision of law, a project assisted under this  
 20 section shall be treated as a project on a Federal-aid high-  
 21 way under chapter 1.”.

22 (b) CONFORMING AMENDMENTS.—

23 (1) The analysis for chapter 2 of title 23,  
 24 United States Code, is amended by inserting after  
 25 the item relating to section 207 the following:

“208. Safe routes to school.”.

1           (2) Section 1404 of SAFETEA–LU (23 U.S.C.  
2           402 note; Public Law 109–59) is repealed.

3           (3) The table of contents in section 1(b) of  
4           SAFETEA–LU (Public Law 109–59; 119 Stat.  
5           1144) is amended by striking the item relating to  
6           section 1404.

7   **SEC. 1120. HIGHWAY USE TAX EVASION PROJECTS.**

8           Section 143(b)(2)(A) of title 23, United States Code,  
9           is amended by striking “fiscal years 2016 through 2020”  
10          and inserting “fiscal years 2022 through 2026”.

11   **SEC. 1121. CONSTRUCTION OF FERRY BOATS AND FERRY**  
12                           **TERMINAL FACILITIES.**

13          Section 147 of title 23, United States Code, is  
14          amended by striking subsection (h) and inserting the fol-  
15          lowing:

16          “(h) AUTHORIZATION OF APPROPRIATIONS.—There  
17          are authorized to be appropriated out of the Highway  
18          Trust Fund (other than the Mass Transit Account) to  
19          carry out this section—

20                 “(1) \$110,000,000 for fiscal year 2022;

21                 “(2) \$112,000,000 for fiscal year 2023;

22                 “(3) \$114,000,000 for fiscal year 2024;

23                 “(4) \$116,000,000 for fiscal year 2025; and

24                 “(5) \$118,000,000 for fiscal year 2026.”.

1 **SEC. 1122. VULNERABLE ROAD USER RESEARCH.**

2 (a) DEFINITIONS.—In this subsection:

3 (1) ADMINISTRATOR.—The term “Adminis-  
4 trator” means the Secretary, acting through the Ad-  
5 ministrator of the Federal Highway Administration.

6 (2) VULNERABLE ROAD USER.—The term “vul-  
7 nerable road user” has the meaning given the term  
8 in section 148(a) of title 23, United States Code.

9 (b) ESTABLISHMENT OF RESEARCH PLAN.—The Ad-  
10 ministrator shall establish a research plan to prioritize re-  
11 search on roadway designs, the development of safety  
12 countermeasures to minimize fatalities and serious inju-  
13 ries to vulnerable road users, and the promotion of bicy-  
14 cling and walking, including research relating to—

15 (1) roadway safety improvements, including  
16 traffic calming techniques and vulnerable road user  
17 accommodations appropriate in a suburban arterial  
18 context;

19 (2) the impacts of traffic speeds, and access to  
20 low-traffic stress corridors, on safety and rates of bi-  
21 cycling and walking;

22 (3) tools to evaluate the impact of transpor-  
23 tation improvements on projected rates and safety of  
24 bicycling and walking; and

25 (4) other research areas to be determined by  
26 the Administrator.

1 (c) VULNERABLE ROAD USER ASSESSMENTS.—The  
2 Administrator shall—

3 (1) review each vulnerable road user safety as-  
4 sessment submitted by a State under section 148(l)  
5 of title 23, United States Code, and other relevant  
6 sources of data to determine what, if any, standard  
7 definitions and methods should be developed through  
8 guidance to enable a State to collect pedestrian in-  
9 jury and fatality data; and

10 (2) in the first progress update under sub-  
11 section (d)(2), provide—

12 (A) the results of the determination de-  
13 scribed in paragraph (1); and

14 (B) the recommendations of the Secretary  
15 with respect to the collection and reporting of  
16 data on the safety of vulnerable road users.

17 (d) SUBMISSION; PUBLICATION.—

18 (1) SUBMISSION OF PLAN.—Not later than 180  
19 days after the date of enactment of this Act, the Ad-  
20 ministrator shall submit to the Committee on Envi-  
21 ronment and Public Works of the Senate and the  
22 Committee on Transportation and Infrastructure of  
23 the House of Representatives the research plan de-  
24 scribed in subsection (b).

1           (2) PROGRESS UPDATES.—Not later than 2  
 2           years after the date of enactment of this Act, and  
 3           biannually thereafter, the Administrator shall submit  
 4           to the Committees described in paragraph (1)—

5                   (A) updates on the progress and findings  
 6                   of the research conducted pursuant to the plan  
 7                   described in subsection (b); and

8                   (B) in the first submission under this  
 9                   paragraph, the results and recommendations  
 10                  described in subsection (c)(2).

11 **SEC. 1123. WILDLIFE CROSSING SAFETY.**

12           (a) DECLARATION OF POLICY.—Section  
 13 101(b)(3)(D) of title 23, United States Code, is amended,  
 14 in the matter preceding clause (i), by inserting “resilient,”  
 15 after “efficient,”.

16           (b) WILDLIFE CROSSINGS PILOT PROGRAM.—

17                   (1) IN GENERAL.—Chapter 1 of title 23, United  
 18 States Code, is amended by adding at the end the  
 19 following:

20 **“§ 171. Wildlife crossings pilot program**

21           “(a) FINDING.—Congress finds that greater adoption  
 22 of wildlife-vehicle collision safety countermeasures is in the  
 23 public interest because—

24                   “(1) according to the report of the Federal  
 25 Highway Administration entitled ‘Wildlife-Vehicle

1 Collision Reduction Study’, there are more than  
2 1,000,000 wildlife-vehicle collisions every year;

3 “(2) wildlife-vehicle collisions—

4 “(A) present a danger to—

5 “(i) human safety; and

6 “(ii) wildlife survival; and

7 “(B) represent a persistent concern that  
8 results in tens of thousands of serious injuries  
9 and hundreds of fatalities on the roadways of  
10 the United States;

11 “(3) the total annual cost associated with wild-  
12 life-vehicle collisions has been estimated to be  
13 \$8,388,000,000; and

14 “(4) wildlife-vehicle collisions are a major  
15 threat to the survival of species, including birds, rep-  
16 tiles, mammals, and amphibians.

17 “(b) ESTABLISHMENT.—The Secretary shall estab-  
18 lish a competitive wildlife crossings pilot program (re-  
19 ferred to in this section as the ‘pilot program’) to provide  
20 grants for projects that seek to achieve—

21 “(1) a reduction in the number of wildlife-vehi-  
22 cle collisions; and

23 “(2) in carrying out the purpose described in  
24 paragraph (1), improved habitat connectivity for ter-  
25 restrial and aquatic species.

1       “(c) ELIGIBLE ENTITIES.—An entity eligible to apply  
2 for a grant under the pilot program is—

3           “(1) a State highway agency, or an equivalent  
4 of that agency;

5           “(2) a metropolitan planning organization (as  
6 defined in section 134(b));

7           “(3) a unit of local government;

8           “(4) a regional transportation authority;

9           “(5) a special purpose district or public author-  
10 ity with a transportation function, including a port  
11 authority;

12           “(6) an Indian tribe (as defined in section  
13 207(m)(1)), including a Native village and a Native  
14 Corporation (as those terms are defined in section 3  
15 of the Alaska Native Claims Settlement Act (43  
16 U.S.C. 1602));

17           “(7) a Federal land management agency; or

18           “(8) a group of any of the entities described in  
19 paragraphs (1) through (7).

20       “(d) APPLICATIONS.—

21           “(1) IN GENERAL.—To be eligible to receive a  
22 grant under the pilot program, an eligible entity  
23 shall submit to the Secretary an application at such  
24 time, in such manner, and containing such informa-  
25 tion as the Secretary may require.



1           “(2) REQUIREMENT.—If an application under  
2 paragraph (1) is submitted by an eligible entity  
3 other than an eligible entity described in paragraph  
4 (1) or (7) of subsection (c), the application shall in-  
5 clude documentation that the State highway agency,  
6 or an equivalent of that agency, of the State in  
7 which the eligible entity is located was consulted  
8 during the development of the application.

9           “(3) GUIDANCE.—To enhance consideration of  
10 current and reliable data, eligible entities may obtain  
11 guidance from an agency in the State with jurisdic-  
12 tion over fish and wildlife.

13           “(e) CONSIDERATIONS.—In selecting grant recipients  
14 under the pilot program, the Secretary shall take into con-  
15 sideration the following:

16           “(1) Primarily, the extent to which the pro-  
17 posed project of an eligible entity is likely to protect  
18 motorists and wildlife by reducing the number of  
19 wildlife-vehicle collisions and improve habitat  
20 connectivity for terrestrial and aquatic species.

21           “(2) Secondly, the extent to which the pro-  
22 posed project of an eligible entity is likely to accom-  
23 plish the following:

24           “(A) Leveraging Federal investment by en-  
25 couraging non-Federal contributions to the

1 project, including projects from public-private  
2 partnerships.

3 “(B) Supporting local economic develop-  
4 ment and improvement of visitation opportuni-  
5 ties.

6 “(C) Incorporation of innovative tech-  
7 nologies, including advanced design techniques  
8 and other strategies to enhance efficiency and  
9 effectiveness in reducing wildlife-vehicle colli-  
10 sions and improving habitat connectivity for  
11 terrestrial and aquatic species.

12 “(D) Provision of educational and outreach  
13 opportunities.

14 “(E) Monitoring and research to evaluate,  
15 compare effectiveness of, and identify best prac-  
16 tices in, selected projects.

17 “(F) Any other criteria relevant to reduc-  
18 ing the number of wildlife-vehicle collisions and  
19 improving habitat connectivity for terrestrial  
20 and aquatic species, as the Secretary deter-  
21 mines to be appropriate, subject to the condi-  
22 tion that the implementation of the pilot pro-  
23 gram shall not be delayed in the absence of ac-  
24 tion by the Secretary to identify additional cri-  
25 teria under this subparagraph.

1 “(f) USE OF FUNDS.—

2 “(1) IN GENERAL.—The Secretary shall ensure  
3 that a grant received under the pilot program is  
4 used for a project to reduce wildlife-vehicle collisions.

5 “(2) GRANT ADMINISTRATION.—

6 “(A) IN GENERAL.—A grant received  
7 under the pilot program shall be administered  
8 by—

9 “(i) in the case of a grant to a Fed-  
10 eral land management agency or an Indian  
11 tribe (as defined in section 207(m)(1), in-  
12 cluding a Native village and a Native Cor-  
13 poration (as those terms are defined in  
14 section 3 of the Alaska Native Claims Set-  
15 tlement Act (43 U.S.C. 1602))), the Fed-  
16 eral Highway Administration, through an  
17 agreement; and

18 “(ii) in the case of a grant to an eligi-  
19 ble entity other than an eligible entity de-  
20 scribed in clause (i), the State highway  
21 agency, or an equivalent of that agency,  
22 for the State in which the project is to be  
23 carried out.

24 “(B) PARTNERSHIPS.—

1           “(i) IN GENERAL.—A grant received  
2           under the pilot program may be used to  
3           provide funds to eligible partners of the  
4           project for which the grant was received  
5           described in clause (ii), in accordance with  
6           the terms of the project agreement.

7           “(ii) ELIGIBLE PARTNERS DE-  
8           SCRIBED.—The eligible partners referred  
9           to in clause (i) include—

10           “(I) a metropolitan planning or-  
11           ganization (as defined in section  
12           134(b));

13           “(II) a unit of local government;

14           “(III) a regional transportation  
15           authority;

16           “(IV) a special purpose district  
17           or public authority with a transpor-  
18           tation function, including a port au-  
19           thority;

20           “(V) an Indian tribe (as defined  
21           in section 207(m)(1)), including a Na-  
22           tive village and a Native Corporation  
23           (as those terms are defined in section  
24           3 of the Alaska Native Claims Settle-  
25           ment Act (43 U.S.C. 1602));

1                   “(VI) a Federal land manage-  
2                   ment agency;

3                   “(VII) a foundation, nongovern-  
4                   mental organization, or institution of  
5                   higher education;

6                   “(VIII) a Federal, Tribal, re-  
7                   gional, or State government entity;  
8                   and

9                   “(IX) a group of any of the enti-  
10                  ties described in subclauses (I)  
11                  through (VIII).

12                 “(3) COMPLIANCE.—An eligible entity that re-  
13                 ceives a grant under the pilot program and enters  
14                 into a partnership described in paragraph (2) shall  
15                 establish measures to verify that an eligible partner  
16                 that receives funds from the grant complies with the  
17                 conditions of the pilot program in using those funds.

18                 “(g) REQUIREMENT.—The Secretary shall ensure  
19                 that not less than 60 percent of the amounts made avail-  
20                 able for grants under the pilot program each fiscal year  
21                 are for projects located in rural areas.

22                 “(h) ANNUAL REPORT TO CONGRESS.—

23                 “(1) IN GENERAL.—Not later than December  
24                 31 of each calendar year, the Secretary shall submit  
25                 to Congress, and make publicly available, a report

1 describing the activities under the pilot program for  
 2 the fiscal year that ends during that calendar year.

3 “(2) CONTENTS.—The report under paragraph  
 4 (1) shall include—

5 “(A) a detailed description of the activities  
 6 carried out under the pilot program;

7 “(B) an evaluation of the effectiveness of  
 8 the pilot program in meeting the purposes de-  
 9 scribed in subsection (b); and

10 “(C) policy recommendations to improve  
 11 the effectiveness of the pilot program.”.

12 (2) CLERICAL AMENDMENT.—The analysis for  
 13 chapter 1 of title 23, United States Code, is amend-  
 14 ed by inserting after the item relating to section 170  
 15 the following:

“171. Wildlife crossings pilot program.”.

16 (c) WILDLIFE VEHICLE COLLISION REDUCTION AND  
 17 HABITAT CONNECTIVITY IMPROVEMENT.—

18 (1) IN GENERAL.—Chapter 1 of title 23, United  
 19 States Code (as amended by subsection (b)(1)), is  
 20 amended by adding at the end the following:

21 **“§ 172. Wildlife-vehicle collision reduction and habi-  
 22 tat connectivity improvement**

23 “(a) STUDY.—

24 “(1) IN GENERAL.—The Secretary shall con-  
 25 duct a study (referred to in this subsection as the

1 ‘study’) of the state, as of the date of the study, of  
2 the practice of methods to reduce collisions between  
3 motorists and wildlife (referred to in this section as  
4 ‘wildlife-vehicle collisions’).

5 “(2) CONTENTS.—

6 “(A) AREAS OF STUDY.—The study  
7 shall—

8 “(i) update and expand on, as appro-  
9 priate—

10 “(I) the report entitled ‘Wildlife  
11 Vehicle Collision Reduction Study:  
12 2008 Report to Congress’; and

13 “(II) the document entitled  
14 ‘Wildlife Vehicle Collision Reduction  
15 Study: Best Practices Manual’ and  
16 dated October 2008; and

17 “(ii) include—

18 “(I) an assessment, as of the  
19 date of the study, of—

20 “(aa) the causes of wildlife-  
21 vehicle collisions;

22 “(bb) the impact of wildlife-  
23 vehicle collisions on motorists  
24 and wildlife; and

1                   “(cc) the impacts of roads  
2                   and traffic on habitat  
3                   connectivity for terrestrial and  
4                   aquatic species; and

5                   “(II) solutions and best practices  
6                   for—

7                   “(aa) reducing wildlife-vehi-  
8                   cle collisions; and

9                   “(bb) improving habitat  
10                  connectivity for terrestrial and  
11                  aquatic species.

12                  “(B) METHODS.—In carrying out the  
13                  study, the Secretary shall—

14                  “(i) conduct a thorough review of re-  
15                  search and data relating to—

16                  “(I) wildlife-vehicle collisions; and

17                  “(II) habitat fragmentation that  
18                  results from transportation infrastruc-  
19                  ture;

20                  “(ii) survey current practices of the  
21                  Department of Transportation and State  
22                  departments of transportation to reduce  
23                  wildlife-vehicle collisions; and

24                  “(iii) consult with—



1           “(I) appropriate experts in the  
2           field of wildlife-vehicle collisions; and

3           “(II) appropriate experts on the  
4           effects of roads and traffic on habitat  
5           connectivity for terrestrial and aquatic  
6           species.

7           “(3) REPORT.—

8           “(A) IN GENERAL.—Not later than 18  
9           months after the date of enactment of the Sur-  
10          face Transportation Reauthorization Act of  
11          2021, the Secretary shall submit to Congress a  
12          report on the results of the study.

13          “(B) CONTENTS.—The report under sub-  
14          paragraph (A) shall include—

15                 “(i) a description of—

16                         “(I) the causes of wildlife-vehicle  
17                         collisions;

18                         “(II) the impacts of wildlife-vehi-  
19                         cle collisions; and

20                         “(III) the impacts of roads and  
21                         traffic on—

22                                 “(aa) species listed as  
23                                 threatened species or endangered  
24                                 species under the Endangered

1 Species Act of 1973 (16 U.S.C.  
2 1531 et seq.);

3 “(bb) species identified by  
4 States as species of greatest con-  
5 servation need;

6 “(cc) species identified in  
7 State wildlife plans; and

8 “(dd) medium and small ter-  
9 restrial and aquatic species;

10 “(ii) an economic evaluation of the  
11 costs and benefits of installing highway in-  
12 frastructure and other measures to miti-  
13 gate damage to terrestrial and aquatic spe-  
14 cies, including the effect on jobs, property  
15 values, and economic growth to society, ad-  
16 jacent communities, and landowners;

17 “(iii) recommendations for preventing  
18 wildlife-vehicle collisions, including rec-  
19 ommended best practices, funding re-  
20 sources, or other recommendations for ad-  
21 dressing wildlife-vehicle collisions; and

22 “(iv) guidance, developed in consulta-  
23 tion with Federal land management agen-  
24 cies and State departments of transpor-  
25 tation, State fish and wildlife agencies, and

1 Tribal governments that agree to partici-  
2 pate, for developing, for each State that  
3 agrees to participate, a voluntary joint  
4 statewide transportation and wildlife action  
5 plan—

6 “(I) to address wildlife-vehicle  
7 collisions; and

8 “(II) to improve habitat  
9 connectivity for terrestrial and aquatic  
10 species.

11 “(b) WORKFORCE DEVELOPMENT AND TECHNICAL  
12 TRAINING.—

13 “(1) IN GENERAL.—Not later than 3 years  
14 after the date of enactment of the Surface Transpor-  
15 tation Reauthorization Act of 2021, the Secretary  
16 shall, based on the study conducted under subsection  
17 (a), develop a series of in-person and online work-  
18 force development and technical training courses—

19 “(A) to reduce wildlife-vehicle collisions;  
20 and

21 “(B) to improve habitat connectivity for  
22 terrestrial and aquatic species.

23 “(2) AVAILABILITY.—The Secretary shall—

1           “(A) make the series of courses developed  
2           under paragraph (1) available for transpor-  
3           tation and fish and wildlife professionals; and

4           “(B) update the series of courses not less  
5           frequently than once every 2 years.

6           “(c) STANDARDIZATION OF WILDLIFE COLLISION  
7           AND CARCASS DATA.—

8           “(1) STANDARDIZED METHODOLOGY.—

9           “(A) IN GENERAL.—The Secretary, acting  
10           through the Administrator of the Federal High-  
11           way Administration (referred to in this sub-  
12           section as the ‘Secretary’), shall develop a qual-  
13           ity standardized methodology for collecting and  
14           reporting spatially accurate wildlife collision  
15           and carcass data for the National Highway Sys-  
16           tem, considering the practicability of the meth-  
17           odology with respect to technology and cost.

18           “(B) METHODOLOGY.—In developing the  
19           standardized methodology under subparagraph  
20           (A), the Secretary shall—

21           “(i) survey existing methodologies and  
22           sources of data collection, including the  
23           Fatality Analysis Reporting System, the  
24           General Estimates System of the National

1 Automotive Sampling System, and the  
2 Highway Safety Information System; and

3 “(ii) to the extent practicable, identify  
4 and correct limitations of those existing  
5 methodologies and sources of data collec-  
6 tion.

7 “(C) CONSULTATION.—In developing the  
8 standardized methodology under subparagraph  
9 (A), the Secretary shall consult with—

10 “(i) the Secretary of the Interior;

11 “(ii) the Secretary of Agriculture, act-  
12 ing through the Chief of the Forest Serv-  
13 ice;

14 “(iii) Tribal, State, and local trans-  
15 portation and wildlife authorities;

16 “(iv) metropolitan planning organiza-  
17 tions (as defined in section 134(b));

18 “(v) members of the American Asso-  
19 ciation of State Highway Transportation  
20 Officials;

21 “(vi) members of the Association of  
22 Fish and Wildlife Agencies;

23 “(vii) experts in the field of wildlife-  
24 vehicle collisions;

1                   “(viii) nongovernmental organizations;  
2                   and  
3                   “(ix) other interested stakeholders, as  
4                   appropriate.

5                   “(2) STANDARDIZED NATIONAL DATA SYSTEM  
6                   WITH VOLUNTARY TEMPLATE IMPLEMENTATION.—

7                   The Secretary shall—

8                   “(A) develop a template for State imple-  
9                   mentation of a standardized national wildlife  
10                  collision and carcass data system for the Na-  
11                  tional Highway System that is based on the  
12                  standardized methodology developed under  
13                  paragraph (1); and

14                  “(B) encourage the voluntary implementa-  
15                  tion of the template developed under subpara-  
16                  graph (A).

17                  “(3) REPORTS.—

18                  “(A) METHODOLOGY.—The Secretary shall  
19                  submit to Congress a report describing the  
20                  standardized methodology developed under  
21                  paragraph (1) not later than the later of—

22                  “(i) the date that is 18 months after  
23                  the date of enactment of the Surface  
24                  Transportation Reauthorization Act of  
25                  2021; and

1           “(ii) the date that is 180 days after  
2           the date on which the Secretary completes  
3           the development of the standardized meth-  
4           odology.

5           “(B) IMPLEMENTATION.—Not later than 4  
6           years after the date of enactment of the Surface  
7           Transportation Reauthorization Act of 2021,  
8           the Secretary shall submit to Congress a report  
9           describing—

10           “(i) the status of the voluntary imple-  
11           mentation of the standardized methodology  
12           developed under paragraph (1) and the  
13           template developed under paragraph  
14           (2)(A);

15           “(ii) whether the implementation of  
16           the standardized methodology developed  
17           under paragraph (1) and the template de-  
18           veloped under paragraph (2)(A) has im-  
19           pacted efforts by States, units of local gov-  
20           ernment, and other entities—

21           “(I) to reduce the number of  
22           wildlife-vehicle collisions; and

23           “(II) to improve habitat  
24           connectivity;

1           “(iii) the degree of the impact de-  
2           scribed in clause (ii); and

3           “(iv) the recommendations of the Sec-  
4           retary, including recommendations for fur-  
5           ther study aimed at reducing motorist col-  
6           lisions involving wildlife and improving  
7           habitat connectivity for terrestrial and  
8           aquatic species on the National Highway  
9           System, if any.

10       “(d) NATIONAL THRESHOLD GUIDANCE.—The Sec-  
11       retary shall—

12           “(1) establish guidance, to be carried out by  
13       States on a voluntary basis, that contains a thresh-  
14       old for determining whether a highway shall be eval-  
15       uated for potential mitigation measures to reduce  
16       wildlife-vehicle collisions and increase habitat  
17       connectivity for terrestrial and aquatic species, tak-  
18       ing into consideration—

19           “(A) the number of wildlife-vehicle colli-  
20       sions on the highway that pose a human safety  
21       risk;

22           “(B) highway-related mortality and the ef-  
23       fects of traffic on the highway on—

24           “(i) species listed as endangered spe-  
25       cies or threatened species under the En-



1           dangered Species Act of 1973 (16 U.S.C.  
2           1531 et seq.);

3           “(ii) species identified by a State as  
4           species of greatest conservation need;

5           “(iii) species identified in State wild-  
6           life plans; and

7           “(iv) medium and small terrestrial  
8           and aquatic species; and

9           “(C) habitat connectivity values for terres-  
10          trial and aquatic species and the barrier effect  
11          of the highway on the movements and migra-  
12          tions of those species.”.

13          (2) CLERICAL AMENDMENT.—The analysis for  
14          chapter 1 of title 23, United States Code (as amend-  
15          ed by subsection (b)(2)) is amended by inserting  
16          after the item relating to section 171 the following:

“172. Wildlife-vehicle collision reduction and habitat connectivity improvement.”.

17          (d) WILDLIFE CROSSINGS STANDARDS.—Section  
18          109(c)(2) of title 23, United States Code, is amended—

19                 (1) in subparagraph (E), by striking “and” at  
20                 the end;

21                 (2) by redesignating subparagraph (F) as sub-  
22                 paragraph (G); and

23                 (3) by inserting after subparagraph (E) the fol-  
24                 lowing:

1           “(F) the publication of the Federal High-  
2           way Administration entitled ‘Wildlife Crossing  
3           Structure Handbook: Design and Evaluation in  
4           North America’ and dated March 2011; and”.

5           (e) WILDLIFE HABITAT CONNECTIVITY AND NA-  
6           TIONAL BRIDGE AND TUNNEL INVENTORY AND INSPEC-  
7           TION STANDARDS.—Section 144 of title 23, United States  
8           Code, is amended—

9           (1) in subsection (a)(2)—

10           (A) in subparagraph (B), by inserting “,  
11           resilience,” after “safety”;

12           (B) in subparagraph (D), by striking  
13           “and” at the end;

14           (C) in subparagraph (E), by striking the  
15           period at the end and inserting “; and”; and

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

17           “(F) to ensure adequate passage of aquatic  
18           and terrestrial species, where appropriate.”;

19           (2) in subsection (b)—

20           (A) in paragraph (4), by striking “and” at  
21           the end;

22           (B) in paragraph (5), by striking the pe-  
23           riod at the end and inserting “; and”; and

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

1           “(6) determine if the replacement or rehabilita-  
2           tion of bridges and tunnels should include measures  
3           to enable safe and unimpeded movement for terres-  
4           trial and aquatic species.”; and

5           (3) in subsection (i), by adding at the end the  
6           following:

7           “(3) REQUIREMENT.—The first revision under  
8           paragraph (2) after the date of enactment of the  
9           Surface Transportation Reauthorization Act of 2021  
10          shall include techniques to assess passage of aquatic  
11          and terrestrial species and habitat restoration poten-  
12          tial.”.

13 **SEC. 1124. CONSOLIDATION OF PROGRAMS.**

14          Section 1519(a) of MAP-21 (Public Law 112-141;  
15          126 Stat. 574; 129 Stat. 1423) is amended, in the matter  
16          preceding paragraph (1), by striking “fiscal years 2016  
17          through 2020” and inserting “fiscal years 2022 through  
18          2026”.

19 **SEC. 1125. STATE FREIGHT ADVISORY COMMITTEES.**

20          Section 70201 of title 49, United States Code, is  
21          amended—

22                 (1) in subsection (a), by striking “representa-  
23                 tives of ports, freight railroads,” and all that follows  
24                 through the period at the end and inserting the fol-  
25                 lowing: “representatives of—

- 1 “(1) ports, if applicable;  
2 “(2) freight railroads, if applicable;  
3 “(3) shippers;  
4 “(4) carriers;  
5 “(5) freight-related associations;  
6 “(6) third-party logistics providers;  
7 “(7) the freight industry workforce;  
8 “(8) the transportation department of the  
9 State;  
10 “(9) metropolitan planning organizations;  
11 “(10) local governments;  
12 “(11) the environmental protection department  
13 of the State, if applicable;  
14 “(12) the air resources board of the State, if  
15 applicable; and  
16 “(13) economic development agencies of the  
17 State.”;
- 18 (2) in subsection (b)(5), by striking “70202.”  
19 and inserting “70202, including by providing advice  
20 regarding the development of the freight investment  
21 plan.”;
- 22 (3) by redesignating subsection (b) as sub-  
23 section (c); and
- 24 (4) by inserting after subsection (a) the fol-  
25 lowing:

1       “(b) **QUALIFICATIONS.**—Each member of a freight  
2 advisory committee established under subsection (a) shall  
3 have qualifications sufficient to serve on a freight advisory  
4 committee, including, as applicable—

5               “(1) general business and financial experience;

6               “(2) experience or qualifications in the areas of  
7 freight transportation and logistics;

8               “(3) experience in transportation planning;

9               “(4) experience representing employees of the  
10 freight industry; or

11               “(5) experience representing a State, local gov-  
12 ernment, or metropolitan planning organization.”.

13 **SEC. 1126. TERRITORIAL AND PUERTO RICO HIGHWAY PRO-**  
14 **GRAM.**

15       Section 165 of title 23, United States Code, is  
16 amended—

17               (1) in subsection (a), by striking paragraphs  
18 (1) and (2) and inserting the following:

19               “(1) for the Puerto Rico highway program  
20 under subsection (b)—

21                       “(A) \$173,010,000 shall be for fiscal year  
22                       2022;

23                       “(B) \$176,960,000 shall be for fiscal year  
24                       2023;

1           “(C) \$180,120,000 shall be for fiscal year  
2           2024;

3           “(D) \$183,675,000 shall be for fiscal year  
4           2025; and

5           “(E) \$187,230,000 shall be for fiscal year  
6           2026; and

7           “(2) for the territorial highway program under  
8           subsection (c)—

9           “(A) \$45,990,000 shall be for fiscal year  
10          2022;

11          “(B) \$47,040,000 shall be for fiscal year  
12          2023;

13          “(C) \$47,880,000 shall be for fiscal year  
14          2024;

15          “(D) \$48,825,000 shall be for fiscal year  
16          2025; and

17          “(E) \$49,770,000 shall be for fiscal year  
18          2026.”;

19          (2) in subsection (b)(2)(C)(iii), by inserting  
20          “and preventative maintenance on the National  
21          Highway System” after “chapter 1”; and

22          (3) in subsection (c)(7), by striking “para-  
23          graphs (1) through (4) of section 133(c) and section  
24          133(b)(12)” and inserting “paragraphs (1), (2), (3),  
25          and (5) of section 133(c) and section 133(b)(13)”.

1 **SEC. 1127. NATIONALLY SIGNIFICANT FEDERAL LANDS AND**  
2 **TRIBAL PROJECTS PROGRAM.**

3 Section 1123 of the FAST Act (23 U.S.C. 201 note;  
4 Public Law 114–94) is amended—

5 (1) in subsection (c)(3), by striking  
6 “\$25,000,000” and all that follows through the pe-  
7 riod at the end and inserting “\$12,500,000.”;

8 (2) in subsection (g)—

9 (A) by striking the subsection designation  
10 and heading and all that follows through “The  
11 Federal” in paragraph (1) and inserting the fol-  
12 lowing:

13 “(g) COST SHARE.—

14 “(1) FEDERAL SHARE.—

15 “(A) IN GENERAL.—Except as provided in  
16 subparagraph (B), the Federal”;

17 (B) in paragraph (1), by adding at the end  
18 the following:

19 “(B) TRIBAL PROJECTS.—In the case of a  
20 project on a tribal transportation facility (as de-  
21 fined in section 101(a) of title 23, United  
22 States Code), the Federal share of the cost of  
23 the project shall be 100 percent.”; and

24 (C) in paragraph (2), by striking “other  
25 than those made available under title 23 or title  
26 49, United States Code,”; and

1           (3) by striking subsection (h) and inserting the  
2 following:

3           “(h) USE OF FUNDS.—

4                 “(1) IN GENERAL.—For each fiscal year, of the  
5 amounts made available to carry out this section—

6                     “(A) 50 percent shall be used for eligible  
7 projects on Federal lands transportation facili-  
8 ties and Federal lands access transportation fa-  
9 cilities (as those terms are defined in section  
10 101(a) of title 23, United States Code); and

11                     “(B) 50 percent shall be used for eligible  
12 projects on tribal transportation facilities (as  
13 defined in section 101(a) of title 23, United  
14 States Code).

15                 “(2) REQUIREMENT.—Not less than 1 eligible  
16 project carried out using the amount described in  
17 paragraph (1)(A) shall be in a unit of the National  
18 Park System with not less than 3,000,000 annual  
19 visitors.

20                 “(3) AVAILABILITY.—Amounts made available  
21 to carry out this section shall remain available for  
22 a period of 3 fiscal years following the fiscal year for  
23 which the amounts are appropriated.”.



1 **SEC. 1128. TRIBAL HIGH PRIORITY PROJECTS PROGRAM.**

2 Section 1123(h) of MAP-21 (23 U.S.C. 202 note;  
3 Public Law 112-141) is amended—

4 (1) by redesignating paragraph (2) as para-  
5 graph (3);

6 (2) in paragraph (3) (as so redesignated), in  
7 the matter preceding subparagraph (A), by striking  
8 “paragraph (1)” and inserting “paragraphs (1) and  
9 (2)”; and

10 (3) by striking the subsection designation and  
11 heading and all that follows through the period at  
12 the end of paragraph (1) and inserting the following:

13 “(h) FUNDING.—

14 “(1) SET-ASIDE.—For each of fiscal years 2022  
15 through 2026, of the amounts made available to  
16 carry out the tribal transportation program under  
17 section 202 of title 23, United States Code, for that  
18 fiscal year, the Secretary shall use \$9,000,000 to  
19 carry out the program.

20 “(2) AUTHORIZATION OF APPROPRIATIONS.—In  
21 addition to amounts made available under paragraph  
22 (1), there is authorized to be appropriated  
23 \$30,000,000 out of the general fund of the Treasury  
24 to carry out the program for each of fiscal years  
25 2022 through 2026.”.

1 **SEC. 1129. STANDARDS.**

2 Section 109 of title 23, United States Code, is  
3 amended—

4 (1) in subsection (d)—

5 (A) by striking “(d) On any” and inserting  
6 the following:

7 “(d) MANUAL ON UNIFORM TRAFFIC CONTROL DE-  
8 VICES.—

9 “(1) IN GENERAL.—On any”;

10 (B) in paragraph (1) (as so designated), by  
11 striking “promote the safe” and inserting “pro-  
12 mote the safety, inclusion, and mobility of all  
13 users”; and

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

15 “(2) UPDATES.—Not later than 18 months  
16 after the date of enactment of the Surface Transpor-  
17 tation Reauthorization Act of 2021 and not less fre-  
18 quently than every 4 years thereafter, the Secretary  
19 shall update the Manual on Uniform Traffic Control  
20 Devices.”;

21 (2) in subsection (o)—

22 (A) by striking “Projects” and inserting:

23 “(A) IN GENERAL.—Projects”; and

24 (B) by inserting at the end the following:

25 “(B) LOCAL JURISDICTIONS.—Notwith-  
26 standing subparagraph (A), a local jurisdiction

1           may use a roadway design guide recognized by  
2           the Federal Highway Administration and  
3           adopted by the local jurisdiction that is dif-  
4           ferent from the roadway design guide used by  
5           the State in which the local jurisdiction is lo-  
6           cated for the design of projects on all roadways  
7           under the ownership of the local jurisdiction  
8           (other than a highway on the National Highway  
9           System) for which the local jurisdiction is the  
10          project sponsor, provided that the design com-  
11          plies with all other applicable Federal laws.”;  
12          and

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

14          “(s) ELECTRIC VEHICLE CHARGING STATIONS.—

15                 “(1) STANDARDS.—Electric vehicle charging in-  
16                 frastructure installed using funds provided under  
17                 this title shall provide, at a minimum—

18                         “(A) non-proprietary charging connectors  
19                         that meet applicable industry safety standards;  
20                         and

21                         “(B) open access to payment methods that  
22                         are available to all members of the public to en-  
23                         sure secure, convenient, and equal access to the  
24                         electric vehicle charging infrastructure that

1           shall not be limited by membership to a par-  
2           ticular payment provider.

3           “(2) TREATMENT OF PROJECTS.—Notwith-  
4           standing any other provision of law, a project to in-  
5           stall electric vehicle charging infrastructure using  
6           funds provided under this title shall be treated as if  
7           the project is located on a Federal-aid highway.”.

8 **SEC. 1130. PUBLIC TRANSPORTATION.**

9           (a) IN GENERAL.—Section 142(a) of title 23, United  
10          States Code, is amended by adding at the end the fol-  
11          lowing:

12           “(3) BUS CORRIDORS.—In addition to the  
13          projects described in paragraphs (1) and (2), the  
14          Secretary may approve payment from sums appor-  
15          tioned under paragraph (2) or (7) of section 104(b)  
16          for carrying out a capital project for the construc-  
17          tion of a bus rapid transit corridor or dedicated bus  
18          lanes, including the construction or installation of—

19                   “(A) traffic signaling and prioritization  
20                   systems;

21                   “(B) redesigned intersections that are nec-  
22                   essary for the establishment of a bus rapid  
23                   transit corridor;

24                   “(C) on-street stations;

25                   “(D) fare collection systems;

1           “(E) information and wayfinding systems;  
 2           and  
 3           “(F) depots.”.

4           (b) **TECHNICAL CORRECTION.**—Section 142 of title  
 5 23, United States Code, is amended by striking subsection  
 6 (i).

7 **SEC. 1131. RURAL OPPORTUNITIES TO USE TRANSPOR-**  
 8 **TATION FOR ECONOMIC SUCCESS COUNCIL.**

9           (a) **DEFINITIONS.**—In this section:

10           (1) **COUNCIL.**—The term “Council” means the  
 11 Rural Opportunities to Use Transportation for Eco-  
 12 nomic Success Council, or the ROUTES Council, es-  
 13 tablished under subsection (b).

14           (2) **DISADVANTAGED RURAL COMMUNITY.**—The  
 15 term “disadvantaged rural community” means a  
 16 community—

17           (A) in a rural area; and

18           (B) the annual median household income  
 19 of which is less than 80 percent of the annual  
 20 median household income of the State in which  
 21 the community is located.

22           (3) **DISCRETIONARY FUNDING AND FINANCING**  
 23 **PROGRAMS.**—The term “discretionary funding and  
 24 financing programs” means—

1 (A) the programs described in section  
2 116(d)(1) of title 49, United States Code; and

3 (B) any other program of the Department,  
4 as determined by the Secretary.

5 (4) INDIAN TRIBE.—The term “Indian Tribe”  
6 has the meaning given the term in section 4 of the  
7 Indian Self-Determination and Education Assistance  
8 Act (25 U.S.C. 5304).

9 (5) RURAL AREA.—The term “rural area”  
10 means an area that is outside an urbanized area  
11 with a population of over 200,000.

12 (b) ESTABLISHMENT.—The Secretary shall establish  
13 in the Department a council, to be known as the “Rural  
14 Opportunities to Use Transportation for Economic Suc-  
15 cess Council”, or the “ROUTES Council”, to coordinate  
16 with—

17 (1) modal administrations and offices of the  
18 Department; and

19 (2) other Federal agencies, as appropriate—

20 (A) to ensure that the unique transpor-  
21 tation needs and attributes of rural areas, In-  
22 dian Tribes, and disadvantaged rural commu-  
23 nities are fully addressed during the develop-  
24 ment and implementation of programs, policies,  
25 and activities of the Department;

1 (B) to increase coordination of programs,  
2 policies, and activities of the Department in a  
3 manner that improves and expands transpor-  
4 tation infrastructure in order to further eco-  
5 nomic development in, and the quality of life of,  
6 rural areas, Indian Tribes, and disadvantaged  
7 rural communities; and

8 (C) to provide rural areas, Indian Tribes,  
9 and disadvantaged rural communities with  
10 proactive outreach—

11 (i) to improve access to discretionary  
12 funding and financing programs; and

13 (ii) to facilitate timely resolution on  
14 environmental reviews for complex or high-  
15 priority projects.

16 (c) MEMBERSHIP; CHAIRPERSON.—The Council shall  
17 be composed of—

18 (1) the Deputy Secretary of Transportation,  
19 who shall serve as the chairperson of the Council;

20 (2) the Under Secretary of Transportation for  
21 Policy;

22 (3) the General Counsel of the Department;

23 (4) the Chief Financial Officer and Assistant  
24 Secretary for Budget and Programs;

1           (5) the Assistant Secretary for Research and  
2           Technology;

3           (6) the Assistant Secretary for Transportation  
4           Policy;

5           (7) the Deputy Assistant Secretary for Tribal  
6           Government Affairs;

7           (8) the Administrator of each of—

8                 (A) the Federal Highway Administration;

9                 (B) the Federal Railroad Administration;

10           and

11                 (C) the Federal Transit Administration;

12           and

13           (9) such other individuals, who shall serve as  
14           at-large members, as the Secretary may designate.

15           (d) DUTIES.—The Council shall—

16                 (1) educate and provide technical assistance to  
17                 rural areas, Indian Tribes, and disadvantaged rural  
18                 communities with respect to discretionary funding  
19                 and financing programs;

20                 (2) carry out research and utilize innovative ap-  
21                 proaches to resolve the transportation challenges  
22                 faced by rural areas, Indian Tribes, and disadvan-  
23                 taged rural communities;

24                 (3) gather input from knowledgeable entities  
25                 and the public relating to—



1 (A) the benefits of transportation projects  
2 to rural areas, Indian Tribes, and disadvan-  
3 taged rural communities; and

4 (B) the barriers to advancing those  
5 projects; and

6 (4) perform such other duties, as determined by  
7 the Secretary.

8 (e) ADDITIONAL STAFFING.—The Secretary shall en-  
9 sure the Council has adequate staff support to carry out  
10 the duties of the Council under subsection (d).

11 (f) REPORT.—The Council shall submit to the Com-  
12 mittee on Environment and Public Works of the Senate  
13 and the Committee on Transportation and Infrastructure  
14 of the House of Representatives an annual report that de-  
15 scribes the activities carried out by the Council under sub-  
16 section (d).

17 **SEC. 1132. RESERVATION OF CERTAIN FUNDS.**

18 (a) OPEN CONTAINER REQUIREMENTS.—Section  
19 154(c)(2) of title 23, United States Code, is amended—

20 (1) in the paragraph heading, by striking  
21 “2012” and inserting “2022”;

22 (2) by striking subparagraph (A) and inserting  
23 the following:

24 “(A) RESERVATION OF FUNDS.—

1           “(i) IN GENERAL.—On October 1,  
2           2021, and each October 1 thereafter, in  
3           the case of a State described in clause (ii),  
4           the Secretary shall reserve an amount  
5           equal to 2.5 percent of the funds to be ap-  
6           portioned to the State on that date under  
7           each of paragraphs (1) and (2) of section  
8           104(b) until the State certifies to the Sec-  
9           retary the means by which the State will  
10          use those reserved funds in accordance  
11          with subparagraphs (A) and (B) of para-  
12          graph (1), and paragraph (3).

13           “(ii) STATES DESCRIBED.—A State  
14          referred to in clause (i) is a State—

15                   “(I) that has not enacted or is  
16                   not enforcing an open container law  
17                   described in subsection (b); and

18                   “(II) for which the Secretary de-  
19                   termined for the prior fiscal year that  
20                   the State had not enacted or was not  
21                   enforcing an open container law de-  
22                   scribed in subsection (b).”; and

23           (3) in subparagraph (B), in the matter pre-  
24          ceding clause (i), by striking “subparagraph (A)”  
25          and inserting “subparagraph (A)(i)”.

1 (b) REPEAT INTOXICATED DRIVER LAWS.—Section  
2 164(b)(2) of title 23, United States Code, is amended—

3 (1) in the paragraph heading, by striking  
4 “2012” and inserting “2022”;

5 (2) by striking subparagraph (A) and inserting  
6 the following:

7 “(A) RESERVATION OF FUNDS.—

8 “(i) IN GENERAL.—On October 1,  
9 2021, and each October 1 thereafter, in  
10 the case of a State described in clause (ii),  
11 the Secretary shall reserve an amount  
12 equal to 2.5 percent of the funds to be ap-  
13 portioned to the State on that date under  
14 each of paragraphs (1) and (2) of section  
15 104(b) until the State certifies to the Sec-  
16 retary the means by which the State will  
17 use those reserved funds in accordance  
18 with subparagraphs (A) and (B) of para-  
19 graph (1), and paragraph (3).

20 “(ii) STATES DESCRIBED.—A State  
21 referred to in clause (i) is a State—

22 “(I) that has not enacted or is  
23 not enforcing a repeat intoxicated  
24 driver law; and

1                   “(II) for which the Secretary de-  
 2                   termined for the prior fiscal year that  
 3                   the State had not enacted or was not  
 4                   enforcing a repeat intoxicated driver  
 5                   law.”; and

6                   (3) in subparagraph (B), in the matter pre-  
 7                   ceding clause (i), by striking “subparagraph (A)”  
 8                   and inserting “subparagraph (A)(i)”.

9   **SEC. 1133. RURAL SURFACE TRANSPORTATION GRANT PRO-**  
 10                   **GRAM.**

11           (a) IN GENERAL.—Chapter 1 of title 23, United  
 12 States Code (as amended by section 1123(c)(1)), is  
 13 amended by adding at the end the following:

14   **“§ 173. Rural surface transportation grant program**

15           “(a) DEFINITIONS.—In this section:

16                   “(1) PROGRAM.—The term ‘program’ means  
 17                   the program established under subsection (b)(1).

18                   “(2) RURAL AREA.—The term ‘rural area’  
 19                   means an area that is outside an urbanized area  
 20                   with a population of over 200,000.

21           “(b) ESTABLISHMENT.—

22                   “(1) IN GENERAL.—The Secretary shall estab-  
 23                   lish a rural surface transportation grant program to  
 24                   provide grants, on a competitive basis, to eligible en-

1       tities to improve and expand the surface transpor-  
2       tation infrastructure in rural areas.

3           “(2) GOALS.—The goals of the program shall  
4       be—

5           “(A) to increase connectivity;

6           “(B) to improve the safety and reliability  
7       of the movement of people and freight; and

8           “(C) to generate regional economic growth  
9       and improve quality of life.

10          “(3) GRANT ADMINISTRATION.—The Secretary  
11       may—

12           “(A) retain not more than a total of 2 per-  
13       cent of the funds made available to carry out  
14       the program and to review applications for  
15       grants under the program; and

16           “(B) transfer portions of the funds re-  
17       tained under subparagraph (A) to the relevant  
18       Administrators to fund the award and oversight  
19       of grants provided under the program.

20          “(c) ELIGIBLE ENTITIES.—The Secretary may make  
21       a grant under the program to—

22           “(1) a State;

23           “(2) a regional transportation planning organi-  
24       zation;

25           “(3) a unit of local government;

1           “(4) a Tribal government or a consortium of  
2 Tribal governments; and

3           “(5) a multijurisdictional group of entities de-  
4 scribed in paragraphs (1) through (4).

5           “(d) APPLICATIONS.—To be eligible to receive a  
6 grant under the program, an eligible entity shall submit  
7 to the Secretary an application in such form, at such time,  
8 and containing such information as the Secretary may re-  
9 quire.

10          “(e) ELIGIBLE PROJECTS.—

11           “(1) IN GENERAL.—Except as provided in para-  
12 graph (2), the Secretary may make a grant under  
13 the program only for a project that is—

14           “(A) a highway, bridge, or tunnel project  
15 eligible under section 119(d);

16           “(B) a highway, bridge, or tunnel project  
17 eligible under section 133(b);

18           “(C) a project eligible under section  
19 202(a);

20           “(D) a highway freight project eligible  
21 under section 167(h)(5);

22           “(E) a highway safety improvement  
23 project, including a project to improve a high  
24 risk rural road (as those terms are defined in  
25 section 148(a));

1           “(F) a project on a publicly owned high-  
2 way or bridge that provides or increases access  
3 to an agricultural, commercial, energy, or inter-  
4 modal facility that supports the economy of a  
5 rural area; or

6           “(G) a project to develop, establish, or  
7 maintain an integrated mobility management  
8 system, a transportation demand management  
9 system, or on-demand mobility services.

10       “(2) BUNDLING OF ELIGIBLE PROJECTS.—

11           “(A) IN GENERAL.—An eligible entity may  
12 bundle 2 or more similar eligible projects under  
13 the program that are—

14           “(i) included as a bundled project in  
15 a statewide transportation improvement  
16 program under section 135; and

17           “(ii) awarded to a single contractor or  
18 consultant pursuant to a contract for engi-  
19 neering and design or construction between  
20 the contractor and the eligible entity.

21       “(B) ITEMIZATION.—Notwithstanding any  
22 other provision of law (including regulations), a  
23 bundling of eligible projects under this para-  
24 graph may be considered to be a single project,  
25 including for purposes of section 135.

1       “(f) ELIGIBLE PROJECT COSTS.—An eligible entity  
2 may use funds from a grant under the program for—

3           “(1) development phase activities, including  
4 planning, feasibility analysis, revenue forecasting,  
5 environmental review, preliminary engineering and  
6 design work, and other preconstruction activities;  
7 and

8           “(2) construction, reconstruction, rehabilitation,  
9 acquisition of real property (including land related  
10 to the project and improvements to the land), envi-  
11 ronmental mitigation, construction contingencies, ac-  
12 quisition of equipment, and operational improve-  
13 ments.

14       “(g) PROJECT REQUIREMENTS.—The Secretary may  
15 provide a grant under the program to an eligible project  
16 only if the Secretary determines that the project—

17           “(1) will generate regional economic, mobility,  
18 or safety benefits;

19           “(2) will be cost effective;

20           “(3) will contribute to the accomplishment of 1  
21 or more of the national goals under section 150;

22           “(4) is based on the results of preliminary engi-  
23 neering; and



1           “(5) is reasonably expected to begin construc-  
2           tion not later than 18 months after the date of obli-  
3           gation of funds for the project.

4           “(h) ADDITIONAL CONSIDERATIONS.—In providing  
5           grants under the program, the Secretary shall consider the  
6           extent to which an eligible project will—

7           “(1) improve the state of good repair of existing  
8           highway, bridge, and tunnel facilities;

9           “(2) increase the capacity or connectivity of the  
10          surface transportation system and improve mobility  
11          for residents of rural areas;

12          “(3) address economic development and job cre-  
13          ation challenges, including energy sector job losses  
14          in energy communities as identified in the report re-  
15          leased in April 2021 by the interagency working  
16          group established by section 218 of Executive Order  
17          14008 (86 Fed. Reg. 7628 (February 1, 2021));

18          “(4) enhance recreational and tourism opportu-  
19          nities by providing access to Federal land, national  
20          parks, national forests, national recreation areas, na-  
21          tional wildlife refuges, wilderness areas, or State  
22          parks;

23          “(5) contribute to geographic diversity among  
24          grant recipients;

1           “(6) utilize innovative project delivery ap-  
2           proaches or incorporate transportation technologies;

3           “(7) coordinate with projects to address  
4           broadband infrastructure needs; or

5           “(8) improve access to emergency care, essen-  
6           tial services, healthcare providers, or drug and alco-  
7           hol treatment and rehabilitation resources.

8           “(i) GRANT AMOUNT.—Except as provided in sub-  
9           section (k)(1), a grant under the program shall be in an  
10          amount that is not less than \$25,000,000.

11          “(j) FEDERAL SHARE.—

12           “(1) IN GENERAL.—Except as provided in para-  
13          graph (2), the Federal share of the cost of a project  
14          carried out with a grant under the program may not  
15          exceed 80 percent.

16           “(2) FEDERAL SHARE FOR CERTAIN  
17          PROJECTS.—The Federal share of the cost of an eli-  
18          gible project that furthers the completion of a des-  
19          ignated segment of the Appalachian Development  
20          Highway System under section 14501 of title 40, or  
21          addresses a surface transportation infrastructure  
22          need identified for the Denali access system program  
23          under section 309 of the Denali Commission Act of  
24          1998 (42 U.S.C. 3121 note; Public Law 105–277)

1 shall be up to 100 percent, as determined by the  
2 State.

3 “(3) USE OF OTHER FEDERAL ASSISTANCE.—  
4 Federal assistance other than a grant under the pro-  
5 gram may be used to satisfy the non-Federal share  
6 of the cost of a project carried out with a grant  
7 under the program.

8 “(k) SET ASIDES.—

9 “(1) SMALL PROJECTS.—The Secretary shall  
10 use not more than 10 percent of the amounts made  
11 available for the program for each fiscal year to pro-  
12 vide grants for eligible projects in an amount that  
13 is less than \$25,000,000.

14 “(2) APPALACHIAN DEVELOPMENT HIGHWAY  
15 SYSTEM.—The Secretary shall reserve 25 percent of  
16 the amounts made available for the program for  
17 each fiscal year for eligible projects that further the  
18 completion of designated routes of the Appalachian  
19 Development Highway System under section 14501  
20 of title 40.

21 “(3) RURAL ROADWAY LANE DEPARTURES.—  
22 The Secretary shall reserve 15 percent of the  
23 amounts made available for the program for each  
24 fiscal year to provide grants for eligible projects lo-  
25 cated in States that have rural roadway fatalities as

1 a result of lane departures that are greater than the  
2 average of rural roadway fatalities as a result of  
3 lane departures in the United States, based on the  
4 latest available data from the Secretary.

5 “(4) EXCESS FUNDING.—In any fiscal year in  
6 which qualified applications for grants under this  
7 subsection do not allow for the amounts reserved  
8 under paragraphs (1), (2), or (3) to be fully utilized,  
9 the Secretary shall use the unutilized amounts to  
10 make other grants under the program.

11 “(1) CONGRESSIONAL REVIEW.—

12 “(1) NOTIFICATION.—Not less than 60 days be-  
13 fore providing a grant under the program, the Sec-  
14 retary shall submit to the Committee on Environ-  
15 ment and Public Works of the Senate and the Com-  
16 mittee on Transportation and Infrastructure of the  
17 House of Representatives—

18 “(A) a list of all applications determined to  
19 be eligible for a grant by the Secretary;

20 “(B) each application proposed to be se-  
21 lected for a grant, including a justification for  
22 the selection; and

23 “(C) proposed grant amounts.

24 “(2) COMMITTEE REVIEW.—Before the last day  
25 of the 60-day period described in paragraph (1),

1 each Committee described in paragraph (1) shall re-  
2 view the list of proposed projects submitted by the  
3 Secretary.

4 “(3) CONGRESSIONAL DISAPPROVAL.—The Sec-  
5 retary may not make a grant or any other obligation  
6 or commitment to fund a project under the program  
7 if a joint resolution is enacted disapproving funding  
8 for the project before the last day of the 60-day pe-  
9 riod described in paragraph (1).

10 “(m) TRANSPARENCY.—

11 “(1) IN GENERAL.—Not later than 30 days  
12 after providing a grant for a project under the pro-  
13 gram, the Secretary shall provide to all applicants,  
14 and publish on the website of the Department of  
15 Transportation, the information described in sub-  
16 section (l)(1).

17 “(2) BRIEFING.—The Secretary shall provide,  
18 on the request of an eligible entity, the opportunity  
19 to receive a briefing to explain any reasons the eligi-  
20 ble entity was not selected to receive a grant under  
21 the program.

22 “(n) REPORTS.—

23 “(1) ANNUAL REPORT.—The Secretary shall  
24 make available on the website of the Department of  
25 Transportation at the end of each fiscal year an an-

1 nual report that lists each project for which a grant  
2 has been provided under the program during that  
3 fiscal year.

4 “(2) COMPTROLLER GENERAL.—

5 “(A) ASSESSMENT.—The Comptroller Gen-  
6 eral of the United States shall conduct an as-  
7 sessment of the administrative establishment,  
8 solicitation, selection, and justification process  
9 with respect to the awarding of grants under  
10 the program for each fiscal year.

11 “(B) REPORT.—Each fiscal year, the  
12 Comptroller General shall submit to the Com-  
13 mittee on Environment and Public Works of the  
14 Senate and the Committee on Transportation  
15 and Infrastructure of the House of Representa-  
16 tives a report that describes, for the fiscal  
17 year—

18 “(i) the adequacy and fairness of the  
19 process by which each project was selected,  
20 if applicable; and

21 “(ii) the justification and criteria used  
22 for the selection of each project, if applica-  
23 ble.”.

24 (b) CLERICAL AMENDMENT.—The analysis for chap-  
25 ter 1 of title 23, United States Code (as amended by sec-

1 tion (1123(c)(2)), is amended by inserting after the item  
 2 relating to section 172 the following:

“173. Rural surface transportation grant program.”.

3 **SEC. 1134. BICYCLE TRANSPORTATION AND PEDESTRIAN**  
 4 **WALKWAYS.**

5 Section 217 of title 23, United States Code, is  
 6 amended—

7 (1) in subsection (a)—

8 (A) by striking “pedestrian walkways and  
 9 bicycle” and inserting “pedestrian walkways  
 10 and bicycle and shared micromobility”; and

11 (B) by striking “safe bicycle use” and in-  
 12 serting “safe access for bicyclists and pedes-  
 13 trians”;

14 (2) in subsection (d), by striking “a position”  
 15 and inserting “up to 2 positions”;

16 (3) in subsection (e), by striking “bicycles”  
 17 each place it appears and inserting “pedestrians or  
 18 bicyclists”;

19 (4) in subsection (f), by striking “and a bicy-  
 20 cle” and inserting “or a bicycle or shared micro-  
 21 mobility”; and

22 (5) in subsection (j), by striking paragraph (2)  
 23 and inserting the following:

24 “(2) ELECTRIC BICYCLE.—

1           “(A) IN GENERAL.—The term ‘electric bi-  
2 cycle’ means a bicycle—

3           “(i) equipped with fully operable ped-  
4 als, a saddle or seat for the rider, and an  
5 electric motor of less than 750 watts;

6           “(ii) that can safely share a bicycle  
7 transportation facility with other users of  
8 such facility; and

9           “(iii) that is a class 1 electric bicycle,  
10 class 2 electric bicycle, or class 3 electric  
11 bicycle.

12           “(B) CLASSES OF ELECTRIC BICYCLES.—

13           “(i) CLASS 1 ELECTRIC BICYCLE.—  
14 For purposes of subparagraph (A)(iii), the  
15 term ‘class 1 electric bicycle’ means an  
16 electric bicycle, other than a class 3 elec-  
17 tric bicycle, equipped with a motor that—

18           “(I) provides assistance only  
19 when the rider is pedaling; and

20           “(II) ceases to provide assistance  
21 when the speed of the bicycle reaches  
22 or exceeds 20 miles per hour.

23           “(ii) CLASS 2 ELECTRIC BICYCLE.—  
24 For purposes of subparagraph (A)(iii), the  
25 term ‘class 2 electric bicycle’ means an



1 electric bicycle equipped with a motor  
2 that—

3 “(I) may be used exclusively to  
4 propel the bicycle; and

5 “(II) is not capable of providing  
6 assistance when the speed of the bicy-  
7 cle reaches or exceeds 20 miles per  
8 hour.

9 “(iii) CLASS 3 ELECTRIC BICYCLE.—  
10 For purposes of subparagraph (A)(iii), the  
11 term ‘class 3 electric bicycle’ means an  
12 electric bicycle equipped with a motor  
13 that—

14 “(I) provides assistance only  
15 when the rider is pedaling; and

16 “(II) ceases to provide assistance  
17 when the speed of the bicycle reaches  
18 or exceeds 28 miles per hour.”.

19 **SEC. 1135. RECREATIONAL TRAILS PROGRAM.**

20 Section 206 of title 23, United States Code, is  
21 amended by adding at the end the following:

22 “(j) USE OF OTHER APPORTIONED FUNDS.—Funds  
23 apportioned to a State under section 104(b) that are obli-  
24 gated for a recreational trail or a related project shall be

1 administered as if the funds were made available to carry  
2 out this section.”.

3 **SEC. 1136. UPDATES TO MANUAL ON UNIFORM TRAFFIC**  
4 **CONTROL DEVICES.**

5 In carrying out the first update to the Manual on  
6 Uniform Traffic Control Devices under section 109(d)(2)  
7 of title 23, United States Code, to the greatest extent  
8 practicable, the Secretary shall include updates necessary  
9 to provide for—

10 (1) the protection of vulnerable road users (as  
11 defined in section 148(a) of title 23, United States  
12 Code);

13 (2) supporting the safe testing of automated ve-  
14 hicle technology and any preparation necessary for  
15 the safe integration of automated vehicles onto pub-  
16 lic streets;

17 (3) appropriate use of variable message signs to  
18 enhance public safety;

19 (4) the minimum retroreflectivity of traffic con-  
20 trol devices and pavement markings; and

21 (5) any additional recommendations made by  
22 the National Committee on Uniform Traffic Control  
23 Devices that have not been incorporated into the  
24 Manual on Uniform Traffic Control Devices.

1                   **Subtitle B—Planning and**  
2                   **Performance Management**

3   **SEC. 1201. TRANSPORTATION PLANNING.**

4           (a) METROPOLITAN TRANSPORTATION PLANNING.—

5   Section 134 of title 23, United States Code, is amended—

6           (1) in subsection (d)—

7                   (A) in paragraph (3), by adding at the end  
8                   the following:

9                           “(D) CONSIDERATIONS.—In designating  
10                           officials or representatives under paragraph (2)  
11                           for the first time, subject to the bylaws or ena-  
12                           bling statute of the metropolitan planning orga-  
13                           nization, the metropolitan planning organization  
14                           shall consider the equitable and proportional  
15                           representation of the population of the metro-  
16                           politan planning area.”; and

17                   (B) in paragraph (7)—

18                           (i) by striking “an existing metropoli-  
19                           tan planning area” and inserting “an ex-  
20                           isting urbanized area (as defined by the  
21                           Bureau of the Census)”; and

22                           (ii) by striking “the existing metro-  
23                           politan planning area” and inserting “the  
24                           area”;

25           (2) in subsection (g)—

1 (A) in paragraph (1), by striking “a met-  
2 ropolitan area” and inserting “an urbanized  
3 area (as defined by the Bureau of the Census)”;  
4 and

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

6 “(4) COORDINATION BETWEEN MPOS.—If  
7 more than 1 metropolitan planning organization is  
8 designated within an urbanized area (as defined by  
9 the Bureau of the Census) under subsection (d)(7),  
10 the metropolitan planning organizations designated  
11 within the area shall ensure, to the maximum extent  
12 practicable, the consistency of any data used in the  
13 planning process, including information used in fore-  
14 casting travel demand.

15 “(5) SAVINGS CLAUSE.—Nothing in this sub-  
16 section requires metropolitan planning organizations  
17 designated within a single urbanized area to jointly  
18 develop planning documents, including a unified  
19 long-range transportation plan or unified TIP.”;

20 (3) in subsection (i)(6), by adding at the end  
21 the following:

22 “(D) USE OF TECHNOLOGY.—A metropoli-  
23 tan planning organization may use social media  
24 and other web-based tools—

1                   “(i) to further encourage public par-  
2                   ticipation; and

3                   “(ii) to solicit public feedback during  
4                   the transportation planning process.”; and

5                   (4) in subsection (p), by striking “paragraphs  
6                   (5)(D) and (6) of section 104(b) of this title” and  
7                   inserting “section 104(b)(6)”.

8                   (b) STATEWIDE AND NONMETROPOLITAN TRANSPOR-  
9                   TATION PLANNING.—Section 135(f)(3) of title 23, United  
10                  States Code, is amended by adding at the end the fol-  
11                  lowing:

12                   “(C) USE OF TECHNOLOGY.—A State may  
13                   use social media and other web-based tools—

14                   “(i) to further encourage public par-  
15                   ticipation; and

16                   “(ii) to solicit public feedback during  
17                   the transportation planning process.”.

18                   (c) CONFORMING AMENDMENT.—Section 135(i) of  
19                   title 23, United States Code, is amended by striking  
20                   “paragraphs (5)(D) and (6) of section 104(b) of this title”  
21                   and inserting “section 104(b)(6)”.

22                   **SEC. 1202. FISCAL CONSTRAINT ON LONG-RANGE TRANS-**  
23                   **PORTATION PLANS.**

24                   Not later than 1 year after the date of enactment  
25                   of this Act, the Secretary shall amend section

1 450.324(f)(11)(v) of title 23, Code of Federal Regulations,  
2 to ensure that the outer years of a metropolitan transpor-  
3 tation plan are defined as “beyond the first 4 years”.

4 **SEC. 1203. STATE HUMAN CAPITAL PLANS.**

5 (a) IN GENERAL.—Chapter 1 of title 23, United  
6 States Code (as amended by section 1133(a)), is amended  
7 by adding at the end the following:

8 **“§ 174. State human capital plans**

9 “(a) IN GENERAL.—Not later than 18 months after  
10 the date of enactment of this section, the Secretary shall  
11 encourage each State to develop a voluntary plan, to be  
12 known as a ‘human capital plan’, that provides for the  
13 immediate and long-term personnel and workforce needs  
14 of the State with respect to the capacity of the State to  
15 deliver transportation and public infrastructure eligible  
16 under this title.

17 “(b) PLAN CONTENTS.—

18 “(1) IN GENERAL.—A human capital plan de-  
19 veloped by a State under subsection (a) shall, to the  
20 maximum extent practicable, take into consider-  
21 ation—

22 “(A) significant transportation workforce  
23 trends, needs, issues, and challenges with re-  
24 spect to the State;

1           “(B) the human capital policies, strategies,  
2           and performance measures that will guide the  
3           transportation-related workforce investment de-  
4           cisions of the State;

5           “(C) coordination with educational institu-  
6           tions, industry, organized labor, workforce  
7           boards, and other agencies or organizations to  
8           address the human capital transportation needs  
9           of the State;

10          “(D) a workforce planning strategy that  
11          identifies current and future human capital  
12          needs, including the knowledge, skills, and abili-  
13          ties needed to recruit and retain skilled workers  
14          in the transportation industry;

15          “(E) a human capital management strat-  
16          egy that is aligned with the transportation mis-  
17          sion, goals, and organizational objectives of the  
18          State;

19          “(F) an implementation system for work-  
20          force goals focused on addressing continuity of  
21          leadership and knowledge sharing across the  
22          State;

23          “(G) an implementation system that ad-  
24          dresses workforce competency gaps, particularly  
25          in mission-critical occupations;

1           “(H) in the case of public-private partner-  
2           ships or other alternative project delivery meth-  
3           ods to carry out the transportation program of  
4           the State, a description of workforce needs—

5                   “(i) to ensure that the transportation  
6                   mission, goals, and organizational objec-  
7                   tives of the State are fully carried out; and

8                   “(ii) to ensure that procurement  
9                   methods provide the best public value;

10           “(I) a system for analyzing and evaluating  
11           the performance of the State department of  
12           transportation with respect to all aspects of  
13           human capital management policies, programs,  
14           and activities; and

15           “(J) the manner in which the plan will im-  
16           prove the ability of the State to meet the na-  
17           tional policy in support of performance manage-  
18           ment established under section 150.

19           “(2) PLANNING PERIOD.—If a State develops a  
20           human capital plan under subsection (a), the plan  
21           shall address a 5-year forecast period.

22           “(c) PLAN UPDATES.—If a State develops a human  
23           capital plan under subsection (a), the State shall update  
24           the plan not less frequently than once every 5 years.

25           “(d) RELATIONSHIP TO LONG-RANGE PLAN.—



1           “(1) IN GENERAL.—Subject to paragraph (2), a  
2           human capital plan developed by a State under sub-  
3           section (a) may be developed separately from, or in-  
4           corporated into, the long-range statewide transpor-  
5           tation plan required under section 135.

6           “(2) EFFECT OF SECTION.—Nothing in this  
7           section requires a State, or authorizes the Secretary  
8           to require a State, to incorporate a human capital  
9           plan into the long-range statewide transportation  
10          plan required under section 135.

11          “(e) PUBLIC AVAILABILITY.—Each State that devel-  
12          ops a human capital plan under subsection (a) shall make  
13          a copy of the plan available to the public in a user-friendly  
14          format on the website of the State department of transpor-  
15          tation.

16          “(f) SAVINGS PROVISION.—Nothing in this section  
17          prevents a State from carrying out transportation work-  
18          force planning—

19                  “(1) not described in this section; or

20                  “(2) not in accordance with this section.”.

21          (b) CLERICAL AMENDMENT.—The analysis for chap-  
22          ter 1 of title 23, United States Code (as amended by sec-  
23          tion 1133(b)), is amended by inserting after the item re-  
24          lating to section 173 the following:

“174. State human capital plans.”.

1 **SEC. 1204. PRIORITIZATION PROCESS PILOT PROGRAM.**

2 (a) DEFINITIONS.—In this section:

3 (1) ELIGIBLE ENTITY.—The term “eligible enti-  
4 ty” means any of the following:

5 (A) A metropolitan planning organization  
6 that serves an area with a population of over  
7 200,000.

8 (B) A State.

9 (2) METROPOLITAN PLANNING ORGANIZA-  
10 TION.—The term “metropolitan planning organiza-  
11 tion” has the meaning given the term in section  
12 134(b) of title 23, United States Code.

13 (3) PRIORITIZATION PROCESS PILOT PRO-  
14 GRAM.—The term “prioritization process pilot pro-  
15 gram” means the pilot program established under  
16 subsection (b)(1).

17 (b) ESTABLISHMENT.—

18 (1) IN GENERAL.—The Secretary shall establish  
19 and solicit applications for a prioritization process  
20 pilot program.

21 (2) PURPOSE.—The purpose of the  
22 prioritization process pilot program shall be to sup-  
23 port data-driven approaches to planning that, on  
24 completion, can be evaluated for public benefit.

25 (c) PILOT PROGRAM ADMINISTRATION.—

1           (1) IN GENERAL.—An eligible entity partici-  
2           pating in the prioritization process pilot program  
3           shall—

4                   (A) use priority objectives that are devel-  
5           oped—

6                           (i) in the case of an urbanized area  
7                           with a population of over 200,000, by the  
8                           metropolitan planning organization that  
9                           serves the area, in consultation with the  
10                          State;

11                          (ii) in the case of an urbanized area  
12                          with a population of 200,000 or fewer, by  
13                          the State in consultation with all metro-  
14                          politan planning organizations in the  
15                          State; and

16                          (iii) through a public process that pro-  
17                          vides an opportunity for public input;

18                   (B) assess and score projects and strate-  
19           gies on the basis of—

20                           (i) the contribution and benefits of the  
21                           project or strategy to each priority objec-  
22                           tive developed under subparagraph (A);

23                           (ii) the cost of the project or strategy  
24                           relative to the contribution and benefits as-  
25                           sessed and scored under clause (i); and

1 (iii) public support;

2 (C) use the scores assigned under subpara-  
3 graph (B) to guide project selection in the de-  
4 velopment of the transportation plan and trans-  
5 portation improvement program; and

6 (D) ensure that the public—

7 (i) has opportunities to provide public  
8 comment on projects before decisions are  
9 made on the transportation plan and the  
10 transportation improvement program; and

11 (ii) has access to clear reasons why  
12 each project or strategy was selected or not  
13 selected.

14 (2) REQUIREMENTS.—An eligible entity that re-  
15 ceives a grant under the prioritization process pilot  
16 program shall use the funds as described in each of  
17 the following, as applicable:

18 (A) METROPOLITAN TRANSPORTATION  
19 PLANNING.—In the case of a metropolitan plan-  
20 ning organization that serves an area with a  
21 population of over 200,000, the entity shall—

22 (i) develop and implement a publicly  
23 accessible, transparent prioritization proe-  
24 cess for the selection of projects for inclu-  
25 sion on the transportation plan for the

1 metropolitan planning area under section  
2 134(i) of title 23, United States Code, and  
3 section 5303(i) of title 49, United States  
4 Code, which shall—

5 (I) include criteria identified by  
6 the metropolitan planning organiza-  
7 tion, which may be weighted to reflect  
8 the priority objectives developed under  
9 paragraph (1)(A), that the metropoli-  
10 tan planning organization has deter-  
11 mined support—

12 (aa) factors described in sec-  
13 tion 134(h) of title 23, United  
14 States Code, and section 5303(h)  
15 of title 49, United States Code;

16 (bb) targets for national  
17 performance measures under sec-  
18 tion 150(b) of title 23, United  
19 States Code;

20 (cc) applicable transpor-  
21 tation goals in the metropolitan  
22 planning area or State set by the  
23 applicable transportation agency;  
24 and

- 1 (dd) priority objectives de-  
2 veloped under paragraph (1)(A);  
3 (II) evaluate the outcomes for  
4 each proposed project on the basis of  
5 the benefits of the proposed project  
6 with respect to each of the criteria de-  
7 scribed in subclause (I) relative to the  
8 cost of the proposed project; and  
9 (III) use the evaluation under  
10 subclause (II) to create a ranked list  
11 of proposed projects; and  
12 (ii) with respect to the priority list  
13 under section 134(j)(2)(A) of title 23 and  
14 section 5303(j)(2)(A) of title 49, United  
15 States Code, include projects according to  
16 the rank of the project under clause  
17 (i)(III), except as provided in subpara-  
18 graph (D).
- 19 (B) STATEWIDE TRANSPORTATION PLAN-  
20 NING.—In the case of a State, the State shall—  
21 (i) develop and implement a publicly  
22 accessible, transparent process for the se-  
23 lection of projects for inclusion on the  
24 long-range statewide transportation plan

1 under section 135(f) of title 23, United  
2 States Code, which shall—

3 (I) include criteria identified by  
4 the State, which may be weighted to  
5 reflect statewide priorities, that the  
6 State has determined support—

7 (aa) factors described in sec-  
8 tion 135(d) of title 23, United  
9 States Code, and section 5304(d)  
10 of title 49, United States Code;

11 (bb) national transportation  
12 goals under section 150(b) of  
13 title 23, United States Code;

14 (cc) applicable transpor-  
15 tation goals in the State; and

16 (dd) the priority objectives  
17 developed under paragraph  
18 (1)(A);

19 (II) evaluate the outcomes for  
20 each proposed project on the basis of  
21 the benefits of the proposed project  
22 with respect to each of the criteria de-  
23 scribed in subclause (I) relative to the  
24 cost of the proposed project; and

1 (III) use the evaluation under  
2 subclause (II) to create a ranked list  
3 of proposed projects; and  
4 (ii) with respect to the statewide  
5 transportation improvement program  
6 under section 135(g) of title 23, United  
7 States Code, and section 5304(g) of title  
8 49, United States Code, include projects  
9 according to the rank of the project under  
10 clause (i)(III), except as provided in sub-  
11 paragraph (D).

12 (C) ADDITIONAL TRANSPORTATION PLAN-  
13 NING.—If the eligible entity has implemented,  
14 and has in effect, the requirements under sub-  
15 paragraph (A) or (B), as applicable, the eligible  
16 entity may use any remaining funds from a  
17 grant provided under the pilot program for any  
18 transportation planning purpose.

19 (D) EXCEPTIONS TO PRIORITY RANKING.—  
20 In the case of any project that the eligible enti-  
21 ty chooses to include or not include in the  
22 transportation improvement program under sec-  
23 tion 134(j) of title 23, United States Code, or  
24 the statewide transportation improvement pro-  
25 gram under section 135(g) of title 23, United



1 States Code, as applicable, in a manner that is  
2 contrary to the priority ranking for that project  
3 established under subparagraph (A)(i)(III) or  
4 (B)(i)(III), the eligible entity shall make pub-  
5 licly available an explanation for the decision,  
6 including—

7 (i) a review of public comments re-  
8 garding the project;

9 (ii) an evaluation of public support for  
10 the project;

11 (iii) an assessment of geographic bal-  
12 ance of projects of the eligible entity; and

13 (iv) the number of projects of the eli-  
14 gible entity in economically distressed  
15 areas.

16 (3) MAXIMUM AMOUNT.—The maximum  
17 amount of a grant under the prioritization process  
18 pilot program is \$2,000,000.

19 (d) APPLICATIONS.—To be eligible to participate in  
20 the prioritization process pilot program, an eligible entity  
21 shall submit to the Secretary an application at such time,  
22 in such manner, and containing such information as the  
23 Secretary may require.

1 **SEC. 1205. TRAVEL DEMAND DATA AND MODELING.**

2 (a) DEFINITION OF METROPOLITAN PLANNING OR-  
3 GANIZATION.—In this section, the term “metropolitan  
4 planning organization” has the meaning given the term  
5 in section 134(b) of title 23, United States Code.

6 (b) STUDY.—

7 (1) IN GENERAL.—Not later than 2 years after  
8 the date of enactment of this Act, and not less fre-  
9 quently than once every 5 years thereafter, the Sec-  
10 retary shall carry out a study that—

11 (A) gathers travel data and travel demand  
12 forecasts from a representative sample of States  
13 and metropolitan planning organizations;

14 (B) uses the data and forecasts gathered  
15 under subparagraph (A) to compare travel de-  
16 mand forecasts with the observed data, includ-  
17 ing—

18 (i) traffic counts;

19 (ii) travel mode share and public tran-  
20 sit ridership; and

21 (iii) vehicle occupancy measures; and

22 (C) uses the information described in sub-  
23 paragraphs (A) and (B)—

24 (i) to develop best practices or guid-  
25 ance for States and metropolitan planning  
26 organizations to use in forecasting travel

1 demand for future investments in transpor-  
2 tation improvements;

3 (ii) to evaluate the impact of trans-  
4 portation investments, including new road-  
5 way capacity, on travel behavior and travel  
6 demand, including public transportation  
7 ridership, induced highway travel, and con-  
8 gestion;

9 (iii) to support more accurate travel  
10 demand forecasting by States and metro-  
11 politan planning organizations; and

12 (iv) to enhance the capacity of States  
13 and metropolitan planning organizations—

14 (I) to forecast travel demand;  
15 and

16 (II) to track observed travel be-  
17 havior responses, including induced  
18 travel, to changes in transportation  
19 capacity, pricing, and land use pat-  
20 terns.

21 (2) SECRETARIAL SUPPORT.—The Secretary  
22 shall seek opportunities to support the transpor-  
23 tation planning processes under sections 134 and  
24 135 of title 23, United States Code, through the  
25 provision of data to States and metropolitan plan-

1       ning organizations to improve the quality of plans,  
2       models, and forecasts described in this subsection.

3           (3) EVALUATION TOOL.—The Secretary shall  
4       develop a publicly available multimodal web-based  
5       tool for the purpose of enabling States and metro-  
6       politan planning organizations to evaluate the effect  
7       of investments in highway and public transportation  
8       projects on the use and conditions of all transpor-  
9       tation assets within the State or area served by the  
10      metropolitan planning organization, as applicable.

11 **SEC. 1206. INCREASING SAFE AND ACCESSIBLE TRANSPOR-**  
12 **TATION OPTIONS.**

13       (a) DEFINITION OF COMPLETE STREETS STAND-  
14 ARDS OR POLICIES.—In this section, the term “Complete  
15 Streets standards or policies” means standards or policies  
16 that ensure the safe and adequate accommodation of all  
17 users of the transportation system, including pedestrians,  
18 bicyclists, public transportation users, children, older indi-  
19 viduals, individuals with disabilities, motorists, and freight  
20 vehicles.

21       (b) FUNDING REQUIREMENT.—Notwithstanding any  
22 other provision of law, each State and metropolitan plan-  
23 ning organization shall use to carry out 1 or more activi-  
24 ties described in subsection (c)—

1           (1) in the case of a State, not less than 2.5 per-  
2           cent of the amounts made available to the State to  
3           carry out section 505 of title 23, United States  
4           Code; and

5           (2) in the case of a metropolitan planning orga-  
6           nization, not less than 2.5 percent of the amounts  
7           made available to the metropolitan planning organi-  
8           zation under section 104(d) of title 23, United  
9           States Code.

10          (c) ACTIVITIES DESCRIBED.—An activity referred to  
11         in subsection (b) is an activity to increase safe and acces-  
12         sible options for multiple travel modes for people of all  
13         ages and abilities, which, if permissible under applicable  
14         State and local laws, may include—

15                 (1) adoption of Complete Streets standards or  
16                 policies;

17                 (2) development of a Complete Streets  
18                 prioritization plan that identifies a specific list of  
19                 Complete Streets projects to improve the safety, mo-  
20                 bility, or accessibility of a street;

21                 (3) development of transportation plans—

22                         (A) to create a network of active transpor-  
23                         tation facilities, including sidewalks, bikeways,  
24                         or pedestrian and bicycle trails, to connect  
25                         neighborhoods with destinations such as work-

1 places, schools, residences, businesses, recre-  
2 ation areas, healthcare and child care services,  
3 or other community activity centers;

4 (B) to integrate active transportation fa-  
5 cilities with public transportation service or im-  
6 prove access to public transportation;

7 (C) to create multiuse active transpor-  
8 tation infrastructure facilities, including bike-  
9 ways or pedestrian and bicycle trails, that make  
10 connections within or between communities;

11 (D) to increase public transportation rider-  
12 ship; and

13 (E) to improve the safety of bicyclists and  
14 pedestrians;

15 (4) regional and megaregional planning to ad-  
16 dress travel demand and capacity constraints  
17 through alternatives to new highway capacity, in-  
18 cluding through intercity passenger rail; and

19 (5) development of transportation plans and  
20 policies that support transit-oriented development.

21 (d) FEDERAL SHARE.—The Federal share of the cost  
22 of an activity carried out under this section shall be 80  
23 percent, unless the Secretary determines that the interests  
24 of the Federal-aid highway program would be best served  
25 by decreasing or eliminating the non-Federal share.

1 (e) STATE FLEXIBILITY.—A State or metropolitan  
 2 planning organization, with the approval of the Secretary,  
 3 may opt out of the requirements of this section if the State  
 4 or metropolitan planning organization demonstrates to the  
 5 Secretary, by not later than 30 days before the Secretary  
 6 apportions funds for a fiscal year under section 104, that  
 7 the State or metropolitan planning organization—

8 (1) has Complete Streets standards and policies  
 9 in place; and

10 (2) has developed an up-to-date Complete  
 11 Streets prioritization plan as described in subsection  
 12 (c)(2).

## 13 **Subtitle C—Project Delivery and** 14 **Process Improvement**

### 15 **SEC. 1301. CODIFICATION OF ONE FEDERAL DECISION.**

16 (a) IN GENERAL.—Section 139 of title 23, United  
 17 States Code, is amended—

18 (1) in the section heading, by striking “**deci-**  
 19 **sionmaking**” and inserting “**decisionmaking**  
 20 **and One Federal Decision**”;

21 (2) in subsection (a)—

22 (A) by redesignating paragraphs (2)  
 23 through (8) as paragraphs (4), (5), (6), (8),  
 24 (9), (10), and (11), respectively;

1 (B) by inserting after paragraph (1) the  
2 following:

3 “(2) AUTHORIZATION.—The term ‘authoriza-  
4 tion’ means any environmental license, permit, ap-  
5 proval, finding, or other administrative decision re-  
6 lated to the environmental review process that is re-  
7 quired under Federal law to site, construct, or re-  
8 construct a project.

9 “(3) ENVIRONMENTAL DOCUMENT.—The term  
10 ‘environmental document’ includes an environmental  
11 assessment, finding of no significant impact, notice  
12 of intent, environmental impact statement, or record  
13 of decision under the National Environmental Policy  
14 Act of 1969 (42 U.S.C. 4321 et seq.).”;

15 (C) in subparagraph (B) of paragraph (5)  
16 (as so redesignated), by striking “process for  
17 and completion of any environmental permit”  
18 and inserting “process and schedule, including  
19 a timetable for and completion of any environ-  
20 mental permit”; and

21 (D) by inserting after paragraph (6) (as so  
22 redesignated) the following:

23 “(7) MAJOR PROJECT.—

24 “(A) IN GENERAL.—The term ‘major  
25 project’ means a project for which—



1           “(i) multiple permits, approvals, re-  
2 views, or studies are required under a Fed-  
3 eral law other than the National Environ-  
4 mental Policy Act of 1969 (42 U.S.C.  
5 4321 et seq.);

6           “(ii) the project sponsor has identified  
7 the reasonable availability of funds suffi-  
8 cient to complete the project;

9           “(iii) the project is not a covered  
10 project (as defined in section 41001 of the  
11 FAST Act (42 U.S.C. 4370m)); and

12           “(iv)(I) the head of the lead agency  
13 has determined that an environmental im-  
14 pact statement is required; or

15           “(II) the head of the lead agency has  
16 determined that an environmental assess-  
17 ment is required, and the project sponsor  
18 requests that the project be treated as a  
19 major project.

20           “(B) CLARIFICATION.—In this section, the  
21 term ‘major project’ does not have the same  
22 meaning as the term ‘major project’ as de-  
23 scribed in section 106(h).”;

24           (3) in subsection (b)(1)—

1 (A) by inserting “, including major  
2 projects,” after “all projects”; and

3 (B) by inserting “as requested by a project  
4 sponsor and” after “applied,”;

5 (4) in subsection (c)—

6 (A) in paragraph (6)—

7 (i) in subparagraph (B), by striking  
8 “and” at the end;

9 (ii) in subparagraph (C), by striking  
10 the period at the end and inserting “;  
11 and”; and

12 (iii) by adding at the end the fol-  
13 lowing:

14 “(D) to calculate annually the average  
15 time taken by the lead agency to complete all  
16 environmental documents for each project dur-  
17 ing the previous fiscal year.”; and

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

19 “(7) PROCESS IMPROVEMENTS FOR  
20 PROJECTS.—

21 “(A) IN GENERAL.—The Secretary shall  
22 review—

23 “(i) existing practices, procedures,  
24 rules, regulations, and applicable laws to  
25 identify impediments to meeting the re-

1            requirements applicable to projects under  
2            this section; and

3            “(ii) best practices, programmatic  
4            agreements, and potential changes to inter-  
5            nal departmental procedures that would fa-  
6            cilitate an efficient environmental review  
7            process for projects.

8            “(B) CONSULTATION.—In conducting the  
9            review under subparagraph (A), the Secretary  
10           shall consult, as appropriate, with the heads of  
11           other Federal agencies that participate in the  
12           environmental review process.

13           “(C) REPORT.—Not later than 2 years  
14           after the date of enactment of the Surface  
15           Transportation Reauthorization Act of 2021,  
16           the Secretary shall submit to the Committee on  
17           Environment and Public Works of the Senate  
18           and the Committee on Transportation and In-  
19           frastructure of the House of Representatives a  
20           report that includes—

21           “(i) the results of the review under  
22           subparagraph (A); and

23           “(ii) an analysis of whether additional  
24           funding would help the Secretary meet the

1 requirements applicable to projects under  
2 this section.”;

3 (5) in subsection (d)—

4 (A) in paragraph (8)—

5 (i) in the paragraph heading, by strik-  
6 ing “NEPA” and inserting “ENVIRON-  
7 MENTAL”;

8 (ii) in subparagraph (A)—

9 (I) by inserting “and except as  
10 provided in subparagraph (D)” after  
11 “paragraph (7)”;

12 (II) by striking “permits” and in-  
13 serting “authorizations”; and

14 (III) by striking “single environ-  
15 ment document” and inserting “single  
16 environmental document for each kind  
17 of environmental document”;

18 (iii) in subparagraph (B)(i)—

19 (I) by striking “an environmental  
20 document” and inserting “environ-  
21 mental documents”; and

22 (II) by striking “permits issued”  
23 and inserting “authorizations”; and

24 (iv) by adding at the end the fol-  
25 lowing:

1           “(D) EXCEPTIONS.—The lead agency may  
2 waive the application of subparagraph (A) with  
3 respect to a project if—

4           “(i) the project sponsor requests that  
5 agencies issue separate environmental doc-  
6 uments;

7           “(ii) the obligations of a cooperating  
8 agency or participating agency under the  
9 National Environmental Policy Act of  
10 1969 (42 U.S.C. 4321 et seq.) have al-  
11 ready been satisfied with respect to the  
12 project; or

13           “(iii) the lead agency determines that  
14 reliance on a single environmental docu-  
15 ment (as described in subparagraph (A))  
16 would not facilitate timely completion of  
17 the environmental review process for the  
18 project.”; and

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

20           “(10) TIMELY AUTHORIZATIONS FOR MAJOR  
21 PROJECTS.—

22           “(A) DEADLINE.—Except as provided in  
23 subparagraph (C), all authorization decisions  
24 necessary for the construction of a major  
25 project shall be completed by not later than 90

1 days after the date of the issuance of a record  
2 of decision for the major project.

3 “(B) DETAIL.—The final environmental  
4 impact statement for a major project shall in-  
5 clude an adequate level of detail to inform deci-  
6 sions necessary for the role of the participating  
7 agencies and cooperating agencies in the envi-  
8 ronmental review process.

9 “(C) EXTENSION OF DEADLINE.—The  
10 head of the lead agency may extend the dead-  
11 line under subparagraph (A) if—

12 “(i) Federal law prohibits the lead  
13 agency or another agency from issuing an  
14 approval or permit within the period de-  
15 scribed in that subparagraph;

16 “(ii) the project sponsor requests that  
17 the permit or approval follow a different  
18 timeline; or

19 “(iii) an extension would facilitate  
20 completion of the environmental review and  
21 authorization process of the major  
22 project.”;

23 (6) in subsection (g)(1)—

24 (A) in subparagraph (B)—

1 (i) in clause (ii)(IV), by striking  
2 “schedule for and cost of” and inserting  
3 “time required by an agency to conduct an  
4 environmental review and make decisions  
5 under applicable Federal law relating to a  
6 project (including the issuance or denial of  
7 a permit or license) and the cost of”; and

8 (ii) by adding at the end the fol-  
9 lowing:

10 “(iii) MAJOR PROJECT SCHEDULE.—  
11 To the maximum extent practicable and  
12 consistent with applicable Federal law, in  
13 the case of a major project, the lead agen-  
14 cy shall develop, in concurrence with the  
15 project sponsor, a schedule for the major  
16 project that is consistent with an agency  
17 average of not more than 2 years for the  
18 completion of the environmental review  
19 process for major projects, as measured  
20 from, as applicable—

21 “(I) the date of publication of a  
22 notice of intent to prepare an environ-  
23 mental impact statement to the record  
24 of decision; or

1                   “(II) the date on which the head  
2                   of the lead agency determines that an  
3                   environmental assessment is required  
4                   to a finding of no significant impact.”;

5                   (B) by striking subparagraph (D) and in-  
6                   serting the following:

7                   “(D) MODIFICATION.—

8                   “(i) IN GENERAL.—Except as pro-  
9                   vided in clause (ii), the lead agency may  
10                  lengthen or shorten a schedule established  
11                  under subparagraph (B) for good cause.

12                  “(ii) EXCEPTIONS.—

13                  “(I) MAJOR PROJECTS.—In the  
14                  case of a major project, the lead agen-  
15                  cy may lengthen a schedule under  
16                  clause (i) for a cooperating Federal  
17                  agency by not more than 1 year after  
18                  the latest deadline established for the  
19                  major project by the lead agency.

20                  “(II) SHORTENED SCHED-  
21                  ULES.—The lead agency may not  
22                  shorten a schedule under clause (i) if  
23                  doing so would impair the ability of a  
24                  cooperating Federal agency to conduct  
25                  necessary analyses or otherwise carry



1 out relevant obligations of the Federal  
2 agency for the project.”;

3 (C) by redesignating subparagraph (E) as  
4 subparagraph (F); and

5 (D) by inserting after subparagraph (D)  
6 the following:

7 “(E) FAILURE TO MEET DEADLINE.—If a  
8 cooperating Federal agency fails to meet a  
9 deadline established under subparagraph  
10 (D)(ii)(I)—

11 “(i) the cooperating Federal agency  
12 shall submit to the Secretary a report that  
13 describes the reasons why the deadline was  
14 not met; and

15 “(ii) the Secretary shall—

16 “(I) transmit to the Committee  
17 on Environment and Public Works of  
18 the Senate and the Committee on  
19 Transportation and Infrastructure of  
20 the House of Representatives a copy  
21 of the report under clause (i); and

22 “(II) make the report under  
23 clause (i) publicly available on the  
24 internet.”;

1           (7) in subsection (n), by adding at the end the  
2 following:

3           “(3) LENGTH OF ENVIRONMENTAL DOCU-  
4 MENT.—

5           “(A) IN GENERAL.—Notwithstanding any  
6 other provision of law and except as provided in  
7 subparagraph (B), to the maximum extent  
8 practicable, the text of the items described in  
9 paragraphs (4) through (6) of section  
10 1502.10(a) of title 40, Code of Federal Regula-  
11 tions (or successor regulations), of an environ-  
12 mental impact statement for a project shall be  
13 200 pages or fewer.

14           “(B) EXEMPTION.—An environmental im-  
15 pact statement for a project may exceed 200  
16 pages, if the lead agency establishes a new page  
17 limit for the environmental impact statement  
18 for that project.”; and

19           (8) by adding at the end the following:

20           “(p) ACCOUNTABILITY AND REPORTING FOR MAJOR  
21 PROJECTS.—

22           “(1) IN GENERAL.—The Secretary shall estab-  
23 lish a performance accountability system to track  
24 each major project.

1           “(2) REQUIREMENTS.—The performance ac-  
2           countability system under paragraph (1) shall, for  
3           each major project, track, at a minimum—

4                   “(A) the environmental review process for  
5           the major project, including the project sched-  
6           ule;

7                   “(B) whether the lead agency, cooperating  
8           agencies, and participating agencies are meet-  
9           ing the schedule established for the environ-  
10          mental review process; and

11                   “(C) the time taken to complete the envi-  
12          ronmental review process.

13          “(q) DEVELOPMENT OF CATEGORICAL EXCLU-  
14          SIONS.—

15           “(1) IN GENERAL.—Not later than 60 days  
16          after the date of enactment of this subsection, and  
17          every 4 years thereafter, the Secretary shall—

18                   “(A) in consultation with the agencies de-  
19          scribed in paragraph (2), identify the categor-  
20          ical exclusions described in section 771.117 of  
21          title 23, Code of Federal Regulations (or suc-  
22          cessor regulations), that would accelerate deliv-  
23          ery of a project if those categorical exclusions  
24          were available to those agencies;

1           “(B) collect existing documentation and  
2 substantiating information on the categorical  
3 exclusions described in subparagraph (A); and

4           “(C) provide to each agency described in  
5 paragraph (2)—

6           “(i) a list of the categorical exclusions  
7 identified under subparagraph (A); and

8           “(ii) the documentation and substan-  
9 tiating information under subparagraph  
10 (B).

11           “(2) AGENCIES DESCRIBED.—The agencies re-  
12 ferred to in paragraph (1) are—

13           “(A) the Department of the Interior;

14           “(B) the Department of the Army;

15           “(C) the Department of Commerce;

16           “(D) the Department of Agriculture;

17           “(E) the Department of Energy;

18           “(F) the Department of Defense; and

19           “(G) any other Federal agency that has  
20 participated in an environmental review process  
21 for a project, as determined by the Secretary.

22           “(3) ADOPTION OF CATEGORICAL EXCLU-  
23 SIONS.—

24           “(A) IN GENERAL.—Not later than 1 year  
25 after the date on which the Secretary provides

1 a list under paragraph (1)(C), an agency de-  
2 scribed in paragraph (2) shall publish a notice  
3 of proposed rulemaking to propose any categor-  
4 ical exclusions from the list applicable to the  
5 agency, subject to the condition that the cat-  
6 egorical exclusion identified under paragraph  
7 (1)(A) meets the criteria for a categorical exclu-  
8 sion under section 1508.1 of title 40, Code of  
9 Federal Regulations (or successor regulations).

10 “(B) PUBLIC COMMENT.—In a notice of  
11 proposed rulemaking under subparagraph (A),  
12 the applicable agency may solicit comments on  
13 whether any of the proposed new categorical ex-  
14 clusions meet the criteria for a categorical ex-  
15 clusion under section 1508.1 of title 40, Code  
16 of Federal Regulations (or successor regula-  
17 tions).”.

18 (b) CLERICAL AMENDMENT.—The analysis for chap-  
19 ter 1 of title 23, United States Code, is amended by strik-  
20 ing the item relating to section 139 and inserting the fol-  
21 lowing:

“139. Efficient environmental reviews for project decisionmaking and One Fed-  
eral Decision.”.

22 **SEC. 1302. WORK ZONE PROCESS REVIEWS.**

23 The Secretary shall amend section 630.1008(e) of  
24 title 23, Code of Federal Regulations, to ensure that the

1 work zone process review under that subsection is required  
2 not more frequently than once every 5 years.

3 **SEC. 1303. TRANSPORTATION MANAGEMENT PLANS.**

4 (a) IN GENERAL.—The Secretary shall amend sec-  
5 tion 630.1010(e) of title 23, Code of Federal Regulations,  
6 to ensure that only a project described in that subsection  
7 with a lane closure for 3 or more consecutive days shall  
8 be considered to be a significant project for purposes of  
9 that section.

10 (b) NON-INTERSTATE PROJECTS.—Notwithstanding  
11 any other provision of law, a State shall not be required  
12 to develop or implement a transportation management  
13 plan (as described in section 630.1012 of title 23, Code  
14 of Federal Regulations (or successor regulations)) for a  
15 highway project not on the Interstate System if the project  
16 requires not more than 3 consecutive days of lane closures.

17 **SEC. 1304. INTELLIGENT TRANSPORTATION SYSTEMS.**

18 (a) IN GENERAL.—The Secretary shall develop guid-  
19 ance for using existing flexibilities with respect to the sys-  
20 tems engineering analysis described in part 940 of title  
21 23, Code of Federal Regulations (or successor regula-  
22 tions).

23 (b) IMPLEMENTATION.—The Secretary shall ensure  
24 that any guidance developed under subsection (a)—

1           (1) clearly identifies criteria for low-risk and ex-  
2       empt intelligent transportation systems projects,  
3       with a goal of minimizing unnecessary delay or pa-  
4       perwork burden;

5           (2) is consistently implemented by the Depart-  
6       ment nationwide; and

7           (3) is disseminated to Federal-aid recipients.

8       (c) SAVINGS PROVISION.—Nothing in this section  
9       prevents the Secretary from amending part 940 of title  
10      23, Code of Federal Regulations (or successor regula-  
11      tions), to reduce State administrative burdens.

12      **SEC. 1305. ALTERNATIVE CONTRACTING METHODS.**

13      (a) ALTERNATIVE CONTRACTING METHODS FOR  
14      FEDERAL LAND MANAGEMENT AGENCIES AND TRIBAL  
15      GOVERNMENTS.—Section 201 of title 23, United States  
16      Code, is amended by adding at the end the following:

17           “(f) ALTERNATIVE CONTRACTING METHODS.—

18           “(1) IN GENERAL.—Notwithstanding any other  
19      provision of law (including the Federal Acquisition  
20      Regulation), a contracting method available to a  
21      State under this title may be used by the Secretary,  
22      on behalf of—

23           “(A) a Federal land management agency,  
24           in using any funds pursuant to section 203,  
25           204, or 308;

1           “(B) a Federal land management agency,  
2           in using any funds pursuant to section 1535 of  
3           title 31 for any of the eligible uses described in  
4           sections 203(a)(1) and 204(a)(1) and para-  
5           graphs (1) and (2) of section 308(a); or

6           “(C) a Tribal government, in using funds  
7           pursuant to section 202(b)(7)(D).

8           “(2) METHODS DESCRIBED.—The contracting  
9           methods referred to in paragraph (1) shall include,  
10          at a minimum—

11           “(A) project bundling;

12           “(B) bridge bundling;

13           “(C) design-build contracting;

14           “(D) 2-phase contracting;

15           “(E) long-term concession agreements; and

16           “(F) any method tested, or that could be  
17           tested, under an experimental program relating  
18           to contracting methods carried out by the Sec-  
19           retary.

20          “(3) EFFECT.—Nothing in this subsection—

21           “(A) affects the application of the Federal  
22           share for the project carried out with a con-  
23           tracting method under this subsection; or

24           “(B) modifies the point of obligation of  
25           Federal salaries and expenses.”.



1 (b) COOPERATION WITH FEDERAL AND STATE  
2 AGENCIES AND FOREIGN COUNTRIES.—Section 308(a) of  
3 title 23, United States Code, is amended by adding at the  
4 end the following:

5 “(4) ALTERNATIVE CONTRACTING METHODS.—

6 “(A) IN GENERAL.—Notwithstanding any  
7 other provision of law (including the Federal  
8 Acquisition Regulation), in performing services  
9 under paragraph (1), the Secretary may use  
10 any contracting method available to a State  
11 under this title.

12 “(B) METHODS DESCRIBED.—The con-  
13 tracting methods referred to in subparagraph  
14 (A) shall include, at a minimum—

15 “(i) project bundling;

16 “(ii) bridge bundling;

17 “(iii) design-build contracting;

18 “(iv) 2-phase contracting;

19 “(v) long-term concession agreements;

20 and

21 “(vi) any method tested, or that could  
22 be tested, under an experimental program  
23 relating to contracting methods carried out  
24 by the Secretary.”.

1 (c) USE OF ALTERNATIVE CONTRACTING METH-  
2 ODS.—In carrying out an alternative contracting method  
3 under section 201(f) or 308(a)(4) of title 23, United  
4 States Code, the Secretary shall—

5 (1) in consultation with the applicable Federal  
6 land management agencies, establish clear proce-  
7 dures that are—

8 (A) applicable to the alternative con-  
9 tracting method; and

10 (B) to the maximum extent practicable,  
11 consistent with the requirements applicable to  
12 Federal procurement transactions;

13 (2) solicit input on the use of the alternative  
14 contracting method from the affected industry prior  
15 to using the method; and

16 (3) analyze and prepare an evaluation of the  
17 use of the alternative contracting method.

18 **SEC. 1306. FLEXIBILITY FOR PROJECTS.**

19 Section 1420 of the FAST Act (23 U.S.C. 101 note;  
20 Public Law 114–94) is amended—

21 (1) in subsection (a), by striking “and on re-  
22 quest by a State, the Secretary may” in the matter  
23 preceding paragraph (1) and all that follows through  
24 the period at the end of paragraph (2) and inserting  
25 the following: “, on request by a State, and if in the

1 public interest (as determined by the Secretary), the  
2 Secretary shall exercise all existing flexibilities  
3 under—

4 “(1) the requirements of title 23, United States  
5 Code; and

6 “(2) other requirements administered by the  
7 Secretary, in whole or in part.”; and

8 (2) in subsection (b)(2)(A), by inserting “(in-  
9 cluding regulations)” after “environmental law”.

10 **SEC. 1307. IMPROVED FEDERAL-STATE STEWARDSHIP AND**  
11 **OVERSIGHT AGREEMENTS.**

12 (a) **DEFINITION OF TEMPLATE.**—In this section, the  
13 term “template” means a template created by the Sec-  
14 retary for Federal-State stewardship and oversight agree-  
15 ments that—

16 (1) includes all standard terms found in stew-  
17 ardship and oversight agreements, including any  
18 terms in an attachment to the agreement;

19 (2) is developed in accordance with section 106  
20 of title 23, United States Code, or any other applica-  
21 ble authority; and

22 (3) may be developed with consideration of rel-  
23 evant regulations, guidance, or policies.

24 (b) **REQUEST FOR COMMENT.**—

1           (1) IN GENERAL.—Not later than 60 days after  
2 the date of enactment of this Act, the Secretary  
3 shall publish in the Federal Register the template  
4 and a notice requesting public comment on ways to  
5 improve the template.

6           (2) COMMENT PERIOD.—The Secretary shall  
7 provide a period of not less than 60 days for public  
8 comment on the notice under paragraph (1).

9           (3) CERTAIN ISSUES.—The notice under para-  
10 graph (1) shall allow comment on any aspect of the  
11 template and shall specifically request public com-  
12 ment on—

13           (A) whether the template should be revised  
14 to delete standard terms requiring approval by  
15 the Secretary of the policies, procedures, proc-  
16 esses, or manuals of the States, or other State  
17 actions, if Federal law (including regulations)  
18 does not specifically require an approval;

19           (B) opportunities to modify the template to  
20 allow adjustments to the review schedules for  
21 State practices or actions, including through  
22 risk-based approaches, program reviews, process  
23 reviews, or other means; and

24           (C) any other matters that the Secretary  
25 determines to be appropriate.

1 (c) NOTICE OF ACTION; UPDATES.—

2 (1) IN GENERAL.—Not later than 1 year after  
3 the date of enactment of this Act, after considering  
4 the comments received in response to the Federal  
5 Register notice under subsection (b), the Secretary  
6 shall publish in the Federal Register a notice that—

7 (A) describes any proposed changes to be  
8 made, and any alternatives to such changes, to  
9 the template;

10 (B) addresses comments in response to  
11 which changes were not made to the template;  
12 and

13 (C) prescribes a schedule and a plan to  
14 execute a process for implementing the changes  
15 referred to in subparagraph (A).

16 (2) APPROVAL REQUIREMENTS.—In addressing  
17 comments under paragraph (1)(B), the Secretary  
18 shall include an explanation of the basis for retain-  
19 ing any requirement for approval of State policies,  
20 procedures, processes, or manuals, or other State ac-  
21 tions, if Federal law (including regulations) does not  
22 specifically require the approval.

23 (3) IMPLEMENTATION.—

24 (A) IN GENERAL.—Not later than 60 days  
25 after the date on which the notice under para-

1 graph (1) is published, the Secretary shall make  
2 changes to the template in accordance with—

3 (i) the changes described in the notice  
4 under paragraph (1)(A); and

5 (ii) the schedule and plan described in  
6 the notice under paragraph (1)(C).

7 (B) UPDATES.—Not later than 1 year  
8 after the date on which the revised template  
9 under subparagraph (A) is published, the Sec-  
10 retary shall update existing agreements with  
11 States according to the template updated under  
12 subparagraph (A).

13 (d) INCLUSION OF NON-STANDARD TERMS.—Noth-  
14 ing in this section precludes the inclusion in a Federal-  
15 State stewardship and oversight agreement of non-stand-  
16 ard terms to address a State-specific matter, including  
17 risk-based stewardship and Department oversight involve-  
18 ment in individual projects of division interest.

19 (e) COMPLIANCE WITH NON-STATUTORY TERMS.—

20 (1) IN GENERAL.—The Secretary shall not en-  
21 force or otherwise require a State to comply with ap-  
22 proval requirements that are not required by Federal  
23 law (including regulations) in a Federal-State stew-  
24 ardship and oversight agreement.

1           (2) APPROVAL AUTHORITY.—Notwithstanding  
2 any other provision of law, the Secretary shall not  
3 assert approval authority over any matter in a Fed-  
4 eral-State stewardship and oversight agreement re-  
5 served to States.

6           (f) FREQUENCY OF REVIEWS.—Section 106(g)(3) of  
7 title 23, United States Code, is amended—

8           (1) by striking “annual”;

9           (2) by striking “The Secretary” and inserting  
10 the following:

11           “(A) IN GENERAL.—The Secretary”; and

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

13           “(B) FREQUENCY.—

14           “(i) IN GENERAL.—Except as pro-  
15 vided in clauses (ii) and (iii), the Secretary  
16 shall carry out a review under subpara-  
17 graph (A) not less frequently than once  
18 every 2 years.

19           “(ii) CONSULTATION WITH STATE.—

20           The Secretary, after consultation with a  
21 State, may make a determination to carry  
22 out a review under subparagraph (A) for  
23 that State less frequently than provided  
24 under clause (i).

1                   “(iii) CAUSE.—If the Secretary deter-  
2                   mines that there is a specific reason to re-  
3                   quire a review more frequently than pro-  
4                   vided under clause (i) with respect to a  
5                   State, the Secretary may carry out a re-  
6                   view more frequently than provided under  
7                   that clause.”.

8 **SEC. 1308. GEOMATIC DATA.**

9           (a) IN GENERAL.—The Secretary shall develop guid-  
10          ance for the acceptance and use of information obtained  
11          from a non-Federal entity through geomatic techniques,  
12          including remote sensing and land surveying, cartography,  
13          geographic information systems, global navigation satellite  
14          systems, photogrammetry, or other remote means.

15          (b) CONSIDERATIONS.—In carrying out this section,  
16          the Secretary shall ensure that acceptance or use of infor-  
17          mation described in subsection (a) meets the data quality  
18          and operational requirements of the Secretary.

19          (c) PUBLIC COMMENT.—Before issuing any final  
20          guidance under subsection (a), the Secretary shall provide  
21          to the public—

22                  (1) notice of the proposed guidance; and

23                  (2) an opportunity to comment on the proposed  
24          guidance.

25          (d) SAVINGS CLAUSE.—Nothing in this section—



1 (1) requires the Secretary to accept or use in-  
 2 formation that the Secretary determines does not  
 3 meet the guidance developed under this section; or

4 (2) changes the current statutory or regulatory  
 5 requirements of the Department.

6 **SEC. 1309. EVALUATION OF PROJECTS WITHIN AN OPER-**  
 7 **ATIONAL RIGHT-OF-WAY.**

8 (a) IN GENERAL.—Chapter 3 of title 23, United  
 9 States Code, is amended by adding at the end the fol-  
 10 lowing:

11 **“§ 331. Evaluation of projects within an operational**  
 12 **right-of-way**

13 “(a) DEFINITIONS.—

14 “(1) ELIGIBLE PROJECT OR ACTIVITY.—

15 “(A) IN GENERAL.—In this section, the  
 16 term ‘eligible project or activity’ means a  
 17 project or activity within an existing operational  
 18 right-of-way (as defined in section  
 19 771.117(c)(22) of title 23, Code of Federal  
 20 Regulations (or successor regulations))—

21 “(i)(I) eligible for assistance under  
 22 this title; or

23 “(II) administered as if made avail-  
 24 able under this title;

25 “(ii) that is—

1           “(I) a preventive maintenance,  
2           preservation, or highway safety im-  
3           provement project (as defined in sec-  
4           tion 148(a)); or

5           “(II) a new turn lane that the  
6           State advises in writing to the Sec-  
7           retary would assist public safety; and  
8           “(iii) that—

9           “(I) is classified as a categorical  
10          exclusion under section 771.117 of  
11          title 23, Code of Federal Regulations  
12          (or successor regulations); or

13          “(II) if the project or activity  
14          does not receive assistance described  
15          in clause (i) would be considered a  
16          categorical exclusion if the project or  
17          activity received assistance described  
18          in clause (i).

19          “(B) EXCLUSION.—The term ‘eligible  
20          project or activity’ does not include a project to  
21          create a new travel lane.

22          “(2) PRELIMINARY EVALUATION.—The term  
23          ‘preliminary evaluation’, with respect to an applica-  
24          tion described in subsection (b)(1), means an evalua-  
25          tion that is customary or practicable for the relevant

1 agency to complete within a 45-day period for simi-  
2 lar applications.

3 “(3) RELEVANT AGENCY.—The term ‘relevant  
4 agency’ means a Federal agency, other than the  
5 Federal Highway Administration, with responsibility  
6 for review of an application from a State for a per-  
7 mit, approval, or jurisdictional determination for an  
8 eligible project or activity.

9 “(b) ACTION REQUIRED.—

10 “(1) IN GENERAL.—Subject to paragraph (2),  
11 not later than 45 days after the date of receipt of  
12 an application by a State for a permit, approval, or  
13 jurisdictional determination for an eligible project or  
14 activity, the head of the relevant agency shall—

15 “(A) make at least a preliminary evalua-  
16 tion of the application; and

17 “(B) notify the State of the results of the  
18 preliminary evaluation under subparagraph (A).

19 “(2) EXTENSION.—The head of the relevant  
20 agency may extend the review period under para-  
21 graph (1) by not more than 30 days if the head of  
22 the relevant agency provides to the State written no-  
23 tice that includes an explanation of the need for the  
24 extension.

1           “(3) FAILURE TO ACT.—If the head of the rel-  
 2           evant agency fails to meet a deadline under para-  
 3           graph (1) or (2), as applicable, the head of the rel-  
 4           evant agency shall—

5                   “(A) not later than 30 days after the date  
 6                   of the missed deadline, submit to the State, the  
 7                   Committee on Environment and Public Works  
 8                   of the Senate, and the Committee on Transpor-  
 9                   tation and Infrastructure of the House of Rep-  
 10                  resentatives a report that describes why the  
 11                  deadline was missed; and

12                   “(B) not later than 14 days after the date  
 13                   on which a report is submitted under subpara-  
 14                   graph (A), make publicly available, including on  
 15                   the internet, a copy of that report.”.

16           (b) CLERICAL AMENDMENT.—The analysis for chap-  
 17           ter 3 of title 23, United States Code, is amended by add-  
 18           ing at the end the following:

“331. Evaluation of projects within an operational right-of-way.”.

19   **SEC. 1310. PRELIMINARY ENGINEERING.**

20           (a) IN GENERAL.—Section 102 of title 23, United  
 21           States Code, is amended—

22                   (1) by striking subsection (b); and

23                   (2) in subsection (a), in the second sentence, by  
 24                   striking “Nothing in this subsection” and inserting  
 25                   the following:

1 “(b) SAVINGS PROVISION.—Nothing in this section”.

2 (b) CONFORMING AMENDMENT.—Section 144(j) of  
3 title 23, United States Code, is amended by striking para-  
4 graph (6).

5 **SEC. 1311. EFFICIENT IMPLEMENTATION OF NEPA FOR**  
6 **FEDERAL LAND MANAGEMENT PROJECTS.**

7 Section 203 of title 23, United States Code, is  
8 amended by adding at the end the following:

9 “(e) EFFICIENT IMPLEMENTATION OF NEPA.—

10 “(1) DEFINITIONS.—In this subsection:

11 “(A) ENVIRONMENTAL DOCUMENT.—The  
12 term ‘environmental document’ means an envi-  
13 ronmental impact statement, environmental as-  
14 sessment, categorical exclusion, or other docu-  
15 ment prepared under the National Environ-  
16 mental Policy Act of 1969 (42 U.S.C. 4321 et  
17 seq.).

18 “(B) PROJECT.—The term ‘project’ means  
19 a highway project, public transportation capital  
20 project, or multimodal project that—

21 “(i) receives funds under this title;

22 and

23 “(ii) is authorized under this section  
24 or section 204.

1           “(C) PROJECT SPONSOR.—The term  
2           ‘project sponsor’ means the Federal land man-  
3           agement agency that seeks or receives funds  
4           under this title for a project.

5           “(2) ENVIRONMENTAL REVIEW TO BE COM-  
6           PLETED BY FEDERAL HIGHWAY ADMINISTRATION.—  
7           The Federal Highway Administration may prepare  
8           an environmental document pursuant to the imple-  
9           menting procedures of the Federal Highway Admin-  
10          istration to comply with the requirements of the Na-  
11          tional Environmental Policy Act of 1969 (42 U.S.C.  
12          4321 et seq.) if—

13                   “(A) requested by a project sponsor; and

14                   “(B) all areas of analysis required by the  
15                   project sponsor can be addressed.

16          “(3) FEDERAL LAND MANAGEMENT AGENCIES  
17          ADOPTION OF EXISTING ENVIRONMENTAL REVIEW  
18          DOCUMENTS.—

19                   “(A) IN GENERAL.—To the maximum ex-  
20                   tent practicable, if the Federal Highway Admin-  
21                   istration prepares an environmental document  
22                   pursuant to paragraph (2), that environmental  
23                   document shall address all areas of analysis re-  
24                   quired by a Federal land management agency.

1           “(B) INDEPENDENT EVALUATION.—Not-  
2           withstanding any other provision of law, a Fed-  
3           eral land management agency shall not be re-  
4           quired to conduct an independent evaluation to  
5           determine the adequacy of an environmental  
6           document prepared by the Federal Highway  
7           Administration pursuant to paragraph (2).

8           “(C) USE OF SAME DOCUMENT.—In au-  
9           thorizing or implementing a project, a Federal  
10          land management agency may use an environ-  
11          mental document previously prepared by the  
12          Federal Highway Administration for a project  
13          addressing the same or substantially the same  
14          action to the same extent that the Federal land  
15          management agency could adopt or use a docu-  
16          ment previously prepared by another Federal  
17          agency.

18          “(4) APPLICATION BY FEDERAL LAND MANAGE-  
19          MENT AGENCIES OF CATEGORICAL EXCLUSIONS ES-  
20          TABLISHED BY FEDERAL HIGHWAY ADMINISTRA-  
21          TION.—In carrying out requirements under the Na-  
22          tional Environmental Policy Act of 1969 (42 U.S.C.  
23          4321 et seq.) for a project, the project sponsor may  
24          use categorical exclusions designated under that Act  
25          in the implementing regulations of the Federal

1 Highway Administration, subject to the conditions  
2 that—

3 “(A) the project sponsor makes a deter-  
4 mination, in consultation with the Federal  
5 Highway Administration, that the categorical  
6 exclusion applies to the project;

7 “(B) the project satisfies the conditions for  
8 a categorical exclusion under the National Envi-  
9 ronmental Policy Act of 1969 (42 U.S.C. 4321  
10 et seq.); and

11 “(C) the use of the categorical exclusion  
12 does not otherwise conflict with the imple-  
13 menting regulations of the project sponsor, ex-  
14 cept any list of the project sponsor that des-  
15 ignates categorical exclusions.

16 “(5) MITIGATION COMMITMENTS.—The Sec-  
17 retary shall assist the Federal land management  
18 agency with all design and mitigation commitments  
19 made jointly by the Secretary and the project spon-  
20 sor in any environmental document prepared by the  
21 Secretary in accordance with this subsection.”.



1 **SEC. 1312. NATIONAL ENVIRONMENTAL POLICY ACT OF**  
2 **1969 REPORTING PROGRAM.**

3 (a) IN GENERAL.—Chapter 1 of title 23, United  
4 States Code, is amended by inserting after section 156 the  
5 following:

6 **“§ 157. National Environmental Policy Act of 1969 re-**  
7 **porting program**

8 “(a) DEFINITIONS.—In this section:

9 “(1) CATEGORICAL EXCLUSION.—The term  
10 ‘categorical exclusion’ has the meaning given the  
11 term in section 771.117(c) of title 23, Code of Fed-  
12 eral Regulations (or a successor regulation).

13 “(2) DOCUMENTED CATEGORICAL EXCLU-  
14 SION.—The term ‘documented categorical exclusion’  
15 has the meaning given the term in section  
16 771.117(d) of title 23, Code of Federal Regulations  
17 (or a successor regulation).

18 “(3) ENVIRONMENTAL ASSESSMENT.—The  
19 term ‘environmental assessment’ has the meaning  
20 given the term in section 1508.1 of title 40, Code of  
21 Federal Regulations (or a successor regulation).

22 “(4) ENVIRONMENTAL IMPACT STATEMENT.—  
23 The term ‘environmental impact statement’ means a  
24 detailed statement required under section 102(2)(C)  
25 of the National Environmental Policy Act of 1969  
26 (42 U.S.C. 4332(2)(C)).

1           “(5) FEDERAL AGENCY.—The term ‘Federal  
2 agency’ includes a State that has assumed responsi-  
3 bility under section 327.

4           “(6) NEPA PROCESS.—The term ‘NEPA proc-  
5 ess’ means the entirety of the development and docu-  
6 mentation of the analysis required under the Na-  
7 tional Environmental Policy Act of 1969 (42 U.S.C.  
8 4321 et seq.), including the assessment and analysis  
9 of any impacts, alternatives, and mitigation of a pro-  
10 posed action, and any interagency participation and  
11 public involvement required to be carried out before  
12 the Secretary undertakes a proposed action.

13           “(7) PROPOSED ACTION.—The term ‘proposed  
14 action’ means an action (within the meaning of the  
15 National Environmental Policy Act of 1969 (42  
16 U.S.C. 4321 et seq.)) under this title that the Sec-  
17 retary proposes to carry out.

18           “(8) REPORTING PERIOD.—The term ‘reporting  
19 period’ means the fiscal year prior to the fiscal year  
20 in which a report is issued under subsection (b).

21           “(9) SECRETARY.—The term ‘Secretary’ in-  
22 cludes the governor or head of an applicable State  
23 agency of a State that has assumed responsibility  
24 under section 327.

25           “(b) REPORT ON NEPA DATA.—

1           “(1) IN GENERAL.—The Secretary shall carry  
2 out a process to track, and annually submit to the  
3 Committee on Environment and Public Works of the  
4 Senate and the Committee on Transportation and  
5 Infrastructure of the House of Representatives a re-  
6 port containing, the information described in para-  
7 graph (3).

8           “(2) TIME TO COMPLETE.—For purposes of  
9 paragraph (3), the NEPA process—

10           “(A) for an environmental impact state-  
11 ment—

12           “(i) begins on the date on which the  
13 Notice of Intent is published in the Fed-  
14 eral Register; and

15           “(ii) ends on the date on which the  
16 Secretary issues a record of decision, in-  
17 cluding, if necessary, a revised record of  
18 decision; and

19           “(B) for an environmental assessment—

20           “(i) begins on the date on which the  
21 Secretary makes a determination to pre-  
22 pare an environmental assessment; and

23           “(ii) ends on the date on which the  
24 Secretary issues a finding of no significant  
25 impact or determines that preparation of

1           an environmental impact statement is nec-  
2           essary.

3           “(3) INFORMATION DESCRIBED.—The informa-  
4           tion referred to in paragraph (1) is, with respect to  
5           the Department of Transportation—

6           “(A) the number of proposed actions for  
7           which a categorical exclusion was issued during  
8           the reporting period;

9           “(B) the number of proposed actions for  
10          which a documented categorical exclusion was  
11          issued by the Department of Transportation  
12          during the reporting period;

13          “(C) the number of proposed actions pend-  
14          ing on the date on which the report is sub-  
15          mitted for which the issuance of a documented  
16          categorical exclusion by the Department of  
17          Transportation is pending;

18          “(D) the number of proposed actions for  
19          which an environmental assessment was issued  
20          by the Department of Transportation during  
21          the reporting period;

22          “(E) the length of time the Department of  
23          Transportation took to complete each environ-  
24          mental assessment described in subparagraph  
25          (D);

1           “(F) the number of proposed actions pend-  
2           ing on the date on which the report is sub-  
3           mitted for which an environmental assessment  
4           is being drafted by the Department of Trans-  
5           portation;

6           “(G) the number of proposed actions for  
7           which an environmental impact statement was  
8           completed by the Department of Transportation  
9           during the reporting period;

10           “(H) the length of time that the Depart-  
11           ment of Transportation took to complete each  
12           environmental impact statement described in  
13           subparagraph (G);

14           “(I) the number of proposed actions pend-  
15           ing on the date on which the report is sub-  
16           mitted for which an environmental impact  
17           statement is being drafted; and

18           “(J) for the proposed actions reported  
19           under subparagraphs (F) and (I), the percent-  
20           age of those proposed actions for which—

21                   “(i) funding has been identified; and

22                   “(ii) all other Federal, State, and  
23                   local activities that are required to allow  
24                   the proposed action to proceed are com-  
25                   pleted.”.

1 (b) CLERICAL AMENDMENT.—The analysis for chap-  
 2 ter 1 of title 23, United States Code, is amended by insert-  
 3 ing after the item relating to section 156 the following:

“157. National Environmental Policy Act of 1969 reporting program.”.

4 **SEC. 1313. SURFACE TRANSPORTATION PROJECT DELIV-**  
 5 **ERY PROGRAM WRITTEN AGREEMENTS.**

6 Section 327 of title 23, United States Code, is  
 7 amended—

8 (1) in subsection (a)(2)(G), by inserting “, in-  
 9 cluding the payment of fees awarded under section  
 10 2412 of title 28” before the period at the end;

11 (2) in subsection (c)—

12 (A) by striking paragraph (5) and insert-  
 13 ing the following:

14 “(5) except as provided under paragraph (7),  
 15 have a term of not more than 5 years;”;

16 (B) in paragraph (6), by striking the pe-  
 17 riod at the end and inserting “; and”; and

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

19 “(7) for any State that has participated in a  
 20 program under this section (or under a predecessor  
 21 program) for at least 10 years, have a term of 10  
 22 years.”;

23 (3) in subsection (g)(1)—

24 (A) in subparagraph (B), by striking  
 25 “and” at the end;

1 (B) in subparagraph (C), by striking “an-  
2 nual”;

3 (C) by redesignating subparagraph (C) as  
4 subparagraph (D); and

5 (D) by inserting after subparagraph (B)  
6 the following:

7 “(C) in the case of an agreement period of  
8 greater than 5 years pursuant to subsection  
9 (c)(7), conduct an audit covering the first 5  
10 years of the agreement period; and”;

11 (4) by adding at the end the following:

12 “(m) AGENCY DEEMED TO BE FEDERAL AGENCY.—  
13 A State agency that is assigned a responsibility under an  
14 agreement under this section shall be deemed to be an  
15 agency for the purposes of section 2412 of title 28.”.

16 **SEC. 1314. STATE ASSUMPTION OF RESPONSIBILITY FOR**  
17 **CATEGORICAL EXCLUSIONS.**

18 Section 326(c)(3) of title 23, United States Code, is  
19 amended—

20 (1) by striking subparagraph (A) and inserting  
21 the following:

22 “(A) except as provided under subpara-  
23 graph (C), shall have a term of not more than  
24 3 years;”;

1           (2) in subparagraph (B), by striking the period  
2           at the end and inserting “; and”; and

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

4                   “(C) shall have a term of 5 years, in the  
5           case of a State that has assumed the responsi-  
6           bility for categorical exclusions under this sec-  
7           tion for not fewer than 10 years.”.

8   **SEC. 1315. EARLY UTILITY RELOCATION PRIOR TO TRANS-**  
9                   **PORTATION PROJECT ENVIRONMENTAL RE-**  
10                   **VIEW.**

11       Section 123 of title 23, United States Code, is  
12   amended to read as follows:

13   **“§ 123. Relocation of utility facilities**

14       “(a) DEFINITIONS.—In this section:

15           “(1) COST OF RELOCATION.—The term ‘cost of  
16       relocation’ includes the entire amount paid by a util-  
17       ity properly attributable to the relocation of a utility  
18       facility, minus any increase in the value of the new  
19       facility and any salvage value derived from the old  
20       facility.

21           “(2) EARLY UTILITY RELOCATION PROJECT.—  
22       The term ‘early utility relocation project’ means util-  
23       ity relocation activities identified by the State for  
24       performance before completion of the environmental  
25       review process for the transportation project.



1           “(3) ENVIRONMENTAL REVIEW PROCESS.—The  
2 term ‘environmental review process’ has the meaning  
3 given the term in section 139(a).

4           “(4) TRANSPORTATION PROJECT.—The term  
5 ‘transportation project’ means a project.

6           “(5) UTILITY FACILITY.—The term ‘utility fa-  
7 cility’ means any privately, publicly, or cooperatively  
8 owned line, facility, or system for producing, trans-  
9 mitting, or distributing communications, power, elec-  
10 tricity, light, heat, gas, oil, crude products, water,  
11 steam, waste, stormwater not connected with high-  
12 way drainage, or any other similar commodity, in-  
13 cluding any fire or police signal system or street  
14 lighting system, that directly or indirectly serves the  
15 public.

16           “(6) UTILITY RELOCATION ACTIVITY.—The  
17 term ‘utility relocation activity’ means an activity  
18 necessary for the relocation of a utility facility, in-  
19 cluding preliminary and final design, surveys, real  
20 property acquisition, materials acquisition, and con-  
21 struction.

22           “(b) REIMBURSEMENT TO STATES.—

23           “(1) IN GENERAL.—If a State pays for the cost  
24 of relocation of a utility facility necessitated by the  
25 construction of a transportation project, Federal

1 funds may be used to reimburse the State for the  
2 cost of relocation in the same proportion as Federal  
3 funds are expended on the transportation project.

4 “(2) LIMITATION.—Federal funds shall not be  
5 used to reimburse a State under this section if the  
6 payment to the utility—

7 “(A) violates the law of the State; or

8 “(B) violates a legal contract between the  
9 utility and the State.

10 “(3) REQUIREMENT.—A reimbursement under  
11 paragraph (1) shall be made only if the State dem-  
12 onstrates to the satisfaction of the Secretary that  
13 the State paid the cost of the utility relocation activ-  
14 ity from funds of the State with respect to transpor-  
15 tation projects for which Federal funds are obligated  
16 subsequent to April 16, 1958, for work, including  
17 utility relocation activities.

18 “(4) REIMBURSEMENT ELIGIBILITY FOR EARLY  
19 RELOCATION PRIOR TO TRANSPORTATION PROJECT  
20 ENVIRONMENTAL REVIEW PROCESS.—

21 “(A) IN GENERAL.—In addition to the re-  
22 quirements under paragraphs (1) through (3), a  
23 State may carry out, at the expense of the  
24 State, an early utility relocation project for a  
25 transportation project before completion of the

1 environmental review process for the transpor-  
2 tation project.

3 “(B) REQUIREMENTS FOR REIMBURSE-  
4 MENT.—Funds apportioned to a State under  
5 this title may be used to pay the costs incurred  
6 by the State for an early utility relocation  
7 project only if the State demonstrates to the  
8 Secretary, and the Secretary finds that—

9 “(i) the early utility relocation project  
10 is necessary to accommodate a transpor-  
11 tation project;

12 “(ii) the State provides adequate doc-  
13 umentation to the Secretary of eligible  
14 costs incurred by the State for the early  
15 utility relocation project;

16 “(iii) before the commencement of the  
17 utility relocation activities, an environ-  
18 mental review process was completed for  
19 the early utility relocation project that re-  
20 sulted in a finding that the early utility re-  
21 location project—

22 “(I) would not result in signifi-  
23 cant adverse environmental impacts;  
24 and

1                   “(II) would comply with other  
2                   applicable Federal environmental re-  
3                   quirements;

4                   “(iv) the early utility relocation  
5                   project did not influence—

6                   “(I) the environmental review  
7                   process for the transportation project;

8                   “(II) the decision relating to the  
9                   need to construct the transportation  
10                  project; or

11                  “(III) the selection of the trans-  
12                  portation project design or location;

13                  “(v) the early utility relocation project  
14                  complies with all applicable provisions of  
15                  law, including regulations issued pursuant  
16                  to this title;

17                  “(vi) the early utility relocation  
18                  project follows applicable financial proce-  
19                  dures and requirements, including docu-  
20                  mentation of eligible costs and the require-  
21                  ments under section 109(l), but not includ-  
22                  ing requirements applicable to authoriza-  
23                  tion and obligation of Federal funds;

24                  “(vii) the transportation project for  
25                  which the early utility relocation project

1 was necessitated was included in the appli-  
2 cable transportation improvement program  
3 under section 134 or 135;

4 “(viii) before the cost incurred by a  
5 State is approved for Federal participation,  
6 environmental compliance pursuant to the  
7 National Environmental Policy Act of  
8 1969 (42 U.S.C. 4321 et seq.) has been  
9 completed for the transportation project  
10 for which the early utility relocation  
11 project was necessitated; and

12 “(ix) the transportation project that  
13 necessitated the utility relocation activity is  
14 approved for construction.

15 “(C) SAVINGS PROVISION.—Nothing in  
16 this paragraph affects other eligibility require-  
17 ments or authorities for Federal participation  
18 in payment of costs incurred for utility reloca-  
19 tion activities.

20 “(c) APPLICABILITY OF OTHER PROVISIONS.—Noth-  
21 ing in this section affects the applicability of other require-  
22 ments that would otherwise apply to an early utility relo-  
23 cation project, including any applicable requirements  
24 under—

25 “(1) section 138;

1           “(2) the Uniform Relocation Assistance and  
2 Real Property Acquisition Policies Act of 1970 (42  
3 U.S.C. 4601 et seq.), including regulations under  
4 part 24 of title 49, Code of Federal Regulations (or  
5 successor regulations);

6           “(3) title VI of the Civil Rights Act of 1964 (42  
7 U.S.C. 2000d et seq.); or

8           “(4) an environmental review process.”.

9 **SEC. 1316. STREAMLINING OF SECTION 4(F) REVIEWS.**

10          Section 138(a) of title 23, United States Code, is  
11 amended—

12           (1) in the fourth sentence, by striking “In car-  
13 rying out” and inserting the following:

14           “(4) STUDIES.—In carrying out”;

15           (2) in the third sentence—

16           (A) by striking “such land, and (2) such  
17 program” and inserting the following: “the  
18 land; and

19           “(B) the program”;

20           (B) by striking “unless (1) there is” and  
21 inserting the following: “unless—

22           “(A) there is”; and

23           (C) by striking “After the” and inserting  
24 the following:

25           “(3) REQUIREMENT.—After the”;

1 (3) in the second sentence—

2 (A) by striking “The Secretary of Trans-  
3 portation” and inserting the following:

4 “(2) COOPERATION AND CONSULTATION.—

5 “(A) IN GENERAL.—The Secretary”; and

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

7 “(B) TIMELINE FOR APPROVALS.—

8 “(i) IN GENERAL.—The Secretary  
9 shall—

10 “(I) provide an evaluation under  
11 this section to the Secretaries de-  
12 scribed in subparagraph (A); and

13 “(II) provide a period of 30 days  
14 for receipt of comments.

15 “(ii) ASSUMED ACCEPTANCE.—If the  
16 Secretary does not receive comments by 15  
17 days after the deadline under clause  
18 (i)(II), the Secretary shall assume a lack  
19 of objection and proceed with the action.

20 “(C) EFFECT.—Nothing in subparagraph  
21 (B) affects—

22 “(i) the requirements under—

23 “(I) subsections (b) through (f);

24 or

1                   “(II) the consultation process  
2                   under section 306108 of title 54; or

3                   “(ii) programmatic section 4(f) eval-  
4                   uations, as described in regulations issued  
5                   by the Secretary.”; and

6                   (4) in the first sentence, by striking “It is de-  
7                   clared to be” and inserting the following:

8                   “(1) IN GENERAL.—It is”.

9   **SEC. 1317. CATEGORICAL EXCLUSION FOR PROJECTS OF**  
10                   **LIMITED FEDERAL ASSISTANCE.**

11                   Section 1317(1) of MAP-21 (23 U.S.C. 109 note;  
12                   Public Law 112-141) is amended—

13                   (1) in subparagraph (A), by striking  
14                   “\$5,000,000” and inserting “\$6,000,000”; and

15                   (2) in subparagraph (B), by striking  
16                   “\$30,000,000” and inserting “\$35,000,000”.

17   **SEC. 1318. CERTAIN GATHERING LINES LOCATED ON FED-**  
18                   **ERAL LAND AND INDIAN LAND.**

19                   (a) DEFINITIONS.—In this section:

20                   (1) FEDERAL LAND.—

21                   (A) IN GENERAL.—The term “Federal  
22                   land” means land the title to which is held by  
23                   the United States.

24                   (B) EXCLUSIONS.—The term “Federal  
25                   land” does not include—



- 1 (i) a unit of the National Park Sys-  
2 tem;
- 3 (ii) a unit of the National Wildlife  
4 Refuge System;
- 5 (iii) a component of the National Wil-  
6 derness Preservation System;
- 7 (iv) a wilderness study area within the  
8 National Forest System; or
- 9 (v) Indian land.

10 (2) GATHERING LINE AND ASSOCIATED FIELD  
11 COMPRESSION OR PUMPING UNIT.—

12 (A) IN GENERAL.—The term “gathering  
13 line and associated field compression or pump-  
14 ing unit” means—

15 (i) a pipeline that is installed to trans-  
16 port oil, natural gas and related constitu-  
17 ents, or produced water from 1 or more  
18 wells drilled and completed to produce oil  
19 or gas; and

20 (ii) if necessary, 1 or more compres-  
21 sors or pumps to raise the pressure of the  
22 transported oil, natural gas and related  
23 constituents, or produced water to higher  
24 pressures necessary to enable the oil, nat-  
25 ural gas and related constituents, or pro-

1           duced water to flow into pipelines and  
2           other facilities.

3           (B) INCLUSIONS.—The term “gathering  
4           line and associated field compression or pump-  
5           ing unit” includes a pipeline or associated com-  
6           pression or pumping unit that is installed to  
7           transport oil or natural gas from a processing  
8           plant to a common carrier pipeline or facility.

9           (C) EXCLUSIONS.—The term “gathering  
10          line and associated field compression or pump-  
11          ing unit” does not include a common carrier  
12          pipeline.

13          (3) INDIAN LAND.—The term “Indian land”  
14          means land the title to which is held by—

15               (A) the United States in trust for an In-  
16               dian Tribe or an individual Indian; or

17               (B) an Indian Tribe or an individual In-  
18               dian subject to a restriction by the United  
19               States against alienation.

20          (4) PRODUCED WATER.—The term “produced  
21          water” means water produced from an oil or gas  
22          well bore that is not a fluid prepared at, or trans-  
23          ported to, the well site to resolve a specific oil or gas  
24          well bore or reservoir condition.

1           (5) SECRETARY.—The term “Secretary” means  
2 the Secretary of the Interior.

3           (b) CERTAIN GATHERING LINES.—

4           (1) IN GENERAL.—Subject to paragraph (2),  
5 the issuance of a sundry notice or right-of-way for  
6 a gathering line and associated field compression or  
7 pumping unit that is located on Federal land or In-  
8 dian land and that services any oil or gas well may  
9 be considered by the Secretary to be an action that  
10 is categorically excluded (as defined in section  
11 1508.1 of title 40, Code of Federal Regulations (as  
12 in effect on the date of enactment of this Act)) for  
13 purposes of the National Environmental Policy Act  
14 of 1969 (42 U.S.C. 4321 et seq.) if the gathering  
15 line and associated field compression or pumping  
16 unit—

17           (A) are within a field or unit for which an  
18 approved land use plan or an environmental  
19 document prepared pursuant to the National  
20 Environmental Policy Act of 1969 (42 U.S.C.  
21 4321 et seq.) analyzed transportation of oil,  
22 natural gas, or produced water from 1 or more  
23 oil or gas wells in the field or unit as a reason-  
24 ably foreseeable activity;

25           (B) are located adjacent to or within—

- 1 (i) any existing disturbed area; or  
2 (ii) an existing corridor for a right-of-  
3 way; and

4 (C) would reduce—

- 5 (i) in the case of a gathering line and  
6 associated field compression or pumping  
7 unit transporting methane, the total quan-  
8 tity of methane that would otherwise be  
9 vented, flared, or unintentionally emitted  
10 from the field or unit; or

- 11 (ii) in the case of a gathering line and  
12 associated field compression or pumping  
13 unit not transporting methane, the vehic-  
14 ular traffic that would otherwise service  
15 the field or unit.

16 (2) APPLICABILITY.—Paragraph (1) shall apply  
17 to Indian land, or a portion of Indian land—

18 (A) to which the National Environmental  
19 Policy Act of 1969 (42 U.S.C. 4321 et seq.) ap-  
20 plies; and

21 (B) for which the Indian Tribe with juris-  
22 diction over the Indian land submits to the Sec-  
23 retary a written request that paragraph (1)  
24 apply to that Indian land (or portion of Indian  
25 land).

1 (c) EFFECT ON OTHER LAW.—Nothing in this sec-  
2 tion—

3 (1) affects or alters any requirement—

4 (A) relating to prior consent under—

5 (i) section 2 of the Act of February 5,  
6 1948 (62 Stat. 18, chapter 45; 25 U.S.C.  
7 324); or

8 (ii) section 16(e) of the Act of June  
9 18, 1934 (48 Stat. 987, chapter 576; 102  
10 Stat. 2939; 114 Stat. 47; 25 U.S.C.  
11 5123(e)) (commonly known as the “Indian  
12 Reorganization Act”);

13 (B) under section 306108 of title 54,  
14 United States Code; or

15 (C) under any other Federal law (including  
16 regulations) relating to Tribal consent for  
17 rights-of-way across Indian land; or

18 (2) makes the National Environmental Policy  
19 Act of 1969 (42 U.S.C. 4321 et seq.) applicable to  
20 land to which that Act otherwise would not apply.

21 **SEC. 1319. ANNUAL REPORT.**

22 (a) DEFINITION OF COVERED PROJECT.—In this sec-  
23 tion, the term “covered project” means a project or activ-  
24 ity carried out with funds provided by the Department,

1 including a project carried out under title 23 or 49, United  
2 States Code—

3 (1) that is more than 5 years behind schedule;

4 or

5 (2) for which the total amount spent on the  
6 project or activity is not less than \$1,000,000,000  
7 more than the original cost estimate for the project  
8 or activity.

9 (b) REQUIREMENT.—Not later than 1 year after the  
10 date of enactment of this Act, and annually thereafter,  
11 the Secretary shall submit to Congress a report on covered  
12 projects of the Department, which shall include, for each  
13 covered project—

14 (1) a brief description of the covered project,  
15 including—

16 (A) the purpose of the covered project;

17 (B) each location in which the covered  
18 project is carried out;

19 (C) the contract or award number of the  
20 covered project, if applicable;

21 (D) the year in which the covered project  
22 was initiated;

23 (E) the Federal share of the total cost of  
24 the covered project; and

1 (F) each primary contractor, subcon-  
2 tractor, grant recipient, and subgrantee recipi-  
3 ent of the covered project;

4 (2) an explanation of any change to the original  
5 scope of the covered project, including by the addi-  
6 tion or narrowing of the initial requirements of the  
7 covered project;

8 (3) the original expected date for completion of  
9 the covered project;

10 (4) the current expected date for completion of  
11 the covered project;

12 (5) the original cost estimate for the covered  
13 project, as adjusted to reflect increases in the Con-  
14 sumer Price Index for All Urban Consumers, as  
15 published by the Bureau of Labor Statistics;

16 (6) the current cost estimate for the covered  
17 project, as adjusted to reflect increases in the Con-  
18 sumer Price Index for All Urban Consumers, as  
19 published by the Bureau of Labor Statistics;

20 (7) an explanation for a delay in completion or  
21 an increase in the original cost estimate for the cov-  
22 ered project, including, where applicable, any impact  
23 of insufficient or delayed appropriations; and

1           (8) the amount of and rationale for any award,  
2           incentive fee, or other type of bonus, if any, awarded  
3           for the covered project.

## 4           **Subtitle D—Climate Change**

### 5   **SEC. 1401. GRANTS FOR CHARGING AND FUELING INFRA-** 6           **STRUCTURE.**

7           (a) PURPOSE.—The purpose of this section is to es-  
8           tablish a grant program to strategically deploy publicly ac-  
9           cessible electric vehicle charging infrastructure, hydrogen  
10          fueling infrastructure, propane fueling infrastructure, and  
11          natural gas fueling infrastructure along designated alter-  
12          native fuel corridors or in certain other locations that will  
13          be accessible to all drivers of electric vehicles, hydrogen  
14          vehicles, propane vehicles, and natural gas vehicles.

15          (b) GRANT PROGRAM.—Section 151 of title 23,  
16          United States Code, is amended—

17                 (1) in subsection (a)—

18                         (A) by striking “Not later than 1 year  
19                         after the date of enactment of the FAST Act,  
20                         the Secretary shall” and inserting “The Sec-  
21                         retary shall periodically”; and

22                         (B) by striking “to improve the mobility”  
23                         and inserting “to support changes in the trans-  
24                         portation sector that help achieve a reduction in



1 greenhouse gas emissions and improve the mo-  
2 bility”;

3 (2) in subsection (b)(2), by inserting “pre-  
4 viously designated by the Federal Highway Adminis-  
5 tration or” before “designated by”;

6 (3) by striking subsection (d) and inserting the  
7 following:

8 “(d) REDESIGNATION.—

9 “(1) INITIAL REDESIGNATION.—Not later than  
10 180 days after the date of enactment of the Surface  
11 Transportation Reauthorization Act of 2021, the  
12 Secretary shall update and redesignate the corridors  
13 under subsection (a).

14 “(2) SUBSEQUENT REDESIGNATION.—The Sec-  
15 retary shall establish a recurring process to regularly  
16 update and redesignate the corridors under sub-  
17 section (a).”;

18 (4) in subsection (e)—

19 (A) in paragraph (1), by striking “and” at  
20 the end;

21 (B) in paragraph (2)—

22 (i) by striking “establishes an aspira-  
23 tional goal of achieving” and inserting “de-  
24 scribes efforts, including through funds  
25 awarded through the grant program under

1 subsection (f), that will aid efforts to  
2 achieve”; and

3 (ii) by striking “by the end of fiscal  
4 year 2020.” and inserting “; and”; and

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

6 “(3) summarizes best practices and provides  
7 guidance, developed through consultation with the  
8 Secretary of Energy, for project development of elec-  
9 tric vehicle charging infrastructure, hydrogen fueling  
10 infrastructure, propane fueling infrastructure and  
11 natural gas fueling infrastructure at the State, Trib-  
12 al, and local level to allow for the predictable deploy-  
13 ment of that infrastructure.”; and

14 (5) by adding at the end the following:

15 “(f) GRANT PROGRAM.—

16 “(1) DEFINITION OF PRIVATE ENTITY.—In this  
17 subsection, the term ‘private entity’ means a cor-  
18 poration, partnership, company, or nonprofit organi-  
19 zation.

20 “(2) ESTABLISHMENT.—Not later than 1 year  
21 after the date of enactment of the Surface Transpor-  
22 tation Reauthorization Act of 2021, the Secretary  
23 shall establish a grant program to award grants to  
24 eligible entities to carry out the activities described  
25 in paragraph (6).

1           “(3) ELIGIBLE ENTITIES.—An entity eligible to  
2 receive a grant under this subsection is—

3           “(A) a State or political subdivision of a  
4 State;

5           “(B) a metropolitan planning organization;

6           “(C) a unit of local government;

7           “(D) a special purpose district or public  
8 authority with a transportation function, includ-  
9 ing a port authority;

10           “(E) an Indian tribe (as defined in section  
11 4 of the Indian Self-Determination and Edu-  
12 cation Assistance Act (25 U.S.C. 5304));

13           “(F) a territory of the United States;

14           “(G) an authority, agency, or instrumen-  
15 tality of, or an entity owned by, 1 or more enti-  
16 ties described in subparagraphs (A) through  
17 (F); or

18           “(H) a group of entities described in sub-  
19 paragraphs (A) through (G).

20           “(4) APPLICATIONS.—To be eligible to receive a  
21 grant under this subsection, an eligible entity shall  
22 submit to the Secretary an application at such time,  
23 in such manner, and containing such information as  
24 the Secretary shall require, including—

1           “(A) a description of how the eligible enti-  
2           ty has considered—

3                   “(i) public accessibility of charging or  
4                   fueling infrastructure proposed to be fund-  
5                   ed with a grant under this subsection, in-  
6                   cluding—

7                           “(I) charging or fueling con-  
8                           nector types and publicly available in-  
9                           formation on real-time availability;  
10                           and

11                           “(II) payment methods to ensure  
12                           secure, convenient, fair, and equal ac-  
13                           cess;

14                           “(ii) collaborative engagement with  
15                           stakeholders (including automobile manu-  
16                           facturers, utilities, infrastructure pro-  
17                           viders, technology providers, electric charg-  
18                           ing, hydrogen, propane, and natural gas  
19                           fuel providers, metropolitan planning orga-  
20                           nizations, States, Indian tribes, and units  
21                           of local governments, fleet owners, fleet  
22                           managers, fuel station owners and opera-  
23                           tors, labor organizations, infrastructure  
24                           construction and component parts sup-

1 pliers, and multi-State and regional enti-  
2 ties)—

3 “(I) to foster enhanced, coordi-  
4 nated, public-private or private invest-  
5 ment in electric vehicle charging infra-  
6 structure, hydrogen fueling infrastruc-  
7 ture, propane fueling infrastructure,  
8 or natural gas fueling infrastructure;

9 “(II) to expand deployment of  
10 electric vehicle charging infrastruc-  
11 ture, hydrogen fueling infrastructure,  
12 propane fueling infrastructure, or nat-  
13 ural gas fueling infrastructure;

14 “(III) to protect personal privacy  
15 and ensure cybersecurity; and

16 “(IV) to ensure that a properly  
17 trained workforce is available to con-  
18 struct and install electric vehicle  
19 charging infrastructure, hydrogen  
20 fueling infrastructure, propane fueling  
21 infrastructure, or natural gas fueling  
22 infrastructure;

23 “(iii) the location of the station or  
24 fueling site, such as consideration of—

1           “(I) the availability of onsite  
2 amenities for vehicle operators, such  
3 as restrooms or food facilities;

4           “(II) access in compliance with  
5 the Americans with Disabilities Act of  
6 1990 (42 U.S.C. 12101 et seq.);

7           “(III) height and fueling capacity  
8 requirements for facilities that charge  
9 or refuel large vehicles, such as semi-  
10 trailer trucks; and

11           “(IV) appropriate distribution to  
12 avoid redundancy and fill charging or  
13 fueling gaps;

14           “(iv) infrastructure installation that  
15 can be responsive to technology advance-  
16 ments, such as accommodating autono-  
17 mous vehicles, vehicle-to-grid technology,  
18 and future charging methods; and

19           “(v) the long-term operation and  
20 maintenance of the electric vehicle charg-  
21 ing infrastructure, hydrogen fueling infra-  
22 structure, propane fueling infrastructure,  
23 or natural gas fueling infrastructure, to  
24 avoid stranded assets and protect the in-

1 vestment of public funds in that infrastruc-  
2 ture; and

3 “(B) an assessment of the estimated emis-  
4 sions that will be reduced through the use of  
5 electric vehicle charging infrastructure, hydro-  
6 gen fueling infrastructure, propane fueling in-  
7 frastructure, or natural gas fueling infrastruc-  
8 ture, which shall be conducted using the Alter-  
9 native Fuel Life-Cycle Environmental and Eco-  
10 nomic Transportation (AFLEET) tool devel-  
11 oped by Argonne National Laboratory (or a  
12 successor tool).

13 “(5) CONSIDERATIONS.—In selecting eligible  
14 entities to receive a grant under this subsection, the  
15 Secretary shall—

16 “(A) consider the extent to which the ap-  
17 plication of the eligible entity would—

18 “(i) improve alternative fueling cor-  
19 ridor networks by—

20 “(I) converting corridor-pending  
21 corridors to corridor-ready corridors;

22 or

23 “(II) in the case of corridor-  
24 ready corridors, providing redun-  
25 dancy—

1                   “(aa) to meet excess demand  
2                   for charging or fueling infra-  
3                   structure; or

4                   “(bb) to reduce congestion  
5                   at existing charging or fueling in-  
6                   frastructure in high-traffic loca-  
7                   tions;

8                   “(ii) meet current or anticipated mar-  
9                   ket demands for charging or fueling infra-  
10                  structure;

11                  “(iii) enable or accelerate the con-  
12                  struction of charging or fueling infrastruc-  
13                  ture that would be unlikely to be completed  
14                  without Federal assistance;

15                  “(iv) support a long-term competitive  
16                  market for electric vehicle charging infra-  
17                  structure, hydrogen fueling infrastructure,  
18                  propane fueling infrastructure, or natural  
19                  gas fueling infrastructure that does not  
20                  significantly impair existing electric vehicle  
21                  charging infrastructure, hydrogen fueling  
22                  infrastructure, propane fueling infrastruc-  
23                  ture, or natural gas fueling infrastructure  
24                  providers;



1           “(v) provide access to electric vehicle  
2           charging infrastructure, hydrogen fueling  
3           infrastructure, propane fueling infrastruc-  
4           ture, or natural gas fueling infrastructure  
5           in areas with a current or forecasted need;  
6           and

7           “(vi) deploy electric vehicle charging  
8           infrastructure, hydrogen fueling infrastruc-  
9           ture, propane fueling infrastructure, or  
10          natural gas fueling infrastructure for  
11          medium- and heavy-duty vehicles (includ-  
12          ing along the National Highway Freight  
13          Network established under section 167(e))  
14          and in proximity to intermodal transfer  
15          stations;

16          “(B) ensure, to the maximum extent prac-  
17          ticable, geographic diversity among grant recipi-  
18          ents to ensure that electric vehicle charging in-  
19          frastructure, hydrogen fueling infrastructure,  
20          propane fueling infrastructure, or natural gas  
21          fueling infrastructure is available throughout  
22          the United States;

23          “(C) consider whether the private entity  
24          that the eligible entity contracts with under  
25          paragraph (6)—

1           “(i) submits to the Secretary the most  
2           recent year of audited financial statements;  
3           and

4           “(ii) has experience in installing and  
5           operating electric vehicle charging infra-  
6           structure, hydrogen fueling infrastructure,  
7           propane fueling infrastructure, or natural  
8           gas fueling infrastructure; and

9           “(D) consider whether, to the maximum  
10          extent practicable, the eligible entity and the  
11          private entity that the eligible entity contracts  
12          with under paragraph (6) enter into an agree-  
13          ment—

14           “(i) to operate and maintain publicly  
15           available electric vehicle charging infra-  
16           structure, hydrogen fueling infrastructure,  
17           propane fueling infrastructure, or natural  
18           gas infrastructure; and

19           “(ii) that provides a remedy and an  
20           opportunity to cure if the requirements de-  
21           scribed in clause (i) are not met.

22          “(6) USE OF FUNDS.—

23           “(A) IN GENERAL.—An eligible entity re-  
24           ceiving a grant under this subsection shall only  
25           use the funds in accordance with this paragraph

1 to contract with a private entity for acquisition  
2 and installation of publicly accessible electric  
3 vehicle charging infrastructure, hydrogen fuel-  
4 ing infrastructure, propane fueling infrastruc-  
5 ture, or natural gas fueling infrastructure that  
6 is directly related to the charging or fueling of  
7 a vehicle.

8 “(B) LOCATION OF INFRASTRUCTURE.—

9 Any publicly accessible electric vehicle charging  
10 infrastructure, hydrogen fueling infrastructure,  
11 propane fueling infrastructure, or natural gas  
12 fueling infrastructure acquired and installed  
13 with a grant under this subsection shall be lo-  
14 cated along an alternative fuel corridor des-  
15 ignated under this section, on the condition that  
16 any affected Indian tribes are consulted before  
17 the designation.

18 “(C) OPERATING ASSISTANCE.—

19 “(i) IN GENERAL.—Subject to clauses  
20 (ii) and (iii), an eligible entity that receives  
21 a grant under this subsection may use a  
22 portion of the funds to provide to a private  
23 entity operating assistance for the first 5  
24 years of operations after the installation of  
25 publicly available electric vehicle charging

1 infrastructure, hydrogen fueling infrastruc-  
2 ture, propane fueling infrastructure, or  
3 natural gas fueling infrastructure while the  
4 facility transitions to independent system  
5 operations.

6 “(ii) INCLUSIONS.—Operating assist-  
7 ance under this subparagraph shall be lim-  
8 ited to costs allocable to operating and  
9 maintaining the electric vehicle charging  
10 infrastructure, hydrogen fueling infrastruc-  
11 ture, propane fueling infrastructure, or  
12 natural gas fueling infrastructure and  
13 service.

14 “(iii) LIMITATION.—Operating assist-  
15 ance under this subparagraph may not ex-  
16 ceed the amount of a contract under sub-  
17 paragraph (A) to acquire and install pub-  
18 licly accessible electric vehicle charging in-  
19 frastructure, hydrogen fueling infrastruc-  
20 ture, propane fueling infrastructure, or  
21 natural gas fueling infrastructure.

22 “(D) TRAFFIC CONTROL DEVICES.—

23 “(i) IN GENERAL.—Subject to this  
24 paragraph, an eligible entity that receives  
25 a grant under this subsection may use a

1           portion of the funds to acquire and install  
2           traffic control devices located in the right-  
3           of-way to provide directional information to  
4           publicly accessible electric vehicle charging  
5           infrastructure, hydrogen fueling infrastruc-  
6           ture, propane fueling infrastructure, or  
7           natural gas fueling infrastructure acquired,  
8           installed, or operated with the grant.

9           “(ii) APPLICABILITY.—Clause (i) shall  
10          apply only to an eligible entity that—

11                   “(I) receives a grant under this  
12                   subsection; and

13                   “(II) is using that grant for the  
14                   acquisition and installation of publicly  
15                   accessible electric vehicle charging in-  
16                   frastructure, hydrogen fueling infra-  
17                   structure, propane fueling infrastruc-  
18                   ture, or natural gas fueling infrastruc-  
19                   ture.

20          “(iii) LIMITATION ON AMOUNT.—The  
21          amount of funds used to acquire and in-  
22          stall traffic control devices under clause (i)  
23          may not exceed the amount of a contract  
24          under subparagraph (A) to acquire and in-

1 stall publicly accessible charging or fueling  
2 infrastructure.

3 “(iv) NO NEW AUTHORITY CRE-  
4 ATED.—Nothing in this subparagraph au-  
5 thorizes an eligible entity that receives a  
6 grant under this subsection to acquire and  
7 install traffic control devices if the entity is  
8 not otherwise authorized to do so.

9 “(E) REVENUE.—

10 “(i) IN GENERAL.—An eligible entity  
11 receiving a grant under this subsection and  
12 a private entity referred to in subpara-  
13 graph (A) may enter into a cost-sharing  
14 agreement under which the private entity  
15 submits to the eligible entity a portion of  
16 the revenue from the electric vehicle charg-  
17 ing infrastructure, hydrogen fueling infra-  
18 structure, propane fueling infrastructure,  
19 or natural gas fueling infrastructure.

20 “(ii) USES OF REVENUE.—An eligible  
21 entity that receives revenue from a cost-  
22 sharing agreement under clause (i) may  
23 only use that revenue for a project that is  
24 eligible under this title.

1           “(7) CERTAIN FUELS.—The use of grants for  
2 propane fueling infrastructure under this subsection  
3 shall be limited to infrastructure for medium- and  
4 heavy-duty vehicles.

5           “(8) COMMUNITY GRANTS.—

6           “(A) IN GENERAL.—Notwithstanding  
7 paragraphs (4), (5), and (6), the Secretary  
8 shall reserve 50 percent of the amounts made  
9 available each fiscal year to carry out this sec-  
10 tion to provide grants to eligible entities in ac-  
11 cordance with this paragraph.

12           “(B) APPLICATIONS.—To be eligible to re-  
13 ceive a grant under this paragraph, an eligible  
14 entity shall submit to the Secretary an applica-  
15 tion at such time, in such manner, and con-  
16 taining such information as the Secretary may  
17 require.

18           “(C) ELIGIBLE ENTITIES.—An entity eligi-  
19 ble to receive a grant under this paragraph is—

20           “(i) an entity described in paragraph  
21 (3); and

22           “(ii) a State or local authority with  
23 ownership of publicly accessible transpor-  
24 tation facilities.

1           “(D) ELIGIBLE PROJECTS.—The Secretary  
2           may provide a grant under this paragraph for  
3           a project that is expected to reduce greenhouse  
4           gas emissions and to expand or fill gaps in ac-  
5           cess to publicly accessible electric vehicle charg-  
6           ing infrastructure, hydrogen fueling infrastruc-  
7           ture, propane fueling infrastructure, or natural  
8           gas fueling infrastructure, including—

9                   “(i) development phase activities, in-  
10                  cluding planning, feasibility analysis, rev-  
11                  enue forecasting, environmental review,  
12                  preliminary engineering and design work,  
13                  and other preconstruction activities; and

14                   “(ii) the acquisition and installation of  
15                  electric vehicle charging infrastructure, hy-  
16                  drogen fueling infrastructure, propane  
17                  fueling infrastructure, or natural gas fuel-  
18                  ing infrastructure that is directly related to  
19                  the charging or fueling of a vehicle, includ-  
20                  ing any related construction or reconstruc-  
21                  tion and the acquisition of real property di-  
22                  rectly related to the project, such as loca-  
23                  tions described in subparagraph (E), to ex-  
24                  pand access to electric vehicle charging in-  
25                  frastructure, hydrogen fueling infrastruc-



1           ture, propane fueling infrastructure, or  
2           natural gas fueling infrastructure.

3           “(E) PROJECT LOCATIONS.—A project re-  
4           ceiving a grant under this paragraph may be lo-  
5           cated on any public road or in other publicly ac-  
6           cessible locations, such as parking facilities at  
7           public buildings, public schools, and public  
8           parks, or in publicly accessible parking facilities  
9           owned or managed by a private entity.

10          “(F) PRIORITY.—In providing grants  
11          under this paragraph, the Secretary shall give  
12          priority to projects that expand access to elec-  
13          tric vehicle charging infrastructure, hydrogen  
14          fueling infrastructure, propane fueling infra-  
15          structure, or natural gas fueling infrastructure  
16          within—

17                 “(i) rural areas;

18                 “(ii) low- and moderate-income neigh-  
19                 borhoods; and

20                 “(iii) communities with a low ratio of  
21                 private parking spaces to households or a  
22                 high ratio of multiunit dwellings to single  
23                 family homes, as determined by the Sec-  
24                 retary.

1           “(G) ADDITIONAL CONSIDERATIONS.—In  
2 providing grants under this paragraph, the Sec-  
3 retary shall consider the extent to which the  
4 project—

5           “(i) contributes to geographic diver-  
6 sity among eligible entities, including  
7 achieving a balance between urban and  
8 rural communities; and

9           “(ii) meets current or anticipated  
10 market demands for charging or fueling in-  
11 frastructure, including faster charging  
12 speeds with high-powered capabilities nec-  
13 essary to minimize the time to charge or  
14 refuel current and anticipated vehicles.

15           “(H) PARTNERING WITH PRIVATE ENTI-  
16 TIES.—An eligible entity that receives a grant  
17 under this paragraph may use the grant funds  
18 to contract with a private entity for the acquisi-  
19 tion, construction, installation, maintenance, or  
20 operation of electric vehicle charging infrastruc-  
21 ture, hydrogen fueling infrastructure, propane  
22 fueling infrastructure, or natural gas fueling in-  
23 frastructure that is directly related to the  
24 charging or fueling of a vehicle.

1           “(I) MAXIMUM GRANT AMOUNT.—The  
2 amount of a grant under this paragraph shall  
3 not be more than \$15,000,000.

4           “(J) TECHNICAL ASSISTANCE.—Of the  
5 amounts reserved under subparagraph (A), the  
6 Secretary may use not more than 1 percent to  
7 provide technical assistance to eligible entities.

8           “(K) ADDITIONAL ACTIVITIES.—The re-  
9 cipient of a grant under this paragraph may  
10 use not more than 5 percent of the grant funds  
11 on educational and community engagement ac-  
12 tivities to develop and implement education pro-  
13 grams through partnerships with schools, com-  
14 munity organizations, and vehicle dealerships to  
15 support the use of zero-emission vehicles and  
16 associated infrastructure.

17           “(9) REQUIREMENTS.—

18           “(A) PROJECT TREATMENT.—Notwith-  
19 standing any other provision of law, any project  
20 funded by a grant under this subsection shall  
21 be treated as a project on a Federal-aid high-  
22 way under this chapter.

23           “(B) SIGNS.—Any traffic control device or  
24 on-premises sign acquired, installed, or operated

1 with a grant under this subsection shall comply  
2 with—

3 “(i) the Manual on Uniform Traffic  
4 Control Devices, if located in the right-of-  
5 way; and

6 “(ii) other provisions of Federal,  
7 State, and local law, as applicable.

8 “(10) FEDERAL SHARE.—

9 “(A) IN GENERAL.—The Federal share of  
10 the cost of a project carried out with a grant  
11 under this subsection shall not exceed 80 per-  
12 cent of the total project cost.

13 “(B) RESPONSIBILITY OF PRIVATE ENTI-  
14 TY.—As a condition of contracting with an eli-  
15 gible entity under paragraph (6) or (8), a pri-  
16 vate entity shall agree to pay the share of the  
17 cost of a project carried out with a grant under  
18 this subsection that is not paid by the Federal  
19 Government under subparagraph (A).

20 “(11) REPORT.—Not later than 3 years after  
21 the date of enactment of this subsection, the Sec-  
22 retary shall submit to the Committee on Environ-  
23 ment and Public Works of the Senate and the Com-  
24 mittee on Transportation and Infrastructure of the  
25 House of Representatives and make publicly avail-

1       able a report on the progress and implementation of  
2       this subsection.”.

3 **SEC. 1402. REDUCTION OF TRUCK EMISSIONS AT PORT FA-**  
4                                   **CILITIES.**

5       (a) ESTABLISHMENT OF PROGRAM.—

6               (1) IN GENERAL.—The Secretary shall establish  
7       a program to reduce idling at port facilities, under  
8       which the Secretary shall—

9                       (A) study how ports and intermodal port  
10       transfer facilities would benefit from increased  
11       opportunities to reduce emissions at ports, in-  
12       cluding through the electrification of port oper-  
13       ations;

14                      (B) study emerging technologies and strat-  
15       egies that may help reduce port-related emis-  
16       sions from idling trucks; and

17                      (C) coordinate and provide funding to test,  
18       evaluate, and deploy projects that reduce port-  
19       related emissions from idling trucks, including  
20       through the advancement of port electrification  
21       and improvements in efficiency, focusing on  
22       port operations, including heavy-duty commer-  
23       cial vehicles, and other related projects.

24               (2) CONSULTATION.—In carrying out the pro-  
25       gram under this subsection, the Secretary may con-

1       sult with the Secretary of Energy and the Adminis-  
2       trator of the Environmental Protection Agency.

3       (b) GRANTS.—

4           (1) IN GENERAL.—In carrying out subsection  
5       (a)(1)(C), the Secretary shall award grants to fund  
6       projects that reduce emissions at ports, including  
7       through the advancement of port electrification.

8           (2) COST SHARE.—A grant awarded under  
9       paragraph (1) shall not exceed 80 percent of the  
10      total cost of the project funded by the grant.

11          (3) COORDINATION.—In carrying out the grant  
12      program under this subsection, the Secretary shall—

13           (A) to the maximum extent practicable, le-  
14      verage existing resources and programs of the  
15      Department and other relevant Federal agen-  
16      cies; and

17           (B) coordinate with other Federal agen-  
18      cies, as the Secretary determines to be appro-  
19      priate.

20          (4) APPLICATION; SELECTION.—

21           (A) APPLICATION.—The Secretary shall  
22      solicit applications for grants under paragraph  
23      (1) at such time, in such manner, and con-  
24      taining such information as the Secretary deter-  
25      mines to be necessary.

1           (B) SELECTION.—The Secretary shall  
2           make grants under paragraph (1) by not later  
3           than April 1 of each fiscal year for which fund-  
4           ing is made available.

5           (5) REQUIREMENT.—Notwithstanding any  
6           other provision of law, any project funded by a grant  
7           under this subsection shall be treated as a project on  
8           a Federal-aid highway under chapter 1 of title 23,  
9           United States Code.

10          (c) REPORT.—Not later than 1 year after the date  
11          on which all of the projects funded with a grant under  
12          subsection (b) are completed, the Secretary shall submit  
13          to Congress a report that includes—

14                (1) the findings of the studies described in sub-  
15                paragraphs (A) and (B) of subsection (a)(1);

16                (2) the results of the projects that received a  
17                grant under subsection (b);

18                (3) any recommendations for workforce develop-  
19                ment and training opportunities with respect to port  
20                electrification; and

21                (4) any policy recommendations based on the  
22                findings and results described in paragraphs (1) and  
23                (2).

1 **SEC. 1403. CARBON REDUCTION PROGRAM.**

2 (a) IN GENERAL.—Chapter 1 of title 23, United  
3 States Code (as amended by section 1203(a)), is amended  
4 by adding at the end the following:

5 **“§ 175. Carbon reduction program**

6 “(a) DEFINITIONS.—In this section:

7 “(1) METROPOLITAN PLANNING ORGANIZATION;  
8 URBANIZED AREA.—The terms ‘metropolitan plan-  
9 ning organization’ and ‘urbanized area’ have the  
10 meaning given those terms in section 134(b).

11 “(2) TRANSPORTATION EMISSIONS.—The term  
12 ‘transportation emissions’ means carbon dioxide  
13 emissions from on-road highway sources of those  
14 emissions within a State.

15 “(3) TRANSPORTATION MANAGEMENT AREA.—  
16 The term ‘transportation management area’ means  
17 a transportation management area identified or des-  
18 ignated by the Secretary under section 134(k)(1).

19 “(b) ESTABLISHMENT.—The Secretary shall estab-  
20 lish a carbon reduction program to reduce transportation  
21 emissions.

22 “(c) ELIGIBLE PROJECTS.—

23 “(1) IN GENERAL.—Subject to paragraph (2),  
24 funds apportioned to a State under section  
25 104(b)(7) may be obligated for projects to support



1 the reduction of transportation emissions, includ-  
2 ing—

3 “(A) a project described in section  
4 149(b)(4) to establish or operate a traffic moni-  
5 toring, management, and control facility or pro-  
6 gram, including advanced truck stop electrifica-  
7 tion systems;

8 “(B) a public transportation project that is  
9 eligible for assistance under section 142;

10 “(C) a project described in section  
11 101(a)(29) (as in effect on the day before the  
12 date of enactment of the FAST Act (Public  
13 Law 114–94; 129 Stat. 1312)), including the  
14 construction, planning, and design of on-road  
15 and off-road trail facilities for pedestrians,  
16 bicyclists, and other nonmotorized forms of  
17 transportation;

18 “(D) a project described in section  
19 503(c)(4)(E) for advanced transportation and  
20 congestion management technologies;

21 “(E) a project for the deployment of infra-  
22 structure-based intelligent transportation sys-  
23 tems capital improvements and the installation  
24 of vehicle-to-infrastructure communications  
25 equipment, including retrofitting dedicated

1 short-range communications (DSRC) tech-  
2 nology deployed as part of an existing pilot pro-  
3 gram to cellular vehicle-to-everything (C-V2X)  
4 technology;

5 “(F) a project to replace street lighting  
6 and traffic control devices with energy-efficient  
7 alternatives;

8 “(G) the development of a carbon reduc-  
9 tion strategy in accordance with subsection (d);

10 “(H) a project or strategy that is designed  
11 to support congestion pricing, shifting transpor-  
12 tation demand to nonpeak hours or other trans-  
13 portation modes, increasing vehicle occupancy  
14 rates, or otherwise reducing demand for roads,  
15 including electronic toll collection, and travel  
16 demand management strategies and programs;

17 “(I) efforts to reduce the environmental  
18 and community impacts of freight movement;

19 “(J) a project to support deployment of al-  
20 ternative fuel vehicles, including—

21 “(i) the acquisition, installation, or  
22 operation of publicly accessible electric ve-  
23 hicle charging infrastructure or hydrogen,  
24 natural gas, or propane vehicle fueling in-  
25 frastructure; and

1           “(ii) the purchase or lease of zero-  
2           emission construction equipment and vehi-  
3           cles, including the acquisition, construc-  
4           tion, or leasing of required supporting fa-  
5           cilities;

6           “(K) a project described in section  
7           149(b)(8) for a diesel engine retrofit;

8           “(L) a project described in section  
9           149(b)(5) that does not result in the construc-  
10          tion of new capacity; and

11          “(M) a project that reduces transportation  
12          emissions at port facilities, including through  
13          the advancement of port electrification.

14          “(2) FLEXIBILITY.—In addition to the eligible  
15          projects under paragraph (1), a State may use funds  
16          apportioned under section 104(b)(7) for a project el-  
17          igible under section 133(b) if the Secretary certifies  
18          that the State has demonstrated a reduction in  
19          transportation emissions—

20                 “(A) as estimated on a per capita basis;  
21                 and

22                 “(B) as estimated on a per unit of eco-  
23                 nomic output basis.

24          “(d) CARBON REDUCTION STRATEGY.—

1           “(1) IN GENERAL.—Not later than 2 years  
2 after the date of enactment of the Surface Transpor-  
3 tation Reauthorization Act of 2021, a State, in con-  
4 sultation with any metropolitan planning organiza-  
5 tion designated within the State, shall develop a car-  
6 bon reduction strategy in accordance with this sub-  
7 section.

8           “(2) REQUIREMENTS.—The carbon reduction  
9 strategy of a State developed under paragraph (1)  
10 shall—

11                   “(A) support efforts to reduce transpor-  
12 tation emissions;

13                   “(B) identify projects and strategies to re-  
14 duce transportation emissions, which may in-  
15 clude projects and strategies for safe, reliable,  
16 and cost-effective options—

17                           “(i) to reduce traffic congestion by fa-  
18 cilitating the use of alternatives to single-  
19 occupant vehicle trips, including public  
20 transportation facilities, pedestrian facili-  
21 ties, bicycle facilities, and shared or pooled  
22 vehicle trips within the State or an area  
23 served by the applicable metropolitan plan-  
24 ning organization, if any;

1           “(ii) to facilitate the use of vehicles or  
2           modes of travel that result in lower trans-  
3           portation emissions per person-mile trav-  
4           eled as compared to existing vehicles and  
5           modes; and

6           “(iii) to facilitate approaches to the  
7           construction of transportation assets that  
8           result in lower transportation emissions as  
9           compared to existing approaches;

10          “(C) support the reduction of transpor-  
11          tation emissions of the State;

12          “(D) at the discretion of the State, quan-  
13          tify the total carbon emissions from the produc-  
14          tion, transport, and use of materials used in the  
15          construction of transportation facilities within  
16          the State; and

17          “(E) be appropriate to the population den-  
18          sity and context of the State, including any  
19          metropolitan planning organization designated  
20          within the State.

21          “(3) UPDATES.—The carbon reduction strategy  
22          of a State developed under paragraph (1) shall be  
23          updated not less frequently than once every 4 years.

24          “(4) REVIEW.—Not later than 90 days after  
25          the date on which a State submits a request for the

1 approval of a carbon reduction strategy developed by  
2 the State under paragraph (1), the Secretary shall—

3 “(A) review the process used to develop the  
4 carbon reduction strategy; and

5 “(B)(i) certify that the carbon reduction  
6 strategy meets the requirements of paragraph  
7 (2); or

8 “(ii) deny certification of the carbon reduc-  
9 tion strategy and specify the actions necessary  
10 for the State to take to correct the deficiencies  
11 in the process of the State in developing the  
12 carbon reduction strategy.

13 “(5) TECHNICAL ASSISTANCE.—At the request  
14 of a State, the Secretary shall provide technical as-  
15 sistance in the development of the carbon reduction  
16 strategy under paragraph (1).

17 “(e) SUBALLOCATION.—

18 “(1) IN GENERAL.—For each fiscal year, of the  
19 funds apportioned to the State under section  
20 104(b)(7)—

21 “(A) 65 percent shall be obligated, in pro-  
22 portion to their relative shares of the population  
23 of the State—

1           “(i) in urbanized areas of the State  
2           with an urbanized area population of more  
3           than 200,000;

4           “(ii) in urbanized areas of the State  
5           with an urbanized population of not less  
6           than 50,000 and not more than 200,000;

7           “(iii) in urban areas of the State with  
8           a population of not less than 5,000 and  
9           not more than 49,999; and

10          “(iv) in other areas of the State with  
11          a population of less than 5,000; and

12          “(B) the remainder may be obligated in  
13          any area of the State.

14          “(2) METROPOLITAN AREAS.—Funds attributed  
15          to an urbanized area under paragraph (1)(A)(i) may  
16          be obligated in the metropolitan area established  
17          under section 134 that encompasses the urbanized  
18          area.

19          “(3) DISTRIBUTION AMONG URBANIZED AREAS  
20          OF OVER 50,000 POPULATION.—

21          “(A) IN GENERAL.—Except as provided in  
22          subparagraph (B), the amounts that a State is  
23          required to obligate under clauses (i) and (ii) of  
24          paragraph (1)(A) shall be obligated in urban-

1           ized areas described in those clauses based on  
2           the relative population of the areas.

3           “(B) OTHER FACTORS.—The State may  
4           obligate the funds described in subparagraph  
5           (A) based on other factors if—

6                   “(i) the State and the relevant metro-  
7                   politan planning organizations jointly apply  
8                   to the Secretary for the permission to base  
9                   the obligation on other factors; and

10                   “(ii) the Secretary grants the request.

11           “(4) COORDINATION IN URBANIZED AREAS.—  
12           Before obligating funds for an eligible project under  
13           subsection (c) in an urbanized area that is not a  
14           transportation management area, a State shall co-  
15           ordinate with any metropolitan planning organiza-  
16           tion that represents the urbanized area prior to de-  
17           termining which activities should be carried out  
18           under the project.

19           “(5) CONSULTATION IN RURAL AREAS.—Before  
20           obligating funds for an eligible project under sub-  
21           section (c) in a rural area, a State shall consult with  
22           any regional transportation planning organization or  
23           metropolitan planning organization that represents  
24           the rural area prior to determining which activities  
25           should be carried out under the project.



1 “(6) OBLIGATION AUTHORITY.—

2 “(A) IN GENERAL.—A State that is re-  
3 quired to obligate in an urbanized area with an  
4 urbanized area population of 50,000 or more  
5 under this subsection funds apportioned to the  
6 State under section 104(b)(7) shall make avail-  
7 able during the period of fiscal years 2022  
8 through 2026 an amount of obligation authority  
9 distributed to the State for Federal-aid high-  
10 ways and highway safety construction programs  
11 for use in the area that is equal to the amount  
12 obtained by multiplying—

13 “(i) the aggregate amount of funds  
14 that the State is required to obligate in the  
15 area under this subsection during the pe-  
16 riod; and

17 “(ii) the ratio that—

18 “(I) the aggregate amount of ob-  
19 ligation authority distributed to the  
20 State for Federal-aid highways and  
21 highway safety construction programs  
22 during the period; bears to

23 “(II) the total of the sums appor-  
24 tioned to the State for Federal-aid  
25 highways and highway safety con-

1                   struction programs (excluding sums  
2                   not subject to an obligation limitation)  
3                   during the period.

4                   “(B) JOINT RESPONSIBILITY.—Each  
5                   State, each affected metropolitan planning or-  
6                   ganization, and the Secretary shall jointly en-  
7                   sure compliance with subparagraph (A).

8                   “(f) FEDERAL SHARE.—The Federal share of the  
9                   cost of a project carried out using funds apportioned to  
10                  a State under section 104(b)(7) shall be determined in ac-  
11                  cordance with section 120.”.

12                  (b) CLERICAL AMENDMENT.—The analysis for chap-  
13                  ter 1 of title 23, United States Code (as amended by sec-  
14                  tion 1203(b)) is amended by inserting after the item relat-  
15                  ing to section 174 the following:

                  “175. Carbon reduction program.”.

16   **SEC. 1404. CONGESTION RELIEF PROGRAM.**

17                  (a) IN GENERAL.—Section 129 of title 23, United  
18                  States Code, is amended by adding at the end the fol-  
19                  lowing:

20                  “(d) CONGESTION RELIEF PROGRAM.—

21                         “(1) DEFINITIONS.—In this subsection:

22                                 “(A) ELIGIBLE ENTITY.—The term ‘eligi-  
23                                 ble entity’ means any of the following:

1           “(i) A State, for the purpose of car-  
2           rying out a project in an urbanized area  
3           with a population of more than 1,000,000.

4           “(ii) A metropolitan planning organi-  
5           zation, city, or municipality, for the pur-  
6           pose of carrying out a project in an urban-  
7           ized area with a population of more than  
8           1,000,000.

9           “(B) INTEGRATED CONGESTION MANAGE-  
10          MENT SYSTEM.—The term ‘integrated conges-  
11          tion management system’ means a system for  
12          the integration of management and operations  
13          of a regional transportation system that in-  
14          cludes, at a minimum, traffic incident manage-  
15          ment, work zone management, traffic signal  
16          timing, managed lanes, real-time traveler infor-  
17          mation, and active traffic management, in order  
18          to maximize the capacity of all facilities and  
19          modes across the applicable region.

20          “(C) PROGRAM.—The term ‘program’  
21          means the congestion relief program established  
22          under paragraph (2).

23          “(2) ESTABLISHMENT.—The Secretary shall es-  
24          tablish a congestion relief program to provide discre-  
25          tionary grants to eligible entities to advance innova-

1       tive, integrated, and multimodal solutions to conges-  
2       tion relief in the most congested metropolitan areas  
3       of the United States.

4               “(3) PROGRAM GOALS.—The goals of the pro-  
5       gram are to reduce highway congestion, reduce eco-  
6       nomic and environmental costs associated with that  
7       congestion, including transportation emissions, and  
8       optimize existing highway capacity and usage of  
9       highway and transit systems through—

10               “(A) improving intermodal integration with  
11       highways, highway operations, and highway  
12       performance;

13               “(B) reducing or shifting highway users to  
14       off-peak travel times or to nonhighway travel  
15       modes during peak travel times; and

16               “(C) pricing of, or based on, as applica-  
17       ble—

18                       “(i) parking;

19                       “(ii) use of roadways, including in  
20       designated geographic zones; or

21                       “(iii) congestion.

22               “(4) ELIGIBLE PROJECTS.—Funds from a  
23       grant under the program may be used for a project  
24       or an integrated collection of projects, including  
25       planning, design, implementation, and construction

1 activities, to achieve the program goals under para-  
2 graph (3), including—

3 “(A) deployment and operation of an inte-  
4 grated congestion management system;

5 “(B) deployment and operation of a system  
6 that implements or enforces high occupancy ve-  
7 hicle toll lanes, cordon pricing, parking pricing,  
8 or congestion pricing;

9 “(C) deployment and operation of mobility  
10 services, including establishing account-based fi-  
11 nancial systems, commuter buses, commuter  
12 vans, express operations, paratransit, and on-  
13 demand microtransit; and

14 “(D) incentive programs that encourage  
15 travelers to carpool, use nonhighway travel  
16 modes during peak period, or travel during  
17 nonpeak periods.

18 “(5) APPLICATION; SELECTION.—

19 “(A) APPLICATION.—To be eligible to re-  
20 ceive a grant under the program, an eligible en-  
21 tity shall submit to the Secretary an application  
22 at such time, in such manner, and containing  
23 such information as the Secretary may require.

24 “(B) PRIORITY.—In providing grants  
25 under the program, the Secretary shall give pri-

1 ority to projects in urbanized areas that are ex-  
2 periencing a high degree of recurrent conges-  
3 tion.

4 “(C) FEDERAL SHARE.—The Federal  
5 share of the cost of a project carried out with  
6 a grant under the program shall not exceed 80  
7 percent of the total project cost.

8 “(D) MINIMUM AWARD.—A grant provided  
9 under the program shall be not less than  
10 \$10,000,000.

11 “(6) USE OF TOLLING.—

12 “(A) IN GENERAL.—Notwithstanding sub-  
13 section (a)(1) and section 301 and subject to  
14 subparagraphs (B) and (C), the Secretary shall  
15 allow the use of tolls on the Interstate System  
16 as part of a project carried out with a grant  
17 under the program.

18 “(B) REQUIREMENTS.—The Secretary  
19 may only approve the use of tolls under sub-  
20 paragraph (A) if—

21 “(i) the eligible entity has authority  
22 under State, and if applicable, local, law to  
23 assess the applicable toll;

1           “(ii) the maximum toll rate for any  
2           vehicle class is not greater than the prod-  
3           uct obtained by multiplying—

4                   “(I) the toll rate for any other  
5                   vehicle class; and

6                   “(II) 5;

7                   “(iii) the toll rates are not charged or  
8                   varied on the basis of State residency;

9                   “(iv) the Secretary determines that  
10                  the use of tolls will enable the eligible enti-  
11                  ty to achieve the program goals under  
12                  paragraph (3) without a significant impact  
13                  to safety or mobility within the urbanized  
14                  area in which the project is located; and

15                  “(v) the use of toll revenues complies  
16                  with subsection (a)(3).

17                  “(C) LIMITATION.—The Secretary may not  
18                  approve the use of tolls on the Interstate Sys-  
19                  tem under the program in more than 10 urban-  
20                  ized areas.

21                  “(7) FINANCIAL EFFECTS ON LOW-INCOME  
22                  DRIVERS.—A project under the program—

23                   “(A) shall include, if appropriate, an anal-  
24                   ysis of the potential effects of the project on  
25                   low-income drivers; and

1           “(B) may include mitigation measures to  
2           deal with any potential adverse financial effects  
3           on low-income drivers.”.

4           (b) **HIGH OCCUPANCY VEHICLE USE OF CERTAIN**  
5 **TOLL FACILITIES.**—Section 129(a) of title 23, United  
6 States Code, is amended—

7           (1) by redesignating paragraph (10) as para-  
8           graph (11); and

9           (2) by inserting after paragraph (9) the fol-  
10          lowing:

11           “(10) **HIGH OCCUPANCY VEHICLE USE OF CER-**  
12 **TAIN TOLL FACILITIES.**—Notwithstanding section  
13 102(a), in the case of a toll facility that is on the  
14 Interstate System and that is constructed or con-  
15 verted after the date of enactment of the Surface  
16 Transportation Reauthorization Act of 2021, the  
17 public authority with jurisdiction over the toll facil-  
18 ity shall allow high occupancy vehicles, transit, and  
19 paratransit vehicles to use the facility at a discount  
20 rate or without charge, unless the public authority,  
21 in consultation with the Secretary, determines that  
22 the number of those vehicles using the facility re-  
23 duces the travel time reliability of the facility.”.

24 **SEC. 1405. FREIGHT PLANS.**

25           (a) **NATIONAL AND STATE FREIGHT PLANS.**—



1           (1) NATIONAL FREIGHT STRATEGIC PLAN.—  
2 Section 70102(b) of title 49, United States Code, is  
3 amended—

4           (A) in paragraph (10), by striking “and”  
5 at the end;

6           (B) in paragraph (11), by striking the pe-  
7 riod at the end and inserting a semicolon; and

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

9           “(12) possible strategies to increase the resil-  
10 ience of the freight system, including the ability to  
11 anticipate, prepare for, or adapt to conditions, or  
12 withstand, respond to, or recover rapidly from dis-  
13 ruptions, including extreme weather and natural dis-  
14 asters;

15           “(13) strategies to promote United States eco-  
16 nomic growth and international competitiveness; and

17           “(14) strategies to reduce local air pollution  
18 from freight movement, stormwater runoff, and wild-  
19 life habitat loss resulting from freight facilities,  
20 freight vehicles, or freight activity.”.

21           (2) STATE FREIGHT PLANS.—Section 70202 of  
22 title 49, United States Code, is amended—

23           (A) in subsection (b)—

24           (i) in paragraph (9), by striking  
25 “and” at the end;

1 (ii) by redesignating paragraph (10)  
2 as paragraph (12); and

3 (iii) by inserting after paragraph (9)  
4 the following:

5 “(10) the most recent commercial motor vehicle  
6 parking facilities assessment conducted under sub-  
7 section (f);

8 “(11) strategies and goals to decrease—

9 “(A) the severity of impacts of extreme  
10 weather and natural disasters on freight mobil-  
11 ity;

12 “(B) the impacts of freight movement on  
13 local air pollution;

14 “(C) the impacts of freight movement on  
15 flooding and stormwater runoff; and

16 “(D) the impacts of freight movement on  
17 wildlife habitat loss; and”;

18 (B) by redesignating subsection (e) as sub-  
19 section (h); and

20 (C) by inserting after subsection (d) the  
21 following:

22 “(e) PRIORITY.—Each State freight plan under this  
23 section shall include a requirement that the State, in car-  
24 rying out activities under the State freight plan—

1           “(1) enhance reliability or redundancy of  
2 freight transportation; or

3           “(2) incorporate the ability to rapidly restore  
4 access and reliability of freight transportation.

5           “(f) COMMERCIAL MOTOR VEHICLE PARKING FA-  
6 CILITIES ASSESSMENTS.—As part of the development or  
7 updating, as applicable, of the State freight plan under  
8 this section, each State that receives funding under section  
9 167 of title 23, in consultation with relevant State motor  
10 carrier safety personnel, shall conduct an assessment of—

11           “(1) the capability of the State, together with  
12 the private sector in the State, to provide adequate  
13 parking facilities and rest facilities for commercial  
14 motor vehicles engaged in interstate transportation;

15           “(2) the volume of commercial motor vehicle  
16 traffic in the State; and

17           “(3) whether there are any areas within the  
18 State that have a shortage of adequate commercial  
19 motor vehicle parking facilities, including an analysis  
20 (economic or otherwise, as the State determines to  
21 be appropriate) of the underlying causes of any such  
22 shortages.

23           “(g) APPROVAL.—

24           “(1) IN GENERAL.—The Secretary of Transpor-  
25 tation shall approve a State freight plan described in

1 subsection (a) if the plan achieves compliance with  
2 the requirements of this section.

3 “(2) SAVINGS PROVISION.—Nothing in this sub-  
4 section establishes new procedural requirements for  
5 the approval of a State freight plan described in  
6 subsection (a).”.

7 (b) STUDIES.—For the purpose of facilitating the in-  
8 tegration of intelligent transportation systems into the  
9 freight transportation network powered by electricity, the  
10 Secretary, acting through the Administrator of the Fed-  
11 eral Highway Administration, shall conduct a study relat-  
12 ing to—

13 (1) preparing to supply power to applicable  
14 electrical freight infrastructure; and

15 (2) safely integrating freight into intelligent  
16 transportation systems.

17 **SEC. 1406. PROMOTING RESILIENT OPERATIONS FOR**  
18 **TRANSFORMATIVE, EFFICIENT, AND COST-**  
19 **SAVING TRANSPORTATION (PROTECT) PRO-**  
20 **GRAM.**

21 (a) IN GENERAL.—Chapter 1 of title 23, United  
22 States Code (as amended by section 1403(a)), is amended  
23 by adding at the end the following:

1 **“§ 176. Promoting Resilient Operations for Trans-**  
2 **formative, Efficient, and Cost-saving**  
3 **Transportation (PROTECT) program**

4 “(a) DEFINITIONS.—In this section:

5 “(1) EMERGENCY EVENT.—The term ‘emer-  
6 gency event’ means a natural disaster or cata-  
7 strophic failure resulting in—

8 “(A) an emergency declared by the Gov-  
9 ernor of the State in which the disaster or fail-  
10 ure occurred; or

11 “(B) an emergency or disaster declared by  
12 the President.

13 “(2) EVACUATION ROUTE.—The term ‘evacu-  
14 ation route’ means a transportation route or system  
15 that—

16 “(A) is owned, operated, or maintained by  
17 a Federal, State, Tribal, or local government;

18 “(B) is used—

19 “(i) to transport the public away from  
20 emergency events; or

21 “(ii) to transport emergency respond-  
22 ers and recovery resources; and

23 “(C) is designated by the eligible entity  
24 with jurisdiction over the area in which the  
25 route is located for the purposes described in  
26 subparagraph (B).

1           “(3) PROGRAM.—The term ‘program’ means  
2 the program established under subsection (b)(1).

3           “(4) RESILIENCE IMPROVEMENT.—The term  
4 ‘resilience improvement’ means the use of materials  
5 or structural or nonstructural techniques, including  
6 natural infrastructure—

7           “(A) that allow a project—

8                   “(i) to better anticipate, prepare for,  
9 and adapt to changing conditions and to  
10 withstand and respond to disruptions; and

11                   “(ii) to be better able to continue to  
12 serve the primary function of the project  
13 during and after weather events and nat-  
14 ural disasters for the expected life of the  
15 project; or

16           “(B) that—

17                   “(i) reduce the magnitude and dura-  
18 tion of impacts of current and future  
19 weather events and natural disasters to a  
20 project; or

21                   “(ii) have the absorptive capacity,  
22 adaptive capacity, and recoverability to de-  
23 crease project vulnerability to current and  
24 future weather events or natural disasters.

25           “(b) ESTABLISHMENT.—

1           “(1) IN GENERAL.—The Secretary shall estab-  
2           lish a program, to be known as the ‘Promoting Re-  
3           silient Operations for Transformative, Efficient, and  
4           Cost-saving Transportation program’ or the ‘PRO-  
5           TECT program’.

6           “(2) PURPOSE.—The purpose of the program is  
7           to provide grants for resilience improvements  
8           through—

9                   “(A) formula funding distributed to States  
10                  to carry out subsection (c);

11                  “(B) competitive planning grants to enable  
12                  communities to assess vulnerabilities to current  
13                  and future weather events and natural disasters  
14                  and changing conditions, including sea level  
15                  rise, and plan transportation improvements and  
16                  emergency response strategies to address those  
17                  vulnerabilities; and

18                  “(C) competitive resilience improvement  
19                  grants to protect—

20                          “(i) surface transportation assets by  
21                          making the assets more resilient to current  
22                          and future weather events and natural dis-  
23                          asters, such as severe storms, flooding,  
24                          drought, levee and dam failures, wildfire,  
25                          rockslides, mudslides, sea level rise, ex-

1           treme weather, including extreme tempera-  
2           ture, and earthquakes;

3           “(ii) communities through resilience  
4           improvements and strategies that allow for  
5           the continued operation or rapid recovery  
6           of surface transportation systems that—

7                   “(I) serve critical local, regional,  
8                   and national needs, including evacu-  
9                   ation routes; and

10                   “(II) provide access or service to  
11                   hospitals and other medical or emer-  
12                   gency service facilities, major employ-  
13                   ers, critical manufacturing centers,  
14                   ports and intermodal facilities, utili-  
15                   ties, and Federal facilities;

16           “(iii) coastal infrastructure, such as a  
17           tide gate to protect highways, that is at  
18           long-term risk to sea level rise; and

19           “(iv) natural infrastructure that pro-  
20           tects and enhances surface transportation  
21           assets while improving ecosystem condi-  
22           tions, including culverts that ensure ade-  
23           quate flows in rivers and estuarine sys-  
24           tems.



1       “(c) ELIGIBLE ACTIVITIES FOR APPORTIONED  
2 FUNDING.—

3               “(1) IN GENERAL.—Except as provided in para-  
4 graph (2), funds apportioned to the State under sec-  
5 tion 104(b)(8) shall be obligated for activities eligi-  
6 ble under subparagraph (A), (B), or (C) of sub-  
7 section (d)(4).

8               “(2) PLANNING SET-ASIDE.—Of the funds ap-  
9 portioned to a State under section 104(b)(8) for  
10 each fiscal year, not less than 2 percent shall be for  
11 activities described in subsection (d)(3).

12               “(3) REQUIREMENTS.—

13                       “(A) PROJECTS IN CERTAIN AREAS.—If a  
14 project under this subsection is carried out, in  
15 whole or in part, within a base floodplain, the  
16 State shall—

17                               “(i) identify the base floodplain in  
18 which the project is to be located and dis-  
19 close that information to the Secretary;  
20 and

21                               “(ii) indicate to the Secretary whether  
22 the State plans to implement 1 or more  
23 components of the risk mitigation plan  
24 under section 322 of the Robert T. Staf-  
25 ford Disaster Relief and Emergency Assist-

1           ance Act (42 U.S.C. 5165) with respect to  
2           the area.

3           “(B) ELIGIBILITIES.—A State shall use  
4           funds apportioned to the State under section  
5           104(b)(8) for—

6                   “(i) a highway project eligible for as-  
7                   sistance under this title;

8                   “(ii) a public transportation facility or  
9                   service eligible for assistance under chapter  
10                  53 of title 49; or

11                  “(iii) a port facility, including a facil-  
12                  ity that—

13                           “(I) connects a port to other  
14                           modes of transportation;

15                           “(II) improves the efficiency of  
16                           evacuations and disaster relief; or

17                           “(III) aids transportation.

18           “(C) SYSTEM RESILIENCE.—A project car-  
19           ried out by a State with funds apportioned to  
20           the State under section 104(b)(8) may include  
21           the use of natural infrastructure or the con-  
22           struction or modification of storm surge, flood  
23           protection, or aquatic ecosystem restoration ele-  
24           ments that are functionally connected to a  
25           transportation improvement, such as—

1           “(i) increasing marsh health and total  
2           area adjacent to a highway right-of-way to  
3           promote additional flood storage;

4           “(ii) upgrades to and installation of  
5           culverts designed to withstand 100-year  
6           flood events;

7           “(iii) upgrades to and installation of  
8           tide gates to protect highways;

9           “(iv) upgrades to and installation of  
10          flood gates to protect tunnel entrances;  
11          and

12          “(v) improving functionality and resil-  
13          iency of stormwater controls, including in-  
14          ventory inspections, upgrades to, and pres-  
15          ervation of best management practices to  
16          protect surface transportation infrastruc-  
17          ture.

18          “(D) FEDERAL COST SHARE.—

19                 “(i) IN GENERAL.—Except as pro-  
20                 vided in subsection (e)(1), the Federal  
21                 share of the cost of a project carried out  
22                 using funds apportioned to the State under  
23                 section 104(b)(8) shall not exceed 80 per-  
24                 cent of the total project cost.

1           “(ii) NON-FEDERAL SHARE.—A State  
2           may use Federal funds other than Federal  
3           funds apportioned to the State under sec-  
4           tion 104(b)(8) to meet the non-Federal  
5           cost share requirement for a project under  
6           this subsection.

7           “(E) ELIGIBLE PROJECT COSTS.—

8           “(i) IN GENERAL.—Except as pro-  
9           vided in clause (ii), eligible project costs  
10          for activities carried out by a State with  
11          funds apportioned to the State under sec-  
12          tion 104(b)(8) may include the costs of—

13                 “(I) development phase activities,  
14                 including planning, feasibility anal-  
15                 ysis, revenue forecasting, environ-  
16                 mental review, preliminary engineer-  
17                 ing and design work, and other  
18                 preconstruction activities; and

19                 “(II) construction, reconstruc-  
20                 tion, rehabilitation, and acquisition of  
21                 real property (including land related  
22                 to the project and improvements to  
23                 land), environmental mitigation, con-  
24                 struction contingencies, acquisition of  
25                 equipment directly related to improv-

1                   ing system performance, and oper-  
2                   ational improvements.

3                   “(ii) ELIGIBLE PLANNING COSTS.—In  
4                   the case of a planning activity described in  
5                   subsection (d)(3) that is carried out by a  
6                   State with funds apportioned to the State  
7                   under section 104(b)(8), eligible costs may  
8                   include development phase activities, in-  
9                   cluding planning, feasibility analysis, rev-  
10                  enue forecasting, environmental review,  
11                  preliminary engineering and design work,  
12                  other preconstruction activities, and other  
13                  activities consistent with carrying out the  
14                  purposes of subsection (d)(3).

15                  “(F) LIMITATIONS.—A State—

16                   “(i) may use not more than 40 per-  
17                   cent of the amounts apportioned to the  
18                   State under section 104(b)(8) for the con-  
19                   struction of new capacity; and

20                   “(ii) may use not more than 10 per-  
21                   cent of the amounts apportioned to the  
22                   State under section 104(b)(8) for activities  
23                   described in subparagraph (E)(i)(I).

24                  “(d) COMPETITIVE AWARDS.—

1           “(1) IN GENERAL.—In addition to funds appor-  
2           tioned to States under section 104(b)(8) to carry out  
3           activities under subsection (c), the Secretary shall  
4           provide grants on a competitive basis under this sub-  
5           section to eligible entities described in paragraph  
6           (2).

7           “(2) ELIGIBLE ENTITIES.—Except as provided  
8           in paragraph (4)(C), the Secretary may make a  
9           grant under this subsection to any of the following:

10                   “(A) A State or political subdivision of a  
11                   State.

12                   “(B) A metropolitan planning organiza-  
13                   tion.

14                   “(C) A unit of local government.

15                   “(D) A special purpose district or public  
16                   authority with a transportation function, includ-  
17                   ing a port authority.

18                   “(E) An Indian tribe (as defined in section  
19                   207(m)(1)).

20                   “(F) A Federal land management agency  
21                   that applies jointly with a State or group of  
22                   States.

23                   “(G) A multi-State or multijurisdictional  
24                   group of entities described in subparagraphs  
25                   (A) through (F).

1           “(3) PLANNING GRANTS.—Using funds made  
2 available under this subsection, the Secretary shall  
3 provide planning grants to eligible entities for the  
4 purpose of—

5           “(A) in the case of a State or metropolitan  
6 planning organization, developing a resilience  
7 improvement plan under subsection (e)(2);

8           “(B) resilience planning, predesign, design,  
9 or the development of data tools to simulate  
10 transportation disruption scenarios, including  
11 vulnerability assessments;

12           “(C) technical capacity building by the eli-  
13 gible entity to facilitate the ability of the eligi-  
14 ble entity to assess the vulnerabilities of the  
15 surface transportation assets and community  
16 response strategies of the eligible entity under  
17 current conditions and a range of potential fu-  
18 ture conditions; or

19           “(D) evacuation planning and preparation.

20           “(4) RESILIENCE GRANTS.—

21           “(A) RESILIENCE IMPROVEMENT  
22 GRANTS.—

23           “(i) IN GENERAL.—Using funds made  
24 available under this subsection, the Sec-  
25 retary shall provide resilience improvement

1 grants to eligible entities to carry out 1 or  
2 more eligible activities under clause (ii).

3 “(ii) ELIGIBLE ACTIVITIES.—

4 “(I) IN GENERAL.—An eligible  
5 entity may use a resilience improve-  
6 ment grant under this subparagraph  
7 for 1 or more construction activities  
8 to improve the ability of an existing  
9 surface transportation asset to with-  
10 stand 1 or more elements of a weather  
11 event or natural disaster, or to in-  
12 crease the resilience of surface trans-  
13 portation infrastructure from the im-  
14 pacts of changing conditions, such as  
15 sea level rise, flooding, wildfires, ex-  
16 treme weather events, and other nat-  
17 ural disasters.

18 “(II) INCLUSIONS.—An activity  
19 eligible to be carried out under this  
20 subparagraph includes—

21 “(aa) resurfacing, restora-  
22 tion, rehabilitation, reconstruc-  
23 tion, replacement, improvement,  
24 or realignment of an existing sur-



1 face transportation facility eligi-  
2 ble for assistance under this title;  
3 “(bb) the incorporation of  
4 natural infrastructure;  
5 “(cc) the upgrade of an ex-  
6 isting surface transportation fa-  
7 cility to meet or exceed a design  
8 standard adopted by the Federal  
9 Highway Administration;  
10 “(dd) the installation of  
11 mitigation measures that prevent  
12 the intrusion of floodwaters into  
13 surface transportation systems;  
14 “(ee) strengthening systems  
15 that remove rainwater from sur-  
16 face transportation facilities;  
17 “(ff) upgrades to and instal-  
18 lation of structural stormwater  
19 controls;  
20 “(gg) a resilience project  
21 that addresses identified  
22 vulnerabilities described in the  
23 resilience improvement plan of  
24 the eligible entity, if applicable;

1           “(hh) relocating roadways in  
2           a base floodplain to higher  
3           ground above projected flood ele-  
4           vation levels, or away from slide  
5           prone areas;

6           “(ii) stabilizing slide areas  
7           or slopes;

8           “(jj) installing riprap;

9           “(kk) lengthening or raising  
10          bridges to increase waterway  
11          openings, including to respond to  
12          extreme weather;

13          “(ll) increasing the size or  
14          number of drainage structures;

15          “(mm) installing seismic ret-  
16          rofits on bridges;

17          “(nn) adding scour protec-  
18          tion at bridges;

19          “(oo) adding scour, stream  
20          stability, coastal, and other hy-  
21          draulic countermeasures, includ-  
22          ing spur dikes;

23          “(pp) vegetation manage-  
24          ment practices in transportation  
25          rights-of-way to improve roadway

1 safety, prevent against invasive  
2 species, facilitate wildfire control,  
3 and provide erosion control; and

4 “(qq) any other protective  
5 features, including natural infra-  
6 structure, as determined by the  
7 Secretary.

8 “(iii) PRIORITY.—The Secretary shall  
9 prioritize a resilience improvement grant to  
10 an eligible entity if—

11 “(I) the Secretary determines—

12 “(aa) the benefits of the eli-  
13 gible activity proposed to be car-  
14 ried out by the eligible entity ex-  
15 ceed the costs of the activity; and

16 “(bb) there is a need to ad-  
17 dress the vulnerabilities of sur-  
18 face transportation assets of the  
19 eligible entity with a high risk of,  
20 and impacts associated with, fail-  
21 ure due to the impacts of weath-  
22 er events, natural disasters, or  
23 changing conditions, such as sea  
24 level rise, wildfires, and increased  
25 flood risk; or

1           “(II) the eligible activity pro-  
2           posed to be carried out by the eligible  
3           entity is included in the applicable re-  
4           silience improvement plan under sub-  
5           section (e)(2).

6           “(B) COMMUNITY RESILIENCE AND EVAC-  
7           UATION ROUTE GRANTS.—

8           “(i) IN GENERAL.—Using funds made  
9           available under this subsection, the Sec-  
10          retary shall provide community resilience  
11          and evacuation route grants to eligible en-  
12          tities to carry out 1 or more eligible activi-  
13          ties under clause (ii).

14          “(ii) ELIGIBLE ACTIVITIES.—An eligi-  
15          ble entity may use a community resilience  
16          and evacuation route grant under this sub-  
17          paragraph for 1 or more projects that  
18          strengthen and protect evacuation routes  
19          that are essential for providing and sup-  
20          porting evacuations caused by emergency  
21          events, including a project that—

22                  “(I) is an eligible activity under  
23                  subparagraph (A)(ii), if that eligible  
24                  activity will improve an evacuation  
25                  route;

1                   “(II) ensures the ability of the  
2 evacuation route to provide safe pas-  
3 sage during an evacuation and re-  
4 duces the risk of damage to evacu-  
5 ation routes as a result of future  
6 emergency events, including restoring  
7 or replacing existing evacuation routes  
8 that are in poor condition or not de-  
9 signed to meet the anticipated de-  
10 mand during an emergency event, and  
11 including steps to protect routes from  
12 mud, rock, or other debris slides;

13                   “(III) if the eligible entity noti-  
14 fies the Secretary that existing evacu-  
15 ation routes are not sufficient to ade-  
16 quately facilitate evacuations, includ-  
17 ing the transportation of emergency  
18 responders and recovery resources, ex-  
19 pands the capacity of evacuation  
20 routes to swiftly and safely accommo-  
21 date evacuations, including installa-  
22 tion of—

23                   “(aa) communications and  
24 intelligent transportation system  
25 equipment and infrastructure;

1 “(bb) counterflow measures;

2 or

3 “(cc) shoulders;

4 “(IV) is for the construction of  
5 new or redundant evacuation routes,  
6 if the eligible entity notifies the Sec-  
7 retary that existing evacuation routes  
8 are not sufficient to adequately facili-  
9 tate evacuations, including the trans-  
10 portation of emergency responders  
11 and recovery resources;

12 “(V) is for the acquisition of  
13 evacuation route or traffic incident  
14 management equipment or signage; or

15 “(VI) will ensure access or serv-  
16 ice to critical destinations, including  
17 hospitals and other medical or emer-  
18 gency service facilities, major employ-  
19 ers, critical manufacturing centers,  
20 ports and intermodal facilities, utili-  
21 ties, and Federal facilities.

22 “(iii) PRIORITY.—The Secretary shall  
23 prioritize community resilience and evacu-  
24 ation route grants under this subpara-  
25 graph for eligible activities that are cost-ef-

1           fective, as determined by the Secretary,  
2           taking into account—

3                   “(I)     current     and     future  
4                   vulnerabilities to an evacuation route  
5                   due to future occurrence or recurrence  
6                   of emergency events that are likely to  
7                   occur in the geographic area in which  
8                   the evacuation route is located; and

9                   “(II) projected changes in devel-  
10                  opment patterns, demographics, and  
11                  extreme weather events based on the  
12                  best available evidence and analysis.

13               “(iv) CONSULTATION.—In providing  
14               grants for community resilience and evacu-  
15               ation routes under this subparagraph, the  
16               Secretary may consult with the Adminis-  
17               trator of the Federal Emergency Manage-  
18               ment Agency, who may provide technical  
19               assistance to the Secretary and to eligible  
20               entities.

21               “(C) AT-RISK COASTAL INFRASTRUCTURE  
22               GRANTS.—

23                   “(i) DEFINITION OF ELIGIBLE ENTI-  
24                   TY.—In this subparagraph, the term ‘eligi-  
25                   ble entity’ means any of the following:

1           “(I) A State (including the  
2 United States Virgin Islands, Guam,  
3 American Samoa, and the Common-  
4 wealth of the Northern Mariana Is-  
5 lands) in, or bordering on, the Atlan-  
6 tic, Pacific, or Arctic Ocean, the Gulf  
7 of Mexico, Long Island Sound, or 1 or  
8 more of the Great Lakes.

9           “(II) A political subdivision of a  
10 State described in subclause (I).

11           “(III) A metropolitan planning  
12 organization in a State described in  
13 subclause (I).

14           “(IV) A unit of local government  
15 in a State described in subclause (I).

16           “(V) A special purpose district or  
17 public authority with a transportation  
18 function, including a port authority,  
19 in a State described in subclause (I).

20           “(VI) An Indian tribe in a State  
21 described in subclause (I).

22           “(VII) A Federal land manage-  
23 ment agency that applies jointly with  
24 a State or group of States described  
25 in subclause (I).



1                   “(VIII) A multi-State or multi-  
2                   jurisdictional group of entities de-  
3                   scribed in subclauses (I) through  
4                   (VII).

5                   “(ii) GRANTS.—Using funds made  
6                   available under this subsection, the Sec-  
7                   retary shall provide at-risk coastal infra-  
8                   structure grants to eligible entities to carry  
9                   out 1 or more eligible activities under  
10                  clause (iii).

11                  “(iii) ELIGIBLE ACTIVITIES.—An eli-  
12                  gible entity may use an at-risk coastal in-  
13                  frastructure grant under this subpara-  
14                  graph for strengthening, stabilizing, hard-  
15                  ening, elevating, relocating, or otherwise  
16                  enhancing the resilience of highway and  
17                  non-rail infrastructure, including bridges,  
18                  roads, pedestrian walkways, and bicycle  
19                  lanes, and associated infrastructure, such  
20                  as culverts and tide gates to protect high-  
21                  ways, that are subject to, or face increased  
22                  long-term future risks of, a weather event,  
23                  a natural disaster, or changing conditions,  
24                  including coastal flooding, coastal erosion,  
25                  wave action, storm surge, or sea level rise,

1 in order to improve transportation and  
2 public safety and to reduce costs by avoid-  
3 ing larger future maintenance or rebuild-  
4 ing costs.

5 “(iv) CRITERIA.—The Secretary shall  
6 provide at-risk coastal infrastructure  
7 grants under this subparagraph for a  
8 project—

9 “(I) that addresses the risks  
10 from a current or future weather  
11 event or natural disaster, including  
12 coastal flooding, coastal erosion, wave  
13 action, storm surge, or sea level  
14 change; and

15 “(II) that reduces long-term in-  
16 frastructure costs by avoiding larger  
17 future maintenance or rebuilding  
18 costs.

19 “(v) COASTAL BENEFITS.—In addi-  
20 tion to the criteria under clause (iv), for  
21 the purpose of providing at-risk coastal in-  
22 frastructure grants under this subpara-  
23 graph, the Secretary shall evaluate the ex-  
24 tent to which a project will provide—

1                   “(I) access to coastal homes,  
2                   businesses, communities, and other  
3                   critical infrastructure, including ac-  
4                   cess by first responders and other  
5                   emergency personnel; or

6                   “(II) access to a designated evac-  
7                   uation route.

8                   “(5) GRANT REQUIREMENTS.—

9                   “(A) SOLICITATIONS FOR GRANTS.—In  
10                  providing grants under this subsection, the Sec-  
11                  retary shall conduct a transparent and competi-  
12                  tive national solicitation process to select eligi-  
13                  ble projects to receive grants under paragraph  
14                  (3) and subparagraphs (A), (B), and (C) of  
15                  paragraph (4).

16                  “(B) APPLICATIONS.—

17                  “(i) IN GENERAL.—To be eligible to  
18                  receive a grant under paragraph (3) or  
19                  subparagraph (A), (B), or (C) of para-  
20                  graph (4), an eligible entity shall submit to  
21                  the Secretary an application in such form,  
22                  at such time, and containing such informa-  
23                  tion as the Secretary determines to be nec-  
24                  essary.

1 “(ii) PROJECTS IN CERTAIN AREAS.—

2 If a project is proposed to be carried out  
3 by the eligible entity, in whole or in part,  
4 within a base floodplain, the eligible entity  
5 shall—

6 “(I) as part of the application,  
7 identify the floodplain in which the  
8 project is to be located and disclose  
9 that information to the Secretary; and

10 “(II) indicate in the application  
11 whether, if selected, the eligible entity  
12 will implement 1 or more components  
13 of the risk mitigation plan under sec-  
14 tion 322 of the Robert T. Stafford  
15 Disaster Relief and Emergency Assist-  
16 ance Act (42 U.S.C. 5165) with re-  
17 spect to the area.

18 “(C) ELIGIBILITIES.—The Secretary may  
19 make a grant under paragraph (3) or subpara-  
20 graph (A), (B), or (C) of paragraph (4) only  
21 for—

22 “(i) a highway project eligible for as-  
23 sistance under this title;

1 “(ii) a public transportation facility or  
2 service eligible for assistance under chapter  
3 53 of title 49;

4 “(iii) a facility or service for intercity  
5 rail passenger transportation (as defined in  
6 section 24102 of title 49); or

7 “(iv) a port facility, including a facil-  
8 ity that—

9 “(I) connects a port to other  
10 modes of transportation;

11 “(II) improves the efficiency of  
12 evacuations and disaster relief; or

13 “(III) aids transportation.

14 “(D) SYSTEM RESILIENCE.—A project for  
15 which a grant is provided under paragraph (3)  
16 or subparagraph (A), (B), or (C) of paragraph  
17 (4) may include the use of natural infrastruc-  
18 ture or the construction or modification of  
19 storm surge, flood protection, or aquatic eco-  
20 system restoration elements that the Secretary  
21 determines are functionally connected to a  
22 transportation improvement, such as—

23 “(i) increasing marsh health and total  
24 area adjacent to a highway right-of-way to  
25 promote additional flood storage;

1 “(ii) upgrades to and installing of cul-  
2 verts designed to withstand 100-year flood  
3 events;

4 “(iii) upgrades to and installation of  
5 tide gates to protect highways; and

6 “(iv) upgrades to and installation of  
7 flood gates to protect tunnel entrances.

8 “(E) FEDERAL COST SHARE.—

9 “(i) PLANNING GRANT.—The Federal  
10 share of the cost of a planning activity car-  
11 ried out using a planning grant under  
12 paragraph (3) shall be 100 percent.

13 “(ii) RESILIENCE GRANTS.—

14 “(I) IN GENERAL.—Except as  
15 provided in subclause (II) and sub-  
16 section (e)(1), the Federal share of  
17 the cost of a project carried out using  
18 a grant under subparagraph (A), (B),  
19 or (C) of paragraph (4) shall not ex-  
20 ceed 80 percent of the total project  
21 cost.

22 “(II) TRIBAL PROJECTS.—On  
23 the determination of the Secretary,  
24 the Federal share of the cost of a  
25 project carried out using a grant

1 under subparagraph (A), (B), or (C)  
2 of paragraph (4) by an Indian tribe  
3 (as defined in section 207(m)(1)) may  
4 be up to 100 percent.

5 “(iii) NON-FEDERAL SHARE.—The eli-  
6 gible entity may use Federal funds other  
7 than Federal funds provided under this  
8 subsection to meet the non-Federal cost  
9 share requirement for a project carried out  
10 with a grant under this subsection.

11 “(F) ELIGIBLE PROJECT COSTS.—

12 “(i) RESILIENCE GRANT PROJECTS.—  
13 Eligible project costs for activities funded  
14 with a grant under subparagraph (A), (B),  
15 or (C) of paragraph (4) may include the  
16 costs of—

17 “(I) development phase activities,  
18 including planning, feasibility anal-  
19 ysis, revenue forecasting, environ-  
20 mental review, preliminary engineer-  
21 ing and design work, and other  
22 preconstruction activities; and

23 “(II) construction, reconstruc-  
24 tion, rehabilitation, and acquisition of  
25 real property (including land related

1 to the project and improvements to  
2 land), environmental mitigation, con-  
3 struction contingencies, acquisition of  
4 equipment directly related to improv-  
5 ing system performance, and oper-  
6 ational improvements.

7 “(ii) PLANNING GRANTS.—Eligible  
8 project costs for activities funded with a  
9 grant under paragraph (3) may include the  
10 costs of development phase activities, in-  
11 cluding planning, feasibility analysis, rev-  
12 enue forecasting, environmental review,  
13 preliminary engineering and design work,  
14 other preconstruction activities, and other  
15 activities consistent with carrying out the  
16 purposes of that paragraph.

17 “(G) LIMITATIONS.—

18 “(i) IN GENERAL.—An eligible entity  
19 that receives a grant under subparagraph  
20 (A), (B), or (C) of paragraph (4)—

21 “(I) may use not more than 40  
22 percent of the amount of the grant for  
23 the construction of new capacity; and

24 “(II) may use not more than 10  
25 percent of the amount of the grant for



1 activities described in subparagraph  
2 (F)(i)(I).

3 “(ii) LIMIT ON CERTAIN ACTIVITIES.—For each fiscal year, not more than  
4 25 percent of the total amount provided  
5 under this subsection may be used for  
6 projects described in subparagraph (C)(iii).

7  
8 “(H) DISTRIBUTION OF GRANTS.—

9 “(i) IN GENERAL.—Subject to the  
10 availability of funds, an eligible entity may  
11 request and the Secretary may distribute  
12 funds for a grant under this subsection on  
13 a multiyear basis, as the Secretary deter-  
14 mines to be necessary.

15 “(ii) RURAL SET-ASIDE.—Of the  
16 amounts made available to carry out this  
17 subsection for each fiscal year, the Sec-  
18 retary shall use not less than 25 percent  
19 for grants for projects located in areas  
20 that are outside an urbanized area with a  
21 population of over 200,000.

22 “(iii) TRIBAL SET-ASIDE.—Of the  
23 amounts made available to carry out this  
24 subsection for each fiscal year, the Sec-  
25 retary shall use not less than 2 percent for

1 grants to Indian tribes (as defined in sec-  
2 tion 207(m)(1)).

3 “(iv) REALLOCATION.—For any fiscal  
4 year, if the Secretary determines that the  
5 amount described in clause (ii) or (iii) will  
6 not be fully utilized for the grant described  
7 in that clause, the Secretary may reallocate  
8 the unutilized funds to provide grants to  
9 other eligible entities under this subsection.

10 “(6) CONSULTATION.—In carrying out this sub-  
11 section, the Secretary shall—

12 “(A) consult with the Assistant Secretary  
13 of the Army for Civil Works, the Administrator  
14 of the Environmental Protection Agency, the  
15 Secretary of the Interior, and the Secretary of  
16 Commerce; and

17 “(B) solicit technical support from the Ad-  
18 ministrator of the Federal Emergency Manage-  
19 ment Agency.

20 “(7) GRANT ADMINISTRATION.—The Secretary  
21 may—

22 “(A) retain not more than a total of 5 per-  
23 cent of the funds made available to carry out  
24 this subsection and to review applications for  
25 grants under this subsection; and

1           “(B) transfer portions of the funds re-  
2           tained under subparagraph (A) to the relevant  
3           Administrators to fund the award and oversight  
4           of grants provided under this subsection.

5           “(e) RESILIENCE IMPROVEMENT PLAN AND LOWER  
6 NON-FEDERAL SHARE.—

7           “(1) FEDERAL SHARE REDUCTIONS.—

8           “(A) IN GENERAL.—A State that receives  
9           funds apportioned to the State under section  
10          104(b)(8) or an eligible entity that receives a  
11          grant under subsection (d) shall have the non-  
12          Federal share of a project carried out with the  
13          funds or grant, as applicable, reduced by an  
14          amount described in subparagraph (B) if the  
15          State or eligible entity meets the applicable re-  
16          quirements under that subparagraph.

17          “(B) AMOUNT OF REDUCTIONS.—

18          “(i) RESILIENCE IMPROVEMENT  
19          PLAN.—Subject to clause (iii), the amount  
20          of the non-Federal share of the costs of a  
21          project carried out with funds apportioned  
22          to a State under section 104(b)(8) or a  
23          grant under subsection (d) shall be re-  
24          duced by 7 percentage points if—

1           “(I) in the case of a State or an  
2 eligible entity that is a State or a  
3 metropolitan planning organization,  
4 the State or eligible entity has—

5                   “(aa) developed a resilience  
6 improvement plan in accordance  
7 with this subsection; and

8                   “(bb) prioritized the project  
9 on that resilience improvement  
10 plan; and

11           “(II) in the case of an eligible en-  
12 tity not described in subclause (I), the  
13 eligible entity is located in a State or  
14 an area served by a metropolitan  
15 planning organization that has—

16                   “(aa) developed a resilience  
17 improvement plan in accordance  
18 with this subsection; and

19                   “(bb) prioritized the project  
20 on that resilience improvement  
21 plan.

22           “(ii) INCORPORATION OF RESILIENCE  
23 IMPROVEMENT PLAN IN OTHER PLAN-  
24 NING.—Subject to clause (iii), the amount  
25 of the non-Federal share of the cost of a

1 project carried out with funds under sub-  
2 section (c) or a grant under subsection (d)  
3 shall be reduced by 3 percentage points  
4 if—

5 “(I) in the case of a State or an  
6 eligible entity that is a State or a  
7 metropolitan planning organization,  
8 the resilience improvement plan devel-  
9 oped in accordance with this sub-  
10 section has been incorporated into the  
11 metropolitan transportation plan  
12 under section 134 or the long-range  
13 statewide transportation plan under  
14 section 135, as applicable; and

15 “(II) in the case of an eligible en-  
16 tity not described in subclause (I), the  
17 eligible entity is located in a State or  
18 an area served by a metropolitan  
19 planning organization that incor-  
20 porated a resilience improvement plan  
21 into the metropolitan transportation  
22 plan under section 134 or the long-  
23 range statewide transportation plan  
24 under section 135, as applicable.

25 “(iii) LIMITATIONS.—

1                   “(I) MAXIMUM REDUCTION.—A  
2                   State or eligible entity may not receive  
3                   a reduction under this paragraph of  
4                   more than 10 percentage points for  
5                   any single project carried out with  
6                   funds under subsection (c) or a grant  
7                   under subsection (d).

8                   “(II) NO NEGATIVE NON-FED-  
9                   ERAL SHARE.—A reduction under this  
10                  paragraph shall not reduce the non-  
11                  Federal share of the costs of a project  
12                  carried out with funds under sub-  
13                  section (c) or a grant under sub-  
14                  section (d) to an amount that is less  
15                  than zero.

16                  “(2) PLAN CONTENTS.—A resilience improve-  
17                  ment plan referred to in paragraph (1)—

18                  “(A) shall be for the immediate and long-  
19                  range planning activities and investments of the  
20                  State or metropolitan planning organization  
21                  with respect to resilience of the surface trans-  
22                  portation system within the boundaries of the  
23                  State or metropolitan planning organization, as  
24                  applicable;

1           “(B) shall demonstrate a systemic ap-  
2           proach to surface transportation system resil-  
3           ience and be consistent with and complementary  
4           of the State and local mitigation plans required  
5           under section 322 of the Robert T. Stafford  
6           Disaster Relief and Emergency Assistance Act  
7           (42 U.S.C. 5165);

8           “(C) shall include a risk-based assessment  
9           of vulnerabilities of transportation assets and  
10          systems to current and future weather events  
11          and natural disasters, such as severe storms,  
12          flooding, drought, levee and dam failures, wild-  
13          fire, rockslides, mudslides, sea level rise, ex-  
14          treme weather, including extreme temperatures,  
15          and earthquakes;

16          “(D) may—

17                 “(i) designate evacuation routes and  
18                 strategies, including multimodal facilities,  
19                 designated with consideration for individ-  
20                 uals without access to personal vehicles;

21                 “(ii) plan for response to anticipated  
22                 emergencies, including plans for the mobil-  
23                 ity of—

24                         “(I) emergency response per-  
25                         sonnel and equipment; and

1                   “(II) access to emergency serv-  
2                   ices, including for vulnerable or dis-  
3                   advantaged populations;

4                   “(iii) describe the resilience improve-  
5                   ment policies, including strategies, land-use  
6                   and zoning changes, investments in natural  
7                   infrastructure, or performance measures  
8                   that will inform the transportation invest-  
9                   ment decisions of the State or metropolitan  
10                  planning organization with the goal of in-  
11                  creasing resilience;

12                  “(iv) include an investment plan  
13                  that—

14                         “(I) includes a list of priority  
15                         projects; and

16                         “(II) describes how funds appor-  
17                         tioned to the State under section  
18                         104(b)(8) or provided by a grant  
19                         under the program would be invested  
20                         and matched, which shall not be sub-  
21                         ject to fiscal constraint requirements;  
22                         and

23                         “(v) use science and data and indicate  
24                         the source of data and methodologies; and

25                         “(E) shall, as appropriate—



1           “(i) include a description of how the  
2 plan will improve the ability of the State or  
3 metropolitan planning organization—

4                   “(I) to respond promptly to the  
5 impacts of weather events and natural  
6 disasters; and

7                   “(II) to be prepared for changing  
8 conditions, such as sea level rise and  
9 increased flood risk;

10           “(ii) describe the codes, standards,  
11 and regulatory framework, if any, adopted  
12 and enforced to ensure resilience improve-  
13 ments within the impacted area of pro-  
14 posed projects included in the resilience  
15 improvement plan;

16           “(iii) consider the benefits of com-  
17 bining hard surface transportation assets,  
18 and natural infrastructure, through coordi-  
19 nated efforts by the Federal Government  
20 and the States;

21           “(iv) assess the resilience of other  
22 community assets, including buildings and  
23 housing, emergency management assets,  
24 and energy, water, and communication in-  
25 frastructure;

1 “(v) use a long-term planning period;

2 and

3 “(vi) include such other information

4 as the State or metropolitan planning or-

5 ganization considers appropriate.

6 “(3) NO NEW PLANNING REQUIREMENTS.—

7 Nothing in this section requires a metropolitan plan-

8 ning organization or a State to develop a resilience

9 improvement plan or to include a resilience improve-

10 ment plan under the metropolitan transportation

11 plan under section 134 or the long-range statewide

12 transportation plan under section 135, as applicable,

13 of the metropolitan planning organization or State.

14 “(f) MONITORING.—

15 “(1) IN GENERAL.—Not later than 18 months

16 after the date of enactment of this section, the Sec-

17 retary shall—

18 “(A) establish, for the purpose of evalu-

19 ating the effectiveness and impacts of projects

20 carried out with a grant under subsection (d)—

21 “(i) subject to paragraph (2), trans-

22 portation and any other metrics as the

23 Secretary determines to be necessary; and

1                   “(ii) procedures for monitoring and  
2                   evaluating projects based on those metrics;  
3                   and

4                   “(B) select a representative sample of  
5                   projects to evaluate based on the metrics and  
6                   procedures established under subparagraph (A).

7                   “(2) NOTICE.—Before adopting any metrics de-  
8                   scribed in paragraph (1), the Secretary shall—

9                   “(A) publish the proposed metrics in the  
10                  Federal Register; and

11                  “(B) provide to the public an opportunity  
12                  for comment on the proposed metrics.

13                  “(g) REPORTS.—

14                  “(1) REPORTS FROM ELIGIBLE ENTITIES.—Not  
15                  later than 1 year after the date on which a project  
16                  carried out with a grant under subsection (d) is  
17                  completed, the eligible entity that carried out the  
18                  project shall submit to the Secretary a report on the  
19                  results of the project and the use of the funds  
20                  awarded.

21                  “(2) REPORTS TO CONGRESS.—

22                  “(A) ANNUAL REPORTS.—The Secretary  
23                  shall submit to the Committee on Environment  
24                  and Public Works of the Senate and the Com-  
25                  mittee on Transportation and Infrastructure of

1 the House of Representatives, and publish on  
2 the website of the Department of Transpor-  
3 tation, an annual report that describes the im-  
4 plementation of the program during the pre-  
5 ceeding calendar year, including—

6 “(i) each project for which a grant  
7 was provided under subsection (d);

8 “(ii) information relating to project  
9 applications received;

10 “(iii) the manner in which the con-  
11 sultation requirements were implemented  
12 under subsection (d);

13 “(iv) recommendations to improve the  
14 administration of subsection (d), including  
15 whether assistance from additional or  
16 fewer agencies to carry out the program is  
17 appropriate;

18 “(v) the period required to disburse  
19 grant funds to eligible entities based on  
20 applicable Federal coordination require-  
21 ments; and

22 “(vi) a list of facilities that repeatedly  
23 require repair or reconstruction due to  
24 emergency events.

1           “(B) FINAL REPORT.—Not later than 5  
 2           years after the date of enactment of the Surface  
 3           Transportation Reauthorization Act of 2021,  
 4           the Secretary shall submit to Congress a report  
 5           that includes the results of the reports sub-  
 6           mitted under subparagraph (A).”.

7           (b) CLERICAL AMENDMENT.—The analysis for chap-  
 8           ter 1 of title 23, United States Code (as amended by sec-  
 9           tion 1403(b)), is amended by inserting after the item re-  
 10          lating to section 175 the following:

          “176. Promoting Resilient Operations for Transformative, Efficient, and Cost-  
           saving Transportation (PROTECT) program.”.

11 **SEC. 1407. HEALTHY STREETS PROGRAM.**

12          (a) DEFINITIONS.—In this section:

13           (1) COMMUNITY OF COLOR.—The term “com-  
 14           munity of color” means, in a State, a census block  
 15           group for which the aggregate percentage of resi-  
 16           dents who identify as Black, African-American,  
 17           American Indian, Alaska Native, Native Hawaiian,  
 18           Asian, Pacific Islander, Hispanic, Latino, other  
 19           nonwhite race, or linguistically isolated is—

20                   (A) not less than 50 percent; or

21                   (B) significantly higher, as determined by  
 22           the Secretary, than the State average.

23           (2) COOL PAVEMENT.—The term “cool pave-  
 24           ment” means a pavement with reflective surfaces

1 with higher albedo to decrease the surface tempera-  
2 ture of that pavement.

3 (3) ELIGIBLE ENTITY.—The term “eligible enti-  
4 ty” means—

5 (A) a State;

6 (B) a metropolitan planning organization;

7 (C) a unit of local government;

8 (D) a Tribal government; and

9 (E) a nonprofit organization working in co-  
10 ordination with an entity described in subpara-  
11 graphs (A) through (D).

12 (4) LOW-INCOME COMMUNITY.—The term “low-  
13 income community” means a census block group in  
14 which not less than 30 percent of the population  
15 lives below the poverty line (as defined in section  
16 673 of the Community Services Block Grant Act (42  
17 U.S.C. 9902)).

18 (5) POROUS PAVEMENT.—The term “porous  
19 pavement” means a paved surface with a higher  
20 than normal percentage of air voids to allow water  
21 to pass through the surface and infiltrate into the  
22 subsoil.

23 (6) PROGRAM.—The term “program” means  
24 the Healthy Streets program established under sub-  
25 section (b).

1           (7) STATE.—The term “State” has the mean-  
2           ing given the term in section 101(a) of title 23,  
3           United States Code.

4           (8) TRIBAL GOVERNMENT.—The term “Tribal  
5           government” means the recognized governing body  
6           of any Indian or Alaska Native tribe, band, nation,  
7           pueblo, village, community, component band, or com-  
8           ponent reservation, individually identified (including  
9           parenthetically) in the list published most recently as  
10          of the date of enactment of this Act pursuant to sec-  
11          tion 104 of the Federally Recognized Indian Tribe  
12          List Act of 1994 (25 U.S.C. 5131).

13          (b) ESTABLISHMENT.—The Secretary shall establish  
14          a discretionary grant program, to be known as the  
15          “Healthy Streets program”, to provide grants to eligible  
16          entities—

17                (1) to deploy cool pavements and porous pave-  
18                ments; and

19                (2) to expand tree cover.

20          (c) GOALS.—The goals of the program are—

21                (1) to mitigate urban heat islands;

22                (2) to improve air quality; and

23                (3) to reduce—

24                    (A) the extent of impervious surfaces;

25                    (B) stormwater runoff and flood risks; and

1 (C) heat impacts to infrastructure and  
2 road users.

3 (d) APPLICATION.—

4 (1) IN GENERAL.—To be eligible to receive a  
5 grant under the program, an eligible entity shall  
6 submit to the Secretary an application at such time,  
7 in such manner, and containing such information as  
8 the Secretary may require.

9 (2) REQUIREMENTS.—The application sub-  
10 mitted by an eligible entity under paragraph (1)  
11 shall include a description of—

12 (A) how the eligible entity would use the  
13 grant funds; and

14 (B) the contribution that the projects in-  
15 tended to be carried out with grant funds would  
16 make to improving the safety, health outcomes,  
17 natural environment, and quality of life in low-  
18 income communities and communities of color.

19 (e) USE OF FUNDS.—An eligible entity that receives  
20 a grant under the program may use the grant funds for  
21 1 or more of the following activities:

22 (1) Conducting an assessment of urban heat is-  
23 lands to identify hot spot areas of extreme heat or  
24 elevated air pollution.



1           (2) Conducting a comprehensive tree canopy as-  
2           sessment, which shall assess the current tree loca-  
3           tions and canopy, including—

4                   (A) an inventory of the location, species,  
5                   condition, and health of existing tree canopies  
6                   and trees on public facilities; and

7                   (B) an identification of—

8                           (i) the locations where trees need to  
9                           be replaced;

10                           (ii) empty tree boxes or other loca-  
11                           tions where trees could be added; and

12                           (iii) flood-prone locations where trees  
13                           or other natural infrastructure could miti-  
14                           gate flooding.

15           (3) Conducting an equity assessment by map-  
16           ping tree canopy gaps, flood-prone locations, and  
17           urban heat island hot spots as compared to—

18                   (A) pedestrian walkways and public trans-  
19                   portation stop locations;

20                   (B) low-income communities; and

21                   (C) communities of color.

22           (4) Planning activities, including developing an  
23           investment plan based on the results of the assess-  
24           ments carried out under paragraphs (1), (2), and  
25           (3).

1           (5) Purchasing and deploying cool pavements to  
2 mitigate urban heat island hot spots.

3           (6) Purchasing and deploying porous pavement  
4 to mitigate flooding and stormwater runoff in—

5                 (A) pedestrian-only areas; and

6                 (B) areas of low-volume, low-speed vehic-  
7 ular use.

8           (7) Purchasing of trees, site preparation, plant-  
9 ing of trees, ongoing maintenance and monitoring of  
10 trees, and repairing of storm damage to trees, with  
11 priority given to—

12                 (A) to the extent practicable, the planting  
13 of native species; and

14                 (B) projects located in a neighborhood with  
15 lower tree cover or higher maximum daytime  
16 summer temperatures compared to surrounding  
17 neighborhoods.

18           (8) Assessing underground infrastructure and  
19 coordinating with local transportation and utility  
20 providers.

21           (9) Hiring staff to conduct any of the activities  
22 described in paragraphs (1) through (8).

23           (f) PRIORITY.—In awarding grants to eligible entities  
24 under the program, the Secretary shall give priority to an  
25 eligible entity—

1           (1) proposing to carry out an activity or project  
2           in a low-income community or a community of color;

3           (2) that has entered into a community benefits  
4           agreement with representatives of the community; or

5           (3) that is partnering with a qualified youth or  
6           conservation corps (as defined in section 203 of the  
7           Public Lands Corps Act of 1993 (16 U.S.C. 1722)).

8           (g) DISTRIBUTION REQUIREMENT.—Of the amounts  
9           made available to carry out the program for each fiscal  
10          year, not less than 80 percent shall be provided for  
11          projects in urbanized areas (as defined in section 101(a)  
12          of title 23, United States Code).

13          (h) FEDERAL SHARE.—

14           (1) IN GENERAL.—Except as provided under  
15           paragraph (2), the Federal share of the cost of a  
16           project carried out under the program shall be 80  
17           percent.

18           (2) WAIVER.—The Secretary may increase the  
19           Federal share requirement under paragraph (1) to  
20           100 percent for projects carried out by an eligible  
21           entity that demonstrates economic hardship, as de-  
22           termined by the Secretary.

23          (i) MAXIMUM GRANT AMOUNT.—An individual grant  
24          under this section shall not exceed \$15,000,000.

1           **Subtitle E—Miscellaneous**

2   **SEC. 1501. ADDITIONAL DEPOSITS INTO HIGHWAY TRUST**  
3           **FUND.**

4           (a) IN GENERAL.—Section 105 of title 23, United  
5 States Code, is repealed.

6           (b) CLERICAL AMENDMENT.—The analysis for chap-  
7 ter 1 of title 23, United States Code, is amended by strik-  
8 ing the item relating to section 105.

9   **SEC. 1502. STOPPING THREATS ON PEDESTRIANS.**

10          (a) DEFINITION OF BOLLARD INSTALLATION  
11 PROJECT.—In this section, the term “bollard installation  
12 project” means a project to install raised concrete or metal  
13 posts on a sidewalk adjacent to a roadway that are de-  
14 signed to slow or stop a motor vehicle.

15          (b) ESTABLISHMENT.—Not later than 1 year after  
16 the date of enactment of this Act and subject to the avail-  
17 ability of appropriations, the Secretary shall establish and  
18 carry out a competitive grant pilot program to provide as-  
19 sistance to State departments of transportation and local  
20 government entities for bollard installation projects de-  
21 signed to prevent pedestrian injuries and acts of terrorism  
22 in areas used by large numbers of pedestrians.

23          (c) APPLICATION.—To be eligible to receive a grant  
24 under this section, a State department of transportation  
25 or local government entity shall submit to the Secretary

1 an application at such time, in such form, and containing  
2 such information as the Secretary determines to be appro-  
3 priate, which shall include, at a minimum—

4 (1) a description of the proposed bollard instal-  
5 lation project to be carried out;

6 (2) a description of the pedestrian injury or ter-  
7 rorism risks with respect to the proposed installation  
8 area; and

9 (3) an analysis of how the proposed bollard in-  
10 stallation project will mitigate those risks.

11 (d) USE OF FUNDS.—A recipient of a grant under  
12 this section may only use the grant funds for a bollard  
13 installation project.

14 (e) FEDERAL SHARE.—The Federal share of the  
15 costs of a bollard installation project carried out with a  
16 grant under this section may be up to 100 percent.

17 (f) AUTHORIZATION OF APPROPRIATIONS.—There is  
18 authorized to be appropriated to the Secretary to carry  
19 out this section \$5,000,000 for each of fiscal years 2022  
20 through 2026.

21 **SEC. 1503. TRANSFER AND SALE OF TOLL CREDITS.**

22 (a) DEFINITIONS.—In this section:

23 (1) ORIGINATING STATE.—The term “origi-  
24 nating State” means a State that—

1 (A) is eligible to use a credit under section  
2 120(i) of title 23, United States Code; and

3 (B) has been selected by the Secretary  
4 under subsection (d)(2).

5 (2) PILOT PROGRAM.—The term “pilot pro-  
6 gram” means the pilot program established under  
7 subsection (b).

8 (3) RECIPIENT STATE.—The term “recipient  
9 State” means a State that receives a credit by trans-  
10 fer or by sale under this section from an originating  
11 State.

12 (4) STATE.—The term “State” has the mean-  
13 ing given the term in section 101(a) of title 23,  
14 United States Code.

15 (b) ESTABLISHMENT OF PILOT PROGRAM.—The Sec-  
16 retary shall establish and implement a toll credit exchange  
17 pilot program in accordance with this section.

18 (c) PURPOSES.—The purposes of the pilot program  
19 are—

20 (1) to identify the extent of the demand to pur-  
21 chase toll credits;

22 (2) to identify the cash price of toll credits  
23 through bilateral transactions between States;

24 (3) to analyze the impact of the purchase or  
25 sale of toll credits on transportation expenditures;

1           (4) to test the feasibility of expanding the pilot  
2 program to allow all States to participate on a per-  
3 manent basis; and

4           (5) to identify any other repercussions of the  
5 toll credit exchange.

6           (d) SELECTION OF ORIGINATING STATES.—

7           (1) APPLICATION.—In order to participate in  
8 the pilot program as an originating State, a State  
9 shall submit to the Secretary an application at such  
10 time, in such manner, and containing such informa-  
11 tion as the Secretary may require, including, at a  
12 minimum, such information as is required for the  
13 Secretary to verify—

14           (A) the amount of unused toll credits for  
15 which the State has submitted certification to  
16 the Secretary that are available to be sold or  
17 transferred under the pilot program, includ-  
18 ing—

19           (i) toll revenue generated and the  
20 sources of that revenue;

21           (ii) toll revenue used by public, quasi-  
22 public, and private agencies to build, im-  
23 prove, or maintain highways, bridges, or  
24 tunnels that serve the public purpose of  
25 interstate commerce; and

1                   (iii) an accounting of any Federal  
2                   funds used by the public, quasi-public, or  
3                   private agency to build, improve, or main-  
4                   tain the toll facility, to validate that the  
5                   credit has been reduced by a percentage  
6                   equal to the percentage of the total cost of  
7                   building, improving, or maintaining the fa-  
8                   cility that was derived from Federal funds;

9                   (B) the documentation of maintenance of  
10                  effort for toll credits earned by the originating  
11                  State; and

12                  (C) the accuracy of the accounting system  
13                  of the State to earn and track toll credits.

14                  (2) SELECTION.—Of the States that submit an  
15                  application under paragraph (1), the Secretary may  
16                  select not more than 10 States to be designated as  
17                  an originating State.

18                  (3) LIMITATION ON SALES.—At any time, the  
19                  Secretary may limit the amount of unused toll cred-  
20                  its that may be offered for sale under the pilot pro-  
21                  gram.

22                  (e) TRANSFER OR SALE OF CREDITS.—

23                  (1) IN GENERAL.—In carrying out the pilot  
24                  program, the Secretary shall provide that an origi-  
25                  nating State may transfer or sell to a recipient State



1 a credit not previously used by the originating State  
2 under section 120(i) of title 23, United States Code.

3 (2) WEBSITE SUPPORT.—The Secretary shall  
4 make available a publicly accessible website on which  
5 originating States shall post the amount of toll cred-  
6 its, verified under subsection (d)(1)(A), that are  
7 available for sale or transfer to a recipient State.

8 (3) BILATERAL TRANSACTIONS.—An origi-  
9 nating State and a recipient State may enter into a  
10 bilateral transaction to sell or transfer verified toll  
11 credits.

12 (4) NOTIFICATION.—Not later than 30 days  
13 after the date on which a credit is transferred or  
14 sold, the originating State and the recipient State  
15 shall jointly submit to the Secretary a written notifi-  
16 cation of the transfer or sale, including details on—

17 (A) the amount of toll credits that have  
18 been sold or transferred;

19 (B) the price paid or other value trans-  
20 ferred in exchange for the toll credits;

21 (C) the intended use by the recipient State  
22 of the toll credits, if known;

23 (D) the intended use by the originating  
24 State of the cash or other value transferred;

1           (E) an update on the toll credit balance of  
2           the originating State and the recipient State;  
3           and

4           (F) any other information about the trans-  
5           action that the Secretary may require.

6           (5) USE OF CREDITS BY TRANSFEREE OR PUR-  
7           CHASER.—A recipient State may use a credit re-  
8           ceived under paragraph (1) toward the non-Federal  
9           share requirement for any funds made available to  
10          carry out title 23 or chapter 53 of title 49, United  
11          States Code, in accordance with section 120(i) of  
12          title 23, United States Code.

13          (6) USE OF PROCEEDS FROM SALE OF CRED-  
14          ITS.—An originating State shall use the proceeds  
15          from the sale of a credit under paragraph (1) for the  
16          construction costs of any project in the originating  
17          State that is eligible under title 23, United States  
18          Code.

19          (f) REPORTING REQUIREMENTS.—

20           (1) INITIAL REPORT.—Not later than 1 year  
21           after the date on which the pilot program is estab-  
22           lished, the Secretary shall submit to the Committee  
23           on Environment and Public Works of the Senate  
24           and the Committee on Transportation and Infra-

1 structure of the House of Representatives a report  
2 on the progress of the pilot program.

3 (2) FINAL REPORT.—Not later than 3 years  
4 after the date on which the pilot program is estab-  
5 lished, the Secretary shall—

6 (A) submit to the Committee on Environ-  
7 ment and Public Works of the Senate and the  
8 Committee on Transportation and Infrastruc-  
9 ture of the House of Representatives a report  
10 that—

11 (i) determines whether a toll credit  
12 marketplace is viable and cost-effective;

13 (ii) describes the buying and selling  
14 activities under the pilot program;

15 (iii) describes the average sale price of  
16 toll credits;

17 (iv) determines whether the pilot pro-  
18 gram could be expanded to more States or  
19 all States or to non-State operators of toll  
20 facilities;

21 (v) provides updated information on  
22 the toll credit balance accumulated by each  
23 State; and

24 (vi) describes the list of projects that  
25 were assisted by the pilot program; and

1 (B) make the report under subparagraph  
2 (A) publicly available on the website of the De-  
3 partment.

4 (g) TERMINATION.—

5 (1) IN GENERAL.—The Secretary may termi-  
6 nate the pilot program or the participation of any  
7 State in the pilot program if the Secretary deter-  
8 mines that—

9 (A) the pilot program is not serving a pub-  
10 lic benefit; or

11 (B) it is not cost effective to carry out the  
12 pilot program.

13 (2) PROCEDURES.—The termination of the pilot  
14 program or the participation of a State in the pilot  
15 program shall be carried out consistent with Federal  
16 requirements for project closeout, adjustment, and  
17 continuing responsibilities.

18 **SEC. 1504. STUDY OF IMPACTS ON ROADS FROM SELF-DRIV-**  
19 **ING VEHICLES.**

20 (a) IN GENERAL.—Not later than 60 days after the  
21 date of enactment of this Act, the Secretary shall initiate  
22 a study on the existing and future impacts of self-driving  
23 vehicles to transportation infrastructure, mobility, the en-  
24 vironment, and safety, including impacts on—

1           (1) the Interstate System (as defined in section  
2           101(a) of title 23, United States Code);

3           (2) urban roads;

4           (3) rural roads;

5           (4) corridors with heavy traffic congestion;

6           (5) transportation systems optimization; and

7           (6) any other areas or issues relevant to oper-  
8           ations of the Federal Highway Administration that  
9           the Secretary determines to be appropriate.

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

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

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

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

23                       (A) the impacts that self-driving vehicles  
24                       will have on existing transportation infrastruc-

1           ture, such as signage and markings, traffic  
2           lights, and highway capacity and design;

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

5           (C) infrastructure improvement needs that  
6           may be necessary for transportation infrastruc-  
7           ture to accommodate self-driving vehicles;

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

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

13          (d) COORDINATION.—In carrying out the study under  
14          subsection (a), the Secretary shall consider and incor-  
15          porate relevant current and ongoing research of the De-  
16          partment.

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

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

24               (2) States and State departments of transpor-  
25               tation;

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

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

- 18 (1) the Committee on Environment and Public
- 19 Works of the Senate; and
- 20 (2) the Committee on Transportation and In-
- 21 frastructure of the House of Representatives.

22 **SEC. 1505. DISASTER RELIEF MOBILIZATION STUDY.**

23 (a) DEFINITION OF LOCAL COMMUNITY.—In this  
24 section, the term “local community” means—

- 25 (1) a unit of local government;

1           (2) a political subdivision of a State or local  
2 government;

3           (3) a metropolitan planning organization (as  
4 defined in section 134(b) of title 23, United States  
5 Code);

6           (4) a rural planning organization; or

7           (5) a Tribal government.

8 (b) STUDY.—

9           (1) IN GENERAL.—The Secretary shall carry  
10 out a study to determine the utility of incorporating  
11 the use of bicycles into the disaster preparedness  
12 and disaster response plans of local communities.

13           (2) REQUIREMENTS.—The study carried out  
14 under paragraph (1) shall include—

15           (A) a vulnerability assessment of the infra-  
16 structure in local communities as of the date of  
17 enactment of this Act that supports active  
18 transportation, including bicycling, walking, and  
19 personal mobility devices, with a particular  
20 focus on areas in local communities that—

21           (i) have low levels of vehicle owner-  
22 ship; and

23           (ii) lack sufficient active transpor-  
24 tation infrastructure routes to public  
25 transportation;



1 (B) an evaluation of whether disaster pre-  
2 paredness and disaster response plans should  
3 include the use of bicycles by first responders,  
4 emergency workers, and community organiza-  
5 tion representatives—

6 (i) during a mandatory or voluntary  
7 evacuation ordered by a Federal, State,  
8 Tribal, or local government entity—

9 (I) to notify residents of the need  
10 to evacuate;

11 (II) to evacuate individuals and  
12 goods; and

13 (III) to reach individuals who are  
14 in need of first aid and medical assist-  
15 ance; and

16 (ii) after a disaster or emergency de-  
17 clared by a Federal, State, Tribal, or local  
18 government entity—

19 (I) to participate in search and  
20 rescue activities;

21 (II) to carry commodities to be  
22 used for life-saving or life-sustaining  
23 purposes, including—

24 (aa) water;

25 (bb) food;

- 1 (cc) first aid and other med-  
2 ical supplies; and
- 3 (dd) power sources and elec-  
4 tric supplies, such as cell phones,  
5 radios, lights, and batteries;
- 6 (III) to reach individuals who are  
7 in need of the commodities described  
8 in subclause (II); and
- 9 (IV) to assist with other disaster  
10 relief tasks, as appropriate; and
- 11 (C) a review of training programs for first  
12 responders, emergency workers, and community  
13 organization representatives relating to—
- 14 (i) competent bicycle skills, including  
15 the use of cargo bicycles and electric bicy-  
16 cles, as applicable;
- 17 (ii) basic bicycle maintenance;
- 18 (iii) compliance with relevant traffic  
19 safety laws;
- 20 (iv) methods to use bicycles to carry  
21 out the activities described in clauses (i)  
22 and (ii) of subparagraph (2)(B); and
- 23 (v) exercises conducted for the pur-  
24 pose of—

- 1 (I) exercising the skills described  
2 in clause (i); and  
3 (II) maintaining bicycles and re-  
4 lated equipment.

5 (c) REPORT.—Not later than 2 years after the date  
6 of enactment of this Act, the Secretary shall submit to  
7 the Committee on Environment and Public Works of the  
8 Senate and the Committee on Transportation and Infra-  
9 structure of the House of Representatives a report that—

10 (1) describes the results of the study carried  
11 out under subsection (b); and

12 (2) provides recommendations, if any, relating  
13 to—

14 (A) the methods by which to incorporate  
15 bicycles into disaster preparedness and disaster  
16 response plans of local communities; and

17 (B) improvements to training programs de-  
18 scribed in subsection (b)(2)(C).

19 **SEC. 1506. APPALACHIAN REGIONAL COMMISSION.**

20 (a) DEFINITIONS.—Section 14102(a)(1) of title 40,  
21 United States Code, is amended—

22 (1) in subparagraph (G)—

23 (A) by inserting “Catawba,” after  
24 “Caldwell,”; and

1 (B) by inserting “Cleveland,” after  
2 “Clay,”;

3 (2) in subparagraph (J), by striking “and  
4 Spartanburg” and inserting “Spartanburg, and  
5 Union”; and

6 (3) in subparagraph (M), by inserting “, of  
7 which the counties of Brooke, Hancock, Marshall,  
8 and Ohio shall be considered to be located in the  
9 North Central subregion” after “West Virginia”.

10 (b) FUNCTIONS.—Section 14303(a) of title 40,  
11 United States Code, is amended—

12 (1) in paragraph (9), by striking “and” at the  
13 end;

14 (2) in paragraph (10), by striking the period at  
15 the end and inserting “; and”; and

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

17 “(11) support broadband access in the Appa-  
18 lachian region.”.

19 (c) CONGRESSIONAL NOTIFICATION.—

20 (1) IN GENERAL.—Subchapter II of chapter  
21 143 of subtitle IV of title 40, United States Code,  
22 is amended by adding at the end the following:

23 **“§ 14323. Congressional notification**

24 “(a) IN GENERAL.—In the case of a project described  
25 in subsection (b), the Appalachian Regional Commission

1 shall provide to the Committee on Transportation and In-  
2 frastructure of the House of Representatives and the Com-  
3 mittee on Environment and Public Works of the Senate  
4 notice of the award of a grant or other financial assistance  
5 not less than 3 full business days before awarding the  
6 grant or other financial assistance.

7 “(b) PROJECTS DESCRIBED.—A project referred to  
8 in subsection (a) is a project that the Appalachian Re-  
9 gional Commission has selected to receive a grant or other  
10 financial assistance under this subtitle in an amount not  
11 less than \$50,000.”.

12 (2) CLERICAL AMENDMENT.—The analysis for  
13 subchapter II of chapter 143 of subtitle IV of title  
14 40, United States Code, is amended by adding at  
15 the end the following:

“14323. Congressional notification.”.

16 (d) HIGH-SPEED BROADBAND DEPLOYMENT INITIA-  
17 TIVE.—Section 14509 of title 40, United States Code, is  
18 amended—

19 (1) by striking subsection (a) and inserting the  
20 following:

21 “(a) IN GENERAL.—The Appalachian Regional Com-  
22 mission may provide technical assistance, make grants,  
23 enter into contracts, or otherwise provide amounts to indi-  
24 viduals or entities in the Appalachian region for projects

1 and activities to increase affordable access to broadband  
2 networks throughout the Appalachian region.”;

3 (2) by redesignating subsections (b) through (d)  
4 as subsections (c) through (e), respectively;

5 (3) by inserting after subsection (a) the fol-  
6 lowing:

7 “(b) ELIGIBLE PROJECTS AND ACTIVITIES.—A  
8 project or activity eligible to be carried out under this sec-  
9 tion is a project or activity—

10 “(1) to conduct research, analysis, and training  
11 to increase broadband adoption efforts in the Appa-  
12 lachian region; or

13 “(2) for the construction and deployment of  
14 broadband service-related infrastructure in the Ap-  
15 palachian region.”;

16 (4) in subsection (d) (as so redesignated), in  
17 the matter preceding paragraph (1), by striking  
18 “subsection (b)” and inserting “subsection (c)”; and

19 (5) by adding at the end the following:

20 “(f) REQUEST FOR DATA.—Before making a grant  
21 for a project or activity described in subsection (b)(2), the  
22 Appalachian Regional Commission shall request from the  
23 Federal Communications Commission, the National Tele-  
24 communications and Information Administration, the Eco-

1 nomic Development Administration, and the Department  
2 of Agriculture data on—

3 “(1) the level and extent of broadband service  
4 that exists in the area proposed to be served by the  
5 broadband service-related infrastructure; and

6 “(2) the level and extent of broadband service  
7 that will be deployed in the area proposed to be  
8 served by the broadband service-related infrastruc-  
9 ture pursuant to another Federal program.

10 “(g) REQUIREMENT.—For each fiscal year, not less  
11 than 65 percent of the amounts made available to carry  
12 out this section shall be used for grants for projects and  
13 activities described in subsection (b)(2).”.

14 (e) APPALACHIAN REGIONAL ENERGY HUB INITIA-  
15 TIVE.—

16 (1) IN GENERAL.—Subchapter I of chapter 145  
17 of subtitle IV of title 40, United States Code, is  
18 amended by adding at the end the following:

19 “§ 14511. **Appalachian regional energy hub initiative**

20 “(a) IN GENERAL.—The Appalachian Regional Com-  
21 mission may provide technical assistance to, make grants  
22 to, enter into contracts with, or otherwise provide amounts  
23 to individuals or entities in the Appalachian region for  
24 projects and activities—

1           “(1) to conduct research and analysis regarding  
2           the economic impact of an ethane storage hub in the  
3           Appalachian region that supports a more-effective  
4           energy market performance due to the scale of the  
5           project, such as a project with the capacity to store  
6           and distribute more than 100,000 barrels per day of  
7           hydrocarbon feedstock with a minimum gross heat-  
8           ing value of 1,700 Btu per standard cubic foot;

9           “(2) with the potential to significantly con-  
10          tribute to the economic resilience of the area in  
11          which the project is located; and

12          “(3) that will help establish a regional energy  
13          hub in the Appalachian region for natural gas and  
14          natural gas liquids, including hydrogen produced  
15          from the steam methane reforming of natural gas  
16          feedstocks.

17          “(b) LIMITATION ON AVAILABLE AMOUNTS.—Of the  
18          cost of any project or activity eligible for a grant under  
19          this section—

20                 “(1) except as provided in paragraphs (2) and  
21                 (3), not more than 50 percent may be provided from  
22                 amounts made available to carry out this section;

23                 “(2) in the case of a project or activity to be  
24                 carried out in a county for which a distressed county  
25                 designation is in effect under section 14526, not



1 more than 80 percent may be provided from  
2 amounts made available to carry out this section;  
3 and

4 “(3) in the case of a project or activity to be  
5 carried out in a county for which an at-risk county  
6 designation is in effect under section 14526, not  
7 more than 70 percent may be provided from  
8 amounts made available to carry out this section.

9 “(c) SOURCES OF ASSISTANCE.—Subject to sub-  
10 section (b), a grant provided under this section may be  
11 provided from amounts made available to carry out this  
12 section, in combination with amounts made available—

13 “(1) under any other Federal program; or

14 “(2) from any other source.

15 “(d) FEDERAL SHARE.—Notwithstanding any provi-  
16 sion of law limiting the Federal share under any other  
17 Federal program, amounts made available to carry out  
18 this section may be used to increase that Federal share,  
19 as the Appalachian Regional Commission determines to be  
20 appropriate.”.

21 (2) CLERICAL AMENDMENT.—The analysis for  
22 subchapter I of chapter 145 of title 40, United  
23 States Code, is amended by adding at the end the  
24 following:

“14511. Appalachian regional energy hub initiative.”.

1 (f) AUTHORIZATION OF APPROPRIATIONS.—Section  
2 14703 of title 40, United States Code, is amended—

3 (1) in subsection (a)—

4 (A) in paragraph (4), by striking “and” at  
5 the end;

6 (B) in paragraph (5), by striking the pe-  
7 riod at the end and inserting “; and”; and

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

9 “(6) \$200,000,000 for each of fiscal years 2022  
10 through 2026.”;

11 (2) in subsection (c), by striking “\$10,000,000  
12 may be used to carry out section 14509 for each of  
13 fiscal years 2016 through 2021” and inserting  
14 “\$20,000,000 may be used to carry out section  
15 14509 for each of fiscal years 2022 through 2026”;

16 (3) by redesignating subsections (d) and (e) as  
17 subsections (e) and (f), respectively; and

18 (4) by inserting after subsection (c) the fol-  
19 lowing:

20 “(d) APPALACHIAN REGIONAL ENERGY HUB INITIA-  
21 TIVE.—Of the amounts made available under subsection  
22 (a), \$5,000,000 shall be used to carry out section 14511  
23 for each of fiscal years 2022 through 2026.”.

1 (g) TERMINATION.—Section 14704 of title 40,  
2 United States Code, is amended by striking “2021” and  
3 inserting “2026”.

4 **SEC. 1507. DENALI COMMISSION.**

5 (a) DENALI ACCESS SYSTEM PROGRAM.—Notwith-  
6 standing subsection (j) of section 309 of the Denali Com-  
7 mission Act of 1998 (42 U.S.C. 3121 note; Public Law  
8 105–277), there is authorized to be appropriated  
9 \$20,000,000 for each of fiscal years 2022 through 2026  
10 to carry out that section.

11 (b) TRANSFERS OF FUNDS.—Section 311(c) of the  
12 Denali Commission Act of 1998 (42 U.S.C. 3121 note;  
13 Public Law 105–277) is amended—

14 (1) in paragraph (1), by striking “and” at the  
15 end;

16 (2) in paragraph (2), by striking the period at  
17 the end and inserting “; and”; and

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

19 “(3) notwithstanding any other provision of  
20 law, shall—

21 “(A) be treated as if directly appropriated  
22 to the Commission and subject to applicable  
23 provisions of this Act; and

24 “(B) not be subject to any requirements  
25 that applied to the funds before the transfer,

1 including a requirement in an appropriations  
 2 Act or a requirement or regulation of the Fed-  
 3 eral agency from which the funds are trans-  
 4 ferred.”.

5 **SEC. 1508. REQUIREMENTS FOR TRANSPORTATION**  
 6 **PROJECTS CARRIED OUT THROUGH PUBLIC-**  
 7 **PRIVATE PARTNERSHIPS.**

8 (a) DEFINITIONS.—In this section:

9 (1) PROJECT.—The term “project” means a  
 10 project (as defined in section 101 of title 23, United  
 11 States Code) that—

12 (A) is carried out, in whole or in part,  
 13 using Federal financial assistance; and

14 (B) has an estimated total cost of  
 15 \$100,000,000 or more.

16 (2) PUBLIC-PRIVATE PARTNERSHIP.—The term  
 17 “public-private partnership” means an agreement  
 18 between a public agency and a private entity to fi-  
 19 nance, build, and maintain or operate a project.

20 (b) REQUIREMENTS FOR PROJECTS CARRIED OUT  
 21 THROUGH PUBLIC-PRIVATE PARTNERSHIPS.—With re-  
 22 spect to a public-private partnership, as a condition of re-  
 23 ceiving Federal financial assistance for a project, the Sec-  
 24 retary shall require the public partner, not later than 3  
 25 years after the date of opening of the project to traffic—

1           (1) to conduct a review of the project, including  
2           a review of the compliance of the private partner  
3           with the terms of the public-private partnership  
4           agreement;

5           (2)(A) to certify to the Secretary that the pri-  
6           vate partner of the public-private partnership is  
7           meeting the terms of the public-private partnership  
8           agreement for the project; or

9           (B) to notify the Secretary that the private  
10          partner of the public-private partnership has not  
11          met 1 or more of the terms of the public-private  
12          partnership agreement for the project, including a  
13          brief description of each violation of the public-pri-  
14          vate partnership agreement; and

15          (3) to make publicly available the certification  
16          or notification, as applicable, under paragraph (2) in  
17          a form that does not disclose any proprietary or con-  
18          fidential business information.

19          (c) NOTIFICATION.—If the Secretary provides Fed-  
20          eral financial assistance to a project carried out through  
21          a public-private partnership, not later than 30 days after  
22          the date on which the Federal financial assistance is first  
23          obligated, the Secretary shall submit to the Committee on  
24          Environment and Public Works of the Senate and the  
25          Committee on Transportation and Infrastructure of the

1 House of Representatives a notification of the Federal fi-  
2 nancial assistance made available for the project.

3 (d) VALUE FOR MONEY ANALYSIS.—

4 (1) PROJECT APPROVAL AND OVERSIGHT.—Sec-  
5 tion 106(h)(3) of title 23, United States Code, is  
6 amended—

7 (A) in subparagraph (C), by striking  
8 “and” at the end;

9 (B) by redesignating subparagraph (D) as  
10 subparagraph (E); and

11 (C) by inserting after subparagraph (C)  
12 the following:

13 “(D) for a project in which the project  
14 sponsor intends to carry out the project  
15 through a public-private partnership agreement,  
16 shall include a detailed value for money analysis  
17 or similar comparative analysis for the project;  
18 and”.

19 (2) SURFACE TRANSPORTATION BLOCK GRANT  
20 PROGRAM.—Paragraph (21) of section 133(b) of  
21 title 23, United States Code (as redesignated by sec-  
22 tion 1109(a)(1)(C)), is amended by inserting “, in-  
23 cluding conducting value for money analyses or simi-  
24 lar comparative analyses,” after “oversight”.

1           (3) TIFIA.—Section 602(a) of title 23, United  
2 States Code, is amended by adding at the end the  
3 following:

4           “(11) PUBLIC-PRIVATE PARTNERSHIPS.—In the  
5 case of a project to be carried out through a public-  
6 private partnership, the public partner shall have—

7                   “(A) conducted a value for money analysis  
8                   or similar comparative analysis; and

9                   “(B) determined the appropriateness of the  
10                   public-private partnership agreement.”.

11       (e) APPLICABILITY.—This section and the amend-  
12 ments made by this section shall only apply to a public-  
13 private partnership agreement entered into on or after the  
14 date of enactment of this Act.

15 **SEC. 1509. RECONNECTING COMMUNITIES PILOT PRO-**  
16 **GRAM.**

17       (a) DEFINITION OF ELIGIBLE FACILITY.—

18           (1) IN GENERAL.—In this section, the term “el-  
19 igible facility” means a highway or other transpor-  
20 tation facility that creates a barrier to community  
21 connectivity, including barriers to mobility, access,  
22 or economic development, due to high speeds, grade  
23 separations, or other design factors.

24           (2) INCLUSIONS.—In this section, the term “eli-  
25 gible facility” may include—

1 (A) a limited access highway;

2 (B) a viaduct; and

3 (C) any other principal arterial facility.

4 (b) ESTABLISHMENT.—The Secretary shall establish  
5 a pilot program through which an eligible entity may apply  
6 for funding, in order to restore community connectivity—

7 (1) to study the feasibility and impacts of re-  
8 moving, retrofitting, or mitigating an existing eligi-  
9 ble facility;

10 (2) to conduct planning activities necessary to  
11 design a project to remove, retrofit, or mitigate an  
12 existing eligible facility; and

13 (3) to conduct construction activities necessary  
14 to carry out a project to remove, retrofit, or mitigate  
15 an existing eligible facility.

16 (c) PLANNING GRANTS.—

17 (1) ELIGIBLE ENTITIES.—The Secretary may  
18 award a grant (referred to in this section as a “plan-  
19 ning grant”) to carry out planning activities de-  
20 scribed in paragraph (2) to—

21 (A) a State;

22 (B) a unit of local government;

23 (C) a Tribal government;

24 (D) a metropolitan planning organization;

25 and



1 (E) a nonprofit organization.

2 (2) ELIGIBLE ACTIVITIES DESCRIBED.—The  
3 planning activities referred to in paragraph (1)  
4 are—

5 (A) planning studies to evaluate the feasi-  
6 bility of removing, retrofitting, or mitigating an  
7 existing eligible facility to restore community  
8 connectivity, including evaluations of—

9 (i) current traffic patterns on the eli-  
10 gible facility proposed for removal, retrofit,  
11 or mitigation and the surrounding street  
12 network;

13 (ii) the capacity of existing transpor-  
14 tation networks to maintain mobility  
15 needs;

16 (iii) an analysis of alternative roadway  
17 designs or other uses for the right-of-way  
18 of the eligible facility, including an analysis  
19 of whether the available right-of-way would  
20 suffice to create an alternative roadway de-  
21 sign;

22 (iv) the effect of the removal, retrofit,  
23 or mitigation of the eligible facility on the  
24 mobility of freight and people;

- 1 (v) the effect of the removal, retrofit,  
2 or mitigation of the eligible facility on the  
3 safety of the traveling public;
- 4 (vi) the cost to remove, retrofit, or  
5 mitigate the eligible facility—
- 6 (I) to restore community  
7 connectivity; and
- 8 (II) to convert the eligible facility  
9 to a different roadway design or use,  
10 compared to any expected costs for  
11 necessary maintenance or reconstruc-  
12 tion of the eligible facility;
- 13 (vii) the anticipated economic impact  
14 of removing, retrofitting, or mitigating and  
15 converting the eligible facility and any eco-  
16 nomic development opportunities that  
17 would be created by removing, retrofitting,  
18 or mitigating and converting the eligible  
19 facility; and
- 20 (viii) the environmental impacts of re-  
21 taining or reconstructing the eligible facil-  
22 ity and the anticipated effect of the pro-  
23 posed alternative use or roadway design;

1 (B) public engagement activities to provide  
2 opportunities for public input into a plan to re-  
3 move and convert an eligible facility; and

4 (C) other transportation planning activities  
5 required in advance of a project to remove, ret-  
6 rofit, or mitigate an existing eligible facility to  
7 restore community connectivity, as determined  
8 by the Secretary.

9 (3) TECHNICAL ASSISTANCE PROGRAM.—

10 (A) IN GENERAL.—The Secretary may  
11 provide technical assistance described in sub-  
12 paragraph (B) to an eligible entity.

13 (B) TECHNICAL ASSISTANCE DE-  
14 SCRIBED.—The technical assistance referred to  
15 in subparagraph (A) is technical assistance in  
16 building organizational or community capac-  
17 ity—

18 (i) to engage in transportation plan-  
19 ning; and

20 (ii) to identify innovative solutions to  
21 infrastructure challenges, including recon-  
22 necting communities that—

23 (I) are bifurcated by eligible fa-  
24 cilities; or

1 (II) lack safe, reliable, and af-  
2 fordable transportation choices.

3 (C) PRIORITIES.—In selecting recipients of  
4 technical assistance under subparagraph (A),  
5 the Secretary shall give priority to an applica-  
6 tion from a community that is economically dis-  
7 advantaged.

8 (4) SELECTION.—The Secretary shall—

9 (A) solicit applications for—

10 (i) planning grants; and

11 (ii) technical assistance under para-  
12 graph (3); and

13 (B) evaluate applications for a planning  
14 grant on the basis of the demonstration by the  
15 applicant that—

16 (i) the eligible facility is aged and is  
17 likely to need replacement or significant re-  
18 construction within the 20-year period be-  
19 ginning on the date of the submission of  
20 the application;

21 (ii) the eligible facility—

22 (I) creates barriers to mobility,  
23 access, or economic development; or

1 (II) is not justified by current  
2 and forecast future travel demand;  
3 and

4 (iii) on the basis of preliminary inves-  
5 tigations into the feasibility of removing,  
6 retrofitting, or mitigating the eligible facil-  
7 ity to restore community connectivity, fur-  
8 ther investigation is necessary and likely to  
9 be productive.

10 (5) AWARD AMOUNTS.—A planning grant may  
11 not exceed \$2,000,000 per recipient.

12 (6) FEDERAL SHARE.—The total Federal share  
13 of the cost of a planning activity for which a plan-  
14 ning grant is used shall not exceed 80 percent.

15 (d) CAPITAL CONSTRUCTION GRANTS.—

16 (1) ELIGIBLE ENTITIES.—The Secretary may  
17 award a grant (referred to in this section as a “cap-  
18 ital construction grant”) to the owner of an eligible  
19 facility to carry out an eligible project described in  
20 paragraph (3) for which all necessary feasibility  
21 studies and other planning activities have been com-  
22 pleted.

23 (2) PARTNERSHIPS.—An owner of an eligible  
24 facility may, for the purposes of submitting an appli-

1 cation for a capital construction grant, if applicable,  
2 partner with—

3 (A) a State;

4 (B) a unit of local government;

5 (C) a Tribal government;

6 (D) a metropolitan planning organization;

7 or

8 (E) a nonprofit organization.

9 (3) ELIGIBLE PROJECTS.—A project eligible to  
10 be carried out with a capital construction grant in-  
11 cludes—

12 (A) the removal, retrofit, or mitigation of  
13 an eligible facility; and

14 (B) the replacement of an eligible facility  
15 with a new facility that—

16 (i) restores community connectivity;

17 and

18 (ii) is—

19 (I) sensitive to the context of the  
20 surrounding community; and

21 (II) otherwise eligible for funding  
22 under title 23, United States Code.

23 (4) SELECTION.—The Secretary shall—

24 (A) solicit applications for capital construc-  
25 tion grants; and

- 1 (B) evaluate applications on the basis of—
- 2 (i) the degree to which the project will
- 3 improve mobility and access through the
- 4 removal of barriers;
- 5 (ii) the appropriateness of removing,
- 6 retrofitting, or mitigating the eligible facil-
- 7 ity, based on current traffic patterns and
- 8 the ability of the replacement facility and
- 9 the regional transportation network to ab-
- 10 sorb transportation demand and provide
- 11 safe mobility and access;
- 12 (iii) the impact of the project on
- 13 freight movement;
- 14 (iv) the results of a cost-benefit anal-
- 15 ysis of the project;
- 16 (v) the opportunities for inclusive eco-
- 17 nomic development;
- 18 (vi) the degree to which the eligible
- 19 facility is out of context with the current
- 20 or planned land use;
- 21 (vii) the results of any feasibility
- 22 study completed for the project; and
- 23 (viii) the plan of the applicant for—
- 24 (I) employing residents in the
- 25 area impacted by the project through

1 targeted hiring programs, in partner-  
2 ship with registered apprenticeship  
3 programs, if applicable; and

4 (II) contracting and subcon-  
5 tracting with disadvantaged business  
6 enterprises.

7 (5) MINIMUM AWARD AMOUNTS.—A capital  
8 construction grant shall be in an amount not less  
9 than \$5,000,000 per recipient.

10 (6) FEDERAL SHARE.—

11 (A) IN GENERAL.—Subject to subpara-  
12 graph (B), a capital construction grant may not  
13 exceed 50 percent of the total cost of the  
14 project for which the grant is awarded.

15 (B) MAXIMUM FEDERAL INVOLVEMENT.—  
16 Federal assistance other than a capital con-  
17 struction grant may be used to satisfy the non-  
18 Federal share of the cost of a project for which  
19 the grant is awarded, except that the total Fed-  
20 eral assistance provided for a project for which  
21 the grant is awarded may not exceed 80 percent  
22 of the total cost of the project.

23 (7) COMMUNITY ADVISORY BOARD.—

24 (A) IN GENERAL.—To help achieve inclu-  
25 sive economic development benefits with respect



1 to the project for which a grant is awarded, a  
2 grant recipient may form a community advisory  
3 board, which shall—

4 (i) facilitate community engagement  
5 with respect to the project; and

6 (ii) track progress with respect to  
7 commitments of the grant recipient to in-  
8 clusive employment, contracting, and eco-  
9 nomic development under the project.

10 (B) MEMBERSHIP.—If a grant recipient  
11 forms a community advisory board under sub-  
12 paragraph (A), the community advisory board  
13 shall be composed of representatives of—

14 (i) the community;

15 (ii) owners of businesses that serve  
16 the community;

17 (iii) labor organizations that represent  
18 workers that serve the community; and

19 (iv) State and local government.

20 (e) REPORTS.—

21 (1) USDOT REPORT ON PROGRAM.—Not later  
22 than January 1, 2026, the Secretary shall submit to  
23 the Committee on Environment and Public Works of  
24 the Senate and the Committee on Transportation  
25 and Infrastructure of the House of Representatives

1 a report that evaluates the program under this sec-  
2 tion, including—

3 (A) information about the level of appli-  
4 cant interest in planning grants, technical as-  
5 sistance under subsection (c)(3), and capital  
6 construction grants, including the extent to  
7 which overall demand exceeded available funds;  
8 and

9 (B) for recipients of capital construction  
10 grants, the outcomes and impacts of the high-  
11 way removal project, including—

12 (i) any changes in the overall level of  
13 mobility, congestion, access, and safety in  
14 the project area; and

15 (ii) environmental impacts and eco-  
16 nomic development opportunities in the  
17 project area.

18 (2) GAO REPORT ON HIGHWAY REMOVALS.—

19 Not later than 2 years after the date of enactment  
20 of this Act, the Comptroller General of the United  
21 States shall issue a report that—

22 (A) identifies examples of projects to re-  
23 move highways using Federal highway funds;

24 (B) evaluates the effect of highway re-  
25 moval projects on the surrounding area, includ-

1 ing impacts to the local economy, congestion ef-  
2 fects, safety outcomes, and impacts on the  
3 movement of freight and people;

4 (C) evaluates the existing Federal-aid pro-  
5 gram eligibility under title 23, United States  
6 Code, for highway removal projects;

7 (D) analyzes the costs and benefits of and  
8 barriers to removing underutilized highways  
9 that are nearing the end of their useful life  
10 compared to replacing or reconstructing the  
11 highway; and

12 (E) provides recommendations for inte-  
13 grating those assessments into transportation  
14 planning and decision-making processes.

15 (f) TECHNICAL ASSISTANCE.—Of the funds made  
16 available to carry out this section for planning grants, the  
17 Secretary may use not more than \$15,000,000 during the  
18 period of fiscal years 2022 through 2026 to provide tech-  
19 nical assistance under subsection (c)(3).

20 **SEC. 1510. CYBERSECURITY TOOL; CYBER COORDINATOR.**

21 (a) DEFINITIONS.—In this section:

22 (1) ADMINISTRATOR.—The term “Adminis-  
23 trator” means the Administrator of the Federal  
24 Highway Administration.

1           (2) CYBER INCIDENT.—The term “cyber inci-  
2           dent” has the meaning given the term “significant  
3           cyber incident” in Presidential Policy Directive–41  
4           (July 26, 2016, relating to cyber incident coordina-  
5           tion).

6           (3) TRANSPORTATION AUTHORITY.—The term  
7           “transportation authority” means—

8                   (A) a public authority (as defined in sec-  
9                   tion 101(a) of title 23, United States Code);

10                   (B) an owner or operator of a highway (as  
11                   defined in section 101(a) of title 23, United  
12                   States Code);

13                   (C) a manufacturer that manufactures a  
14                   product related to transportation; and

15                   (D) a division office of the Federal High-  
16                   way Administration.

17           (b) CYBERSECURITY TOOL.—

18                   (1) IN GENERAL.—Not later than 2 years after  
19                   the date of enactment of this Act, the Administrator  
20                   shall develop a tool to assist transportation authori-  
21                   ties in identifying, detecting, protecting against, re-  
22                   sponding to, and recovering from cyber incidents.

23                   (2) REQUIREMENTS.—In developing the tool  
24                   under paragraph (1), the Administrator shall—

1 (A) use the cybersecurity framework estab-  
2 lished by the National Institute of Standards  
3 and Technology and required by Executive  
4 Order 13636 of February 12, 2013 (78 Fed.  
5 Reg. 11739; relating to improving critical infra-  
6 structure cybersecurity);

7 (B) establish a structured cybersecurity as-  
8 sessment and development program;

9 (C) consult with appropriate transportation  
10 authorities, operating agencies, industry stake-  
11 holders, and cybersecurity experts; and

12 (D) provide for a period of public comment  
13 and review on the tool.

14 (c) DESIGNATION OF CYBER COORDINATOR.—

15 (1) IN GENERAL.—Not later than 2 years after  
16 the date of enactment of this Act, the Administrator  
17 shall designate an office as a “cyber coordinator”,  
18 which shall be responsible for monitoring, alerting,  
19 and advising transportation authorities of cyber inci-  
20 dents.

21 (2) REQUIREMENTS.—The office designated  
22 under paragraph (1) shall—

23 (A) provide to transportation authorities a  
24 secure method of notifying a single Federal en-  
25 tity of cyber incidents;

1 (B) monitor cyber incidents that affect  
2 transportation authorities;

3 (C) alert transportation authorities to  
4 cyber incidents that affect those transportation  
5 authorities;

6 (D) investigate unaddressed cyber inci-  
7 dents that affect transportation authorities; and

8 (E) provide to transportation authorities  
9 educational resources, outreach, and awareness  
10 on fundamental principles and best practices in  
11 cybersecurity for transportation systems.

12 **SEC. 1511. REPORT ON EMERGING ALTERNATIVE FUEL VE-**  
13 **HICLES AND INFRASTRUCTURE.**

14 (a) DEFINITIONS.—In this section:

15 (1) EMERGING ALTERNATIVE FUEL VEHICLE.—  
16 The term “emerging alternative fuel vehicle” means  
17 a vehicle fueled by hydrogen, natural gas, or pro-  
18 pane.

19 (2) EMERGING ALTERNATIVE FUELING INFRA-  
20 STRUCTURE.—The term “emerging alternative fuel-  
21 ing infrastructure” means infrastructure for fueling  
22 an emerging alternative fuel vehicle.

23 (b) REPORT.—Not later than 1 year after the date  
24 of enactment of this Act, to help guide future investments  
25 for emerging alternative fueling infrastructure, the Sec-

1 retary shall submit to Congress and make publicly avail-  
2 able a report that—

3           (1) includes an evaluation of emerging alter-  
4 native fuel vehicles and projections for potential lo-  
5 cations of emerging alternative fuel vehicle owners  
6 during the 5-year period beginning on the date of  
7 submission of the report;

8           (2) identifies areas where emerging alternative  
9 fueling infrastructure will be needed to meet the cur-  
10 rent and future needs of drivers during the 5-year  
11 period beginning on the date of submission of the re-  
12 port;

13           (3) identifies specific areas, such as a lack of  
14 pipeline infrastructure, that may impede deployment  
15 and adoption of emerging alternative fuel vehicles;

16           (4) includes a map that identifies concentra-  
17 tions of emerging alternative fuel vehicles to meet  
18 the needs of current and future emerging alternative  
19 fueling infrastructure;

20           (5) estimates the future need for emerging al-  
21 ternative fueling infrastructure to support the adop-  
22 tion and use of emerging alternative fuel vehicles;  
23 and

24           (6) includes a tool to allow States to compare  
25 and evaluate different adoption and use scenarios for

1 emerging alternative fuel vehicles, with the ability to  
2 adjust factors to account for regionally specific char-  
3 acteristics.

4 **SEC. 1512. NONHIGHWAY RECREATIONAL FUEL STUDY.**

5 (a) DEFINITIONS.—In this section:

6 (1) HIGHWAY TRUST FUND.—The term “High-  
7 way Trust Fund” means the Highway Trust Fund  
8 established by section 9503(a) of the Internal Rev-  
9 enue Code of 1986.

10 (2) NONHIGHWAY RECREATIONAL FUEL  
11 TAXES.—The term “nonhighway recreational fuel  
12 taxes” means taxes under section 4041 and 4081 of  
13 the Internal Revenue Code of 1986 with respect to  
14 fuel used in vehicles on recreational trails or back  
15 country terrain (including vehicles registered for  
16 highway use when used on recreational trails, trail  
17 access roads not eligible for funding under title 23,  
18 United States Code, or back country terrain).

19 (3) RECREATIONAL TRAILS PROGRAM.—The  
20 term “recreational trails program” means the rec-  
21 reational trails program under section 206 of title  
22 23, United States Code.

23 (b) ASSESSMENT; REPORT.—

24 (1) ASSESSMENT.—Not later than 1 year after  
25 the date of enactment of this Act and not less fre-



1       quently than once every 5 years thereafter, as deter-  
2       mined by the Secretary, the Secretary shall carry  
3       out an assessment of the best available estimate of  
4       the total amount of nonhighway recreational fuel  
5       taxes received by the Secretary of the Treasury and  
6       transferred to the Highway Trust Fund for the pe-  
7       riod covered by the assessment.

8               (2) REPORT.—After carrying out each assess-  
9       ment under paragraph (1), the Secretary shall sub-  
10      mit to the Committees on Finance and Environment  
11      and Public Works of the Senate and the Committees  
12      on Ways and Means and Transportation and Infra-  
13      structure of the House of Representatives a report  
14      that includes—

15               (A) to assist Congress in determining an  
16      appropriate funding level for the recreational  
17      trails program—

18                       (i) a description of the results of the  
19                       assessment; and

20                       (ii) an evaluation of whether the cur-  
21                       rent recreational trails program funding  
22                       level reflects the amount of nonhighway  
23                       recreational fuel taxes collected and trans-  
24                       ferred to the Highway Trust Fund; and

1           (B) in the case of the first report sub-  
2           mitted under this paragraph, an estimate of the  
3           frequency with which the Secretary anticipates  
4           carrying out the assessment under paragraph  
5           (1), subject to the condition that such an as-  
6           sessment shall be carried out not less frequently  
7           than once every 5 years.

8           (c) CONSULTATION.—In carrying out an assessment  
9           under subsection (b)(1), the Secretary may consult with,  
10          as the Secretary determines to be appropriate—

11           (1) the heads of—

12           (A) State agencies designated by Gov-  
13           ernors pursuant to section 206(c)(1) of title 23,  
14           United States Code, to administer the rec-  
15           reational trails program; and

16           (B) division offices of the Department;

17           (2) the Secretary of the Treasury;

18           (3) the Administrator of the Federal Highway  
19           Administration; and

20           (4) groups representing recreational activities  
21           and interests, including hiking, biking and mountain  
22           biking, horseback riding, water trails, snowshoeing,  
23           cross-country skiing, snowmobiling, off-highway  
24           motorcycling, all-terrain vehicles and other offroad

1 motorized vehicle activities, and recreational trail ad-  
2 vocates.

3 **SEC. 1513. BUY AMERICA.**

4 Section 313 of title 23, United States Code, is  
5 amended—

6 (1) by redesignating subsection (g) as sub-  
7 section (h); and

8 (2) by inserting after subsection (f) the fol-  
9 lowing:

10 “(g) WAIVERS.—

11 “(1) IN GENERAL.—Not less than 15 days be-  
12 fore issuing a waiver under this section, the Sec-  
13 retary shall provide to the public—

14 “(A) notice of the proposed waiver;

15 “(B) an opportunity for comment on the  
16 proposed waiver; and

17 “(C) the reasons for the proposed waiver.

18 “(2) REPORT.—Not less frequently than annu-  
19 ally, the Secretary shall submit to the Committee on  
20 Environment and Public Works of the Senate and  
21 the Committee on Transportation and Infrastructure  
22 of the House of Representatives a report on the  
23 waivers provided under this section.”.

1 **SEC. 1514. HIGH PRIORITY CORRIDORS ON THE NATIONAL**  
2 **HIGHWAY SYSTEM.**

3 (a) HIGH PRIORITY CORRIDORS.—Section 1105(c) of  
4 the Intermodal Surface Transportation Efficiency Act of  
5 1991 (Public Law 102–240; 105 Stat. 2032; 133 Stat.  
6 3018) is amended by adding at the end the following:

7 “(92) United States Route 421 from the inter-  
8 change with Interstate Route 85 in Greensboro,  
9 North Carolina, to the interchange with Interstate  
10 Route 95 in Dunn, North Carolina.

11 “(93) The South Mississippi Corridor from the  
12 Louisiana and Mississippi border near Natchez, Mis-  
13 sissippi, to Gulfport, Mississippi, shall generally fol-  
14 low—

15 “(A) United States Route 84 from the  
16 Louisiana border at the Mississippi River pass-  
17 ing in the vicinity of Natchez, Brookhaven,  
18 Monticello, Prentiss, and Collins, Mississippi, to  
19 the logical terminus with Interstate Route 59 in  
20 the vicinity of Laurel, Mississippi, and con-  
21 tinuing on Interstate Route 59 south to the vi-  
22 cinity of Hattiesburg, Mississippi; and

23 “(B) United States Route 49 from the vi-  
24 cinity of Hattiesburg, Mississippi, south to  
25 Interstate Route 10 in the vicinity of Gulfport,  
26 Mississippi, following Mississippi Route 601

1 south and terminating near the Mississippi  
2 State Port at Gulfport.

3 “(94) The Kosciusko to Gulf Coast corridor  
4 commencing at the logical terminus of Interstate  
5 Route 55 near Vaiden, Mississippi, running south  
6 and passing east of the vicinity of the Jackson Ur-  
7 banized Area, connecting to United States Route 49  
8 north of Hattiesburg, Mississippi, and generally fol-  
9 lowing United States Route 49 to a logical connec-  
10 tion with Interstate Route 10 in the vicinity of Gulf-  
11 port, Mississippi.

12 “(95) The Interstate Route 22 spur from the  
13 vicinity of Tupelo, Mississippi, running south gen-  
14 erally along United States Route 45 to the vicinity  
15 of Shannon, Mississippi.

16 “(96) The route that generally follows United  
17 States Route 412 from its intersection with Inter-  
18 state Route 35 in Noble County, Oklahoma, passing  
19 through Tulsa, Oklahoma, to its intersection with  
20 Interstate Route 49 in Springdale, Arkansas.

21 “(97) The Louie B. Nunn Cumberland Ex-  
22 pressway from the interchange with Interstate Route  
23 65 in Barren County, Kentucky, east to the inter-  
24 change with United States Highway 27 in Somerset,  
25 Kentucky.

1           “(98) The route that generally follows State  
2           Route 7 from Grenada, Mississippi, to Holly  
3           Springs, Mississippi, passing in the vicinity of  
4           Coffeerville, Water Valley, Oxford, and Abbeville,  
5           Mississippi, to its logical connection with Interstate  
6           Route 22 in the vicinity of Holly Springs, Mis-  
7           sissippi.”.

8           (b) DESIGNATION AS FUTURE INTERSTATES.—Sec-  
9           tion 1105(e)(5)(A) of the Intermodal Surface Transpor-  
10          tation Efficiency Act of 1991 (Public Law 102–240; 109  
11          Stat. 597; 133 Stat. 3018) is amended in the first sen-  
12          tence by striking “and subsection (c)(91)” and inserting  
13          “subsection (c)(91), subsection (c)(92), subsection  
14          (c)(93)(A), subsection (c)(94), subsection (c)(95), sub-  
15          section (c)(96), and subsection (c)(97)”.

16          (c) NUMBERING OF PARKWAY.—Section  
17          1105(e)(5)(C)(i) of the Intermodal Surface Transpor-  
18          tation Efficiency Act of 1991 (Public Law 102–240; 109  
19          Stat. 598; 133 Stat. 3018) is amended by adding at the  
20          end the following: “The route referred to in subsection  
21          (c)(97) is designated as Interstate Route I–365.”.

22          (d) GAO REPORT ON DESIGNATION OF SEGMENTS  
23          AS PART OF INTERSTATE SYSTEM.—

24                  (1) DEFINITION OF APPLICABLE SEGMENT.—In  
25          this subsection, the term “applicable segment”

1 means the route described in paragraph (92) of sec-  
2 tion 1105(e) of the Intermodal Surface Transpor-  
3 tation Efficiency Act of 1991 (Public Law 102–240;  
4 105 Stat. 2032).

5 (2) REPORT.—

6 (A) IN GENERAL.—Not later than 2 years  
7 after the date on which the applicable segment  
8 is open for operations as part of the Interstate  
9 System, the Comptroller General of the United  
10 States shall submit to Congress a report on the  
11 impact, if any, during that 2-year period of al-  
12 lowing the continuation of weight limits that  
13 applied before the designation of the applicable  
14 segment as a route on the Interstate System.

15 (B) REQUIREMENTS.—The report under  
16 subparagraph (A) shall—

17 (i) be informed by the views and docu-  
18 mentation provided by the State highway  
19 agency (or equivalent agency) in the State  
20 in which the applicable segment is located;

21 (ii) describe any impacts on safety  
22 and infrastructure on the applicable seg-  
23 ment;

24 (iii) describe any view of the State  
25 highway agency (or equivalent agency) in

1 the State in which the applicable segment  
 2 is located on the impact of the applicable  
 3 segment; and

4 (iv) focus only on the applicable seg-  
 5 ment.

6 **SEC. 1515. INTERSTATE WEIGHT LIMITS.**

7 Section 127 of title 23, United States Code, is  
 8 amended—

9 (1) in subsection (l)(3)(A)—

10 (A) in the matter preceding clause (i), in  
 11 the first sentence, by striking “clauses (i)  
 12 through (iv) of this subparagraph” and insert-  
 13 ing “clauses (i) through (v)”; and

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

15 “(v) The Louie B. Nunn Cumberland  
 16 Expressway (to be designated as a spur of  
 17 Interstate Route 65) from the interchange  
 18 with Interstate Route 65 in Barren Coun-  
 19 ty, Kentucky, east to the interchange with  
 20 United States Highway 27 in Somerset,  
 21 Kentucky.”; and

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

23 “(v) OPERATION OF VEHICLES ON CERTAIN NORTH  
 24 CAROLINA HIGHWAYS.—If any segment in the State of  
 25 North Carolina of United States Route 17, United States



1 Route 29, United States Route 52, United States Route  
2 64, United States Route 70, United States Route 74,  
3 United States Route 117, United States Route 220,  
4 United States Route 264, or United States Route 421 is  
5 designated as a route on the Interstate System, a vehicle  
6 that could operate legally on that segment before the date  
7 of such designation may continue to operate on that seg-  
8 ment, without regard to any requirement under subsection  
9 (a).

10 “(w) OPERATION OF VEHICLES ON CERTAIN OKLA-  
11 HOMA HIGHWAYS.—If any segment of the highway re-  
12 ferred to in paragraph (96) of section 1105(c) of the  
13 Intermodal Surface Transportation Efficiency Act of 1991  
14 (Public Law 102–240; 105 Stat. 2032) is designated as  
15 a route on the Interstate System, a vehicle that could op-  
16 erate legally on that segment before the date of such des-  
17 ignation may continue to operate on that segment, without  
18 any regard to any requirement under this section.”.

19 **SEC. 1516. REPORT ON AIR QUALITY IMPROVEMENTS.**

20 (a) IN GENERAL.—Not later than 3 years after the  
21 date of enactment of this Act, the Comptroller General  
22 of the United States shall submit a report that evaluates  
23 the congestion mitigation and air quality improvement  
24 program under section 149 of title 23, United States Code  
25 (referred to in this section as the “program”), to—

1           (1) the Committee on Environment and Public  
2 Works of the Senate; and

3           (2) the Committee on Transportation and In-  
4 frastructure of the House of Representatives.

5           (b) CONTENTS.—The evaluation under subsection (a)  
6 shall include an evaluation of—

7           (1) the reductions of ozone, carbon monoxide,  
8 and particulate matter that result from projects  
9 under the program;

10          (2) the cost-effectiveness of the reductions de-  
11 scribed in paragraph (1);

12          (3) the result of investments of funding under  
13 the program in minority and low-income commu-  
14 nities that are disproportionately affected by ozone,  
15 carbon monoxide, and particulate matter;

16          (4) the effectiveness, with respect to the attain-  
17 ment or maintenance of national ambient air quality  
18 standards under section 109 of the Clean Air Act  
19 (42 U.S.C. 7409) for ozone, carbon monoxide, and  
20 particulate matter, of performance measures estab-  
21 lished under section 150(c)(5) of title 23, United  
22 States Code, and performance targets established  
23 under subsection (d) of that section for traffic con-  
24 gestion and on-road mobile source emissions;

1           (5) the extent to which there are any types of  
2 projects that are not eligible funding under the pro-  
3 gram that would be likely to contribute to the at-  
4 tainment or maintenance of the national ambient air  
5 quality standards described in paragraph (4); and

6           (6) the extent to which projects under the pro-  
7 gram reduce sulfur dioxide, nitrogen dioxide, and  
8 lead.

9 **SEC. 1517. ROADSIDE HIGHWAY SAFETY HARDWARE.**

10       (a) IN GENERAL.—Not later than 2 years after the  
11 date of enactment of this Act, the Secretary shall imple-  
12 ment, to the maximum extent practicable, the following  
13 recommendations from the report of the Government Ac-  
14 countability Office entitled “Highway Safety: More Robust  
15 DOT Oversight of Guardrails and Other Roadside Hard-  
16 ware Could Further Enhance Safety” published in June  
17 2016 and numbered GAO–16–575:

18           (1) Develop a process for third party  
19 verification of full-scale crash testing results from  
20 crash test labs to include a process for—

21                   (A) formally verifying the testing out-  
22 comes; and

23                   (B) providing for an independent pass/fail  
24 determination.

1           (2) Establish a process to enhance the inde-  
2           pendence of crash test labs by ensuring that those  
3           labs have a clear separation between device develop-  
4           ment and testing in cases in which lab employees  
5           test devices that were developed within the parent  
6           organization of the employee.

7           (b) CONTINUED ISSUANCE OF ELIGIBILITY LET-  
8           TERS.—Until the implementation of the recommendations  
9           described in subsection (a) is complete, the Secretary shall  
10          ensure that the Administrator of the Federal Highway Ad-  
11          ministration continues to issue Federal-aid reimbursement  
12          eligibility letters as a service to States.

13          **SEC. 1518. PERMEABLE PAVEMENTS STUDY.**

14          (a) IN GENERAL.—Not later than 1 year after the  
15          date of enactment of this Act, the Secretary shall carry  
16          out a study—

17                 (1) to gather existing information on the effects  
18                 of permeable pavements on flood control in different  
19                 contexts, including in urban areas, and over the life-  
20                 time of the permeable pavement;

21                 (2) to perform research to fill gaps in the exist-  
22                 ing information gathered under paragraph (1); and

23                 (3) to develop—

24                         (A) models for the performance of per-  
25                         meable pavements in flood control; and

1 (B) best practices for designing permeable  
2 pavement to meet flood control requirements.

3 (b) DATA SURVEY.—In carrying out the study under  
4 subsection (a), the Secretary shall develop—

5 (1) a summary, based on available literature  
6 and models, of localized flood control capabilities of  
7 permeable pavement that considers long-term per-  
8 formance and cost information; and

9 (2) best practices for the design of localized  
10 flood control using permeable pavement that con-  
11 sider long-term performance and cost information.

12 (c) PUBLICATION.—The Secretary shall make a re-  
13 port describing the results of the study under subsection  
14 (a) publicly available.

15 **SEC. 1519. EMERGENCY RELIEF PROJECTS.**

16 (a) DEFINITION OF EMERGENCY RELIEF  
17 PROJECT.—In this section, the term “emergency relief  
18 project” means a project carried out under the emergency  
19 relief program under section 125 of title 23, United States  
20 Code.

21 (b) IMPROVING THE EMERGENCY RELIEF PRO-  
22 GRAM.—Not later than 90 days after the date of enact-  
23 ment of this Act, the Secretary shall—

24 (1) revise the emergency relief manual of the  
25 Federal Highway Administration—

1 (A) to include and reflect the definition of  
2 the term “resilience” (as defined in section  
3 101(a) of title 23, United States Code);

4 (B) to identify procedures that States may  
5 use to incorporate resilience into emergency re-  
6 lief projects; and

7 (C) to encourage the use of Complete  
8 Streets design principles and consideration of  
9 access for moderate- and low-income families  
10 impacted by a declared disaster;

11 (2) develop best practices for improving the use  
12 of resilience in—

13 (A) the emergency relief program under  
14 section 125 of title 23, United States Code; and

15 (B) emergency relief efforts;

16 (3) provide to division offices of the Federal  
17 Highway Administration and State departments of  
18 transportation information on the best practices de-  
19 veloped under paragraph (2); and

20 (4) develop and implement a process to track—

21 (A) the consideration of resilience as part  
22 of the emergency relief program under section  
23 125 of title 23, United States Code; and

24 (B) the costs of emergency relief projects.

1 **SEC. 1520. STUDY ON STORMWATER BEST MANAGEMENT**  
2 **PRACTICES.**

3 (a) STUDY.—Not later than 180 days after the date  
4 of enactment of this Act, the Secretary and the Adminis-  
5 trator of the Environment Protection Agency shall offer  
6 to enter into an agreement with the Transportation Re-  
7 search Board of the National Academy of Sciences to con-  
8 duct a study—

9 (1) to estimate pollutant loads from stormwater  
10 runoff from highways and pedestrian facilities eligi-  
11 ble for assistance under title 23, United States  
12 Code, to inform the development of appropriate total  
13 maximum daily load (as defined in section 130.2 of  
14 title 40, Code of Federal Regulations (or successor  
15 regulations)) requirements;

16 (2) to provide recommendations regarding the  
17 evaluation and selection by State departments of  
18 transportation of potential stormwater management  
19 and total maximum daily load compliance strategies  
20 within a watershed, including environmental restora-  
21 tion and pollution abatement carried out under sec-  
22 tion 328 of title 23, United States Code (including  
23 any revisions to law (including regulations) that the  
24 Transportation Research Board determines to be ap-  
25 propriate); and

1           (3) to examine the potential for the Secretary  
2           to assist State departments of transportation in car-  
3           rying out and communicating stormwater manage-  
4           ment practices for highways and pedestrian facilities  
5           that are eligible for assistance under title 23, United  
6           States Code, through information-sharing agree-  
7           ments, database assistance, or an administrative  
8           platform to provide the information described in  
9           paragraphs (1) and (2) to entities issued permits  
10          under the Federal Water Pollution Control Act (33  
11          U.S.C. 1251 et seq.).

12          (b) REQUIREMENTS.—If the Transportation Re-  
13          search Board enters into an agreement under subsection  
14          (a), in conducting the study under that subsection, the  
15          Transportation Research Board shall—

16                (1) review and supplement, as appropriate, the  
17                methodologies examined and recommended in the re-  
18                port of the National Academies of Sciences, Engi-  
19                neering, and Medicine entitled “Approaches for De-  
20                termining and Complying with TMDL Requirements  
21                Related to Roadway Stormwater Runoff” and dated  
22                2019;

23                (2) consult with—

24                        (A) the Secretary;



1 (B) the Administrator of the Environ-  
2 mental Protection Agency;

3 (C) the Secretary of the Army, acting  
4 through the Chief of Engineers; and

5 (D) State departments of transportation;  
6 and

7 (3) solicit input from—

8 (A) stakeholders with experience in imple-  
9 menting stormwater management practices for  
10 projects; and

11 (B) educational and technical stormwater  
12 management groups.

13 (c) REPORT.—If the Transportation Research Board  
14 enters into an agreement under subsection (a), not later  
15 than 18 months after the date of enactment of this Act,  
16 the Transportation Research Board shall submit to the  
17 Secretary, the Committee on Environment and Public  
18 Works of the Senate, and the Committee on Transpor-  
19 tation and Infrastructure of the House of Representatives  
20 a report describing the results of the study.

21 **SEC. 1521. STORMWATER BEST MANAGEMENT PRACTICES**

22 **REPORTS.**

23 (a) DEFINITIONS.—In this section:

1           (1) ADMINISTRATOR.—The term “Adminis-  
2           trator” means the Administrator of the Federal  
3           Highway Administration.

4           (2) BEST MANAGEMENT PRACTICES REPORT.—  
5           The term “best management practices report”  
6           means—

7                   (A) the 2014 report sponsored by the Ad-  
8                   ministrator entitled “Determining the State of  
9                   the Practice in Data Collection and Perform-  
10                  ance Measurement of Stormwater Best Man-  
11                  agement Practices”; and

12                   (B) the 1997 report sponsored by the Ad-  
13                   ministrator entitled “Stormwater Best Manage-  
14                   ment Practices in an Ultra-Urban Setting: Se-  
15                   lection and Monitoring”.

16           (b) REISSUANCE.—Not later than 1 year after the  
17           date of enactment of this Act, the Administrator shall up-  
18           date and reissue each best management practices report  
19           to reflect new information and advancements in  
20           stormwater management.

21           (c) UPDATES.—Not less frequently than once every  
22           5 years after the date on which the Administrator reissues  
23           a best management practices report described in sub-  
24           section (b), the Administrator shall update and reissue the

1 best management practices report until the earlier of the  
2 date on which—

3 (1) the best management practices report is  
4 withdrawn; or

5 (2) the contents of the best management prac-  
6 tices report are incorporated (including by reference)  
7 into applicable regulations of the Administrator.

8 **SEC. 1522. INVASIVE PLANT ELIMINATION PROGRAM.**

9 (a) DEFINITIONS.—In this section:

10 (1) INVASIVE PLANT.—The term “invasive  
11 plant” means a nonnative plant, tree, grass, or weed  
12 species, including, at a minimum, cheatgrass,  
13 *Ventenata dubia*, medusahead, bulbous bluegrass,  
14 Japanese brome, rattail fescue, Japanese honey-  
15 suckle, phragmites, autumn olive, Bradford pear,  
16 wild parsnip, sericea lespedeza, spotted knapweed,  
17 garlic mustard, and palmer amaranth.

18 (2) PROGRAM.—The term “program” means  
19 the grant program established under subsection (b).

20 (3) TRANSPORTATION CORRIDOR.—The term  
21 “transportation corridor” means a road, highway,  
22 railroad, or other surface transportation route.

23 (b) ESTABLISHMENT.—The Secretary shall carry out  
24 a program to provide grants to States to eliminate or con-  
25 trol existing invasive plants or prevent introduction of or

1 encroachment by new invasive plants along and in areas  
2 adjacent to transportation corridor rights-of-way.

3 (c) APPLICATION.—To be eligible to receive a grant  
4 under the program, a State shall submit to the Secretary  
5 an application at such time, in such manner, and con-  
6 taining such information as the Secretary may require.

7 (d) ELIGIBLE ACTIVITIES.—

8 (1) IN GENERAL.—Subject to this subsection, a  
9 State that receives a grant under the program may  
10 use the grant funds to carry out activities to elimi-  
11 nate or control existing invasive plants or prevent in-  
12 troduction of or encroachment by new invasive  
13 plants along and in areas adjacent to transportation  
14 corridor rights-of-way.

15 (2) PRIORITIZATION OF PROJECTS.—In car-  
16 rying out the program, the Secretary shall give pri-  
17 ority to projects that utilize revegetation with native  
18 plants and wildflowers, including those that are pol-  
19 linator-friendly.

20 (3) PROHIBITION ON CERTAIN USES OF  
21 FUNDS.—Amounts provided to a State under the  
22 program may not be used for costs relating to mow-  
23 ing a transportation corridor right-of-way or the ad-  
24 jacent area unless—

1 (A) mowing is identified as the best means  
2 of treatment according to best management  
3 practices; or

4 (B) mowing is used in conjunction with an-  
5 other treatment.

6 (4) LIMITATION.—Not more than 10 percent of  
7 the amounts provided to a State under the program  
8 may be used for the purchase of equipment.

9 (5) ADMINISTRATIVE AND INDIRECT COSTS.—  
10 Not more than 5 percent of the amounts provided to  
11 a State under the program may be used for the ad-  
12 ministrative and other indirect costs (such as full  
13 time employee salaries, rent, insurance, subscrip-  
14 tions, utilities, and office supplies) of carrying out  
15 eligible activities.

16 (e) REQUIREMENTS.—

17 (1) COORDINATION.—In carrying out eligible  
18 activities with a grant under the program, a State  
19 shall coordinate with—

20 (A) units of local government, political  
21 subdivisions of the State, and Tribal authorities  
22 that are carrying out eligible activities in the  
23 areas to be treated;

1 (B) local regulatory authorities, in the case  
2 of a treatment along or adjacent to a railroad  
3 right-of-way; and

4 (C) with respect to the most effective road-  
5 side control methods, State and Federal land  
6 management agencies and any relevant Tribal  
7 authorities.

8 (2) ANNUAL REPORT.—Not later than 1 year  
9 after the date on which a State receives a grant  
10 under the program, and annually thereafter, that  
11 State shall provide to the Secretary an annual report  
12 on the treatments carried out using funds from the  
13 grant.

14 (f) FEDERAL SHARE.—

15 (1) IN GENERAL.—The Federal share of the  
16 cost of an eligible activity carried out using funds  
17 from a grant under the program shall be—

18 (A) in the case of a project that utilizes re-  
19 vegetation with native plants and wildflowers,  
20 including those that are pollinator-friendly, 75  
21 percent; and

22 (B) in the case of any other project not de-  
23 scribed in subparagraph (A), 50 percent.

24 (2) CERTAIN FUNDS COUNTED TOWARD NON-  
25 FEDERAL SHARE.—A State may include amounts ex-

1       pended by the State or a unit of local government  
2       in the State to address current invasive plant popu-  
3       lations and prevent future infestation along or in  
4       areas adjacent to transportation corridor rights-of-  
5       way in calculating the non-Federal share required  
6       under the program.

7       (g) FUNDING.—There is authorized to be appro-  
8       priated to carry out the program \$50,000,000 for each  
9       of fiscal years 2022 through 2026.

10 **SEC. 1523. OVER-THE-ROAD BUS TOLLING EQUITY.**

11       Section 129(a) of title 23, United States Code, is  
12       amended—

13               (1) in paragraph (3)(B)(i), by inserting “, to-  
14       gether with the results of the audit under paragraph  
15       (9)(C),” after “the audits”; and

16               (2) in paragraph (9)—

17                       (A) by striking “An over-the-road” and in-  
18       serting the following:

19                               “(A) IN GENERAL.—An over-the-road”;

20                       (B) in subparagraph (A) (as so des-  
21       ignated), by striking “public transportation  
22       buses” and inserting “public transportation ve-  
23       hicles”; and

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

25                               “(B) REPORTS.—

1           “(i) IN GENERAL.—Not later than 90  
2           days after the date of enactment of this  
3           subparagraph, a public authority that op-  
4           erates a toll facility shall report to the Sec-  
5           retary any rates, terms, or conditions for  
6           access to the toll facility by public trans-  
7           portation vehicles that differ from the  
8           rates, terms, or conditions applicable to  
9           over-the-road buses.

10           “(ii) UPDATES.—A public authority  
11           that operates a toll facility shall report to  
12           the Secretary any change to the rates,  
13           terms, or conditions for access to the toll  
14           facility by public transportation vehicles  
15           that differ from the rates, terms, or condi-  
16           tions applicable to over-the-road buses by  
17           not later than 30 days after the date on  
18           which the change takes effect.

19           “(iii) PUBLICATION.—The Secretary  
20           shall publish information reported to the  
21           Secretary under clauses (i) and (ii) on a  
22           publicly accessible internet website.

23           “(C) ANNUAL AUDIT.—



1           “(i) IN GENERAL.—A public authority  
2 (as defined in section 101(a)) with juris-  
3 diction over a toll facility shall—

4           “(I) conduct or have an inde-  
5 pendent auditor conduct an annual  
6 audit of toll facility records to verify  
7 compliance with this paragraph; and

8           “(II) report the results of the  
9 audit, together with the results of the  
10 audit under paragraph (3)(B), to the  
11 Secretary.

12           “(ii) RECORDS.—After providing rea-  
13 sonable notice, a public authority described  
14 in clause (i) shall make all records of the  
15 public authority pertaining to the toll facil-  
16 ity available for audit by the Secretary.

17           “(iii) NONCOMPLIANCE.—If the Sec-  
18 retary determines that a public authority  
19 described in clause (i) has not complied  
20 with this paragraph, the Secretary may re-  
21 quire the public authority to discontinue  
22 collecting tolls until an agreement with the  
23 Secretary is reached to achieve compli-  
24 ance.”.

1 **SEC. 1524. BRIDGE TERMINOLOGY.**

2 (a) CONDITION OF NHS BRIDGES.—Section  
3 119(f)(2) of title 23, United States Code, is amended by  
4 striking “structurally deficient” each place it appears and  
5 inserting “in poor condition”.

6 (b) NATIONAL BRIDGE AND TUNNEL INVEN-  
7 TORIES.—Section 144(b)(5) of title 23, United States  
8 Code, is amended by striking “structurally deficient  
9 bridge” and inserting “bridge classified as in poor condi-  
10 tion”.

11 (c) TRIBAL TRANSPORTATION FACILITY BRIDGES.—  
12 Section 202(d) of title 23, United States Code, is amend-  
13 ed—

14 (1) in paragraph (1), by striking “deficient  
15 bridges eligible for the tribal transportation pro-  
16 gram” and inserting “bridges eligible for the tribal  
17 transportation program classified as in poor condi-  
18 tion, having low load capacity, or needing geometric  
19 improvements”; and

20 (2) in paragraph (3)(C), by striking “struc-  
21 turally deficient or functionally obsolete” and insert-  
22 ing “classified as in poor condition, having a low  
23 load capacity, or needing geometric improvements”.

24 **SEC. 1525. TECHNICAL CORRECTIONS.**

25 (a) Section 101(b)(1) of title 23, United States Code,  
26 is amended by inserting “Highways” after “and Defense”.

1 (b) Section 104(f)(3) of title 23, United States Code,  
2 is amended—

3 (1) in the paragraph heading, by striking “FED-  
4 ERAL HIGHWAY ADMINISTRATION” and inserting  
5 “AN OPERATING ADMINISTRATION OF THE DEPART-  
6 MENT OF TRANSPORTATION”; and

7 (2) in subparagraph (A), by striking “the Fed-  
8 eral Highway Administration” and inserting “an op-  
9 erating administration of the Department of Trans-  
10 portation”.

11 (c) Section 108(c)(3)(F) of title 23, United States  
12 Code, is amended—

13 (1) by inserting “of 1969 (42 U.S.C. 4321 et  
14 seq.)” after “Policy Act”; and

15 (2) by striking “this Act” and inserting “this  
16 title”.

17 (d) Section 112(b)(2) of title 23, United States Code,  
18 is amended by striking “(F) (F) Subparagraphs” and in-  
19 serting the following:

20 “(F) EXCLUSION.—Subparagraphs”.

21 (e) Section 115(c) of title 23, United States Code,  
22 is amended by striking “section 135(f)” and inserting  
23 “section 135(g)”.

24 (f) Section 130(g) of title 23, United States Code,  
25 is amended—

1 (1) in the third sentence—

2 (A) by striking “and Transportation,” and  
3 inserting “and Transportation”; and

4 (B) by striking “thereafter,,” and inserting  
5 “thereafter,”; and

6 (2) in the fifth sentence, by striking “railroad  
7 highway” and inserting “railway-highway”.

8 (g) Section 135(g) of title 23, United States Code,  
9 is amended—

10 (1) in paragraph (3), by striking “operators),,”  
11 and inserting “operators),”; and

12 (2) in paragraph (6)(B), by striking “5310,  
13 5311, 5316, and 5317” and inserting “5310 and  
14 5311”.

15 (h) Section 139 of title 23, United States Code (as  
16 amended by section 1301), is amended—

17 (1) in subsection (b)(1), by inserting “(42  
18 U.S.C. 4321 et seq.)” after “of 1969”;

19 (2) in subsection (c), by inserting “(42 U.S.C.  
20 4321 et seq.)” after “of 1969” each place it ap-  
21 pears; and

22 (3) in subsection (k)(2), by inserting “(42  
23 U.S.C. 4321 et seq.)” after “of 1969”.

1 (i) Section 140(a) of title 23, United States Code,  
2 is amended, in the third sentence, by inserting a comma  
3 after “Secretary”.

4 (j) Section 148(i)(2)(D) of title 23, United States  
5 Code, is amended by striking “safety safety” and inserting  
6 “safety”.

7 (k) Section 166(a)(1) of title 23, United States Code,  
8 is amended by striking the paragraph designation and  
9 heading and all that follows through “A public authority”  
10 and inserting the following:

11 “(1) AUTHORITY OF PUBLIC AUTHORITIES.—A  
12 public authority”.

13 (l) Section 201(c)(6)(A)(ii) of title 23, United States  
14 Code, is amended by striking “(25 U.S.C. 450 et seq.)”  
15 and inserting “(25 U.S.C. 5301 et seq.)”.

16 (m) Section 202 of title 23, United States Code, is  
17 amended—

18 (1) by striking “(25 U.S.C. 450 et seq.)” each  
19 place it appears and inserting “(25 U.S.C. 5301 et  
20 seq.)”;

21 (2) in subsection (a)(10)(B), by striking “(25  
22 U.S.C. 450e(b))” and inserting “(25 U.S.C.  
23 5307(b))”; and

1           (3) in subsection (b)(5), in the matter pre-  
2           ceding subparagraph (A), by inserting “the” after  
3           “agreement under”.

4           (n) Section 206(d)(2)(G) of title 23, United States  
5           Code, is amended by striking “use of recreational trails”  
6           and inserting “uses of recreational trails”.

7           (o) Section 207 of title 23, United States Code, is  
8           amended—

9           (1) in subsection (g)—

10                   (A) by striking “(25 U.S.C. 450j–1)” and  
11                   inserting “(25 U.S.C. 5325)”; and

12                   (B) by striking “(25 U.S.C. 450j–1(f))”  
13                   and inserting “(25 U.S.C. 5325(f))”;

14           (2) in subsection (l)—

15                   (A) in paragraph (1), by striking “(25  
16                   U.S.C. 458aaa–5)” and inserting “(25 U.S.C.  
17                   5386)”;

18                   (B) in paragraph (2), by striking “(25  
19                   U.S.C. 458aaa–6)” and inserting “(25 U.S.C.  
20                   5387)”;

21                   (C) in paragraph (3), by striking “(25  
22                   U.S.C. 458aaa–7)” and inserting “(25 U.S.C.  
23                   5388)”;

1 (D) in paragraph (4), by striking “(25  
2 U.S.C. 458aaa–9)” and inserting “(25 U.S.C.  
3 5390)”;

4 (E) in paragraph (5), by striking “(25  
5 U.S.C. 458aaa–10)” and inserting “(25 U.S.C.  
6 5391)”;

7 (F) in paragraph (6), by striking “(25  
8 U.S.C. 458aaa–11)” and inserting “(25 U.S.C.  
9 5392)”;

10 (G) in paragraph (7), by striking “(25  
11 U.S.C. 458aaa–14)” and inserting “(25 U.S.C.  
12 5395)”;

13 (H) in paragraph (8), by striking “(25  
14 U.S.C. 458aaa–15)” and inserting “(25 U.S.C.  
15 5396)”;

16 (I) in paragraph (9), by striking “(25  
17 U.S.C. 458aaa–17)” and inserting “(25 U.S.C.  
18 5398)”;

19 (3) in subsection (m)(2)—

20 (A) by striking “505” and inserting  
21 “501”; and

22 (B) by striking “(25 U.S.C. 450b;  
23 458aaa)” and inserting “(25 U.S.C. 5304;  
24 5381)”.

1 (p) Section 217(d) of title 23, United States Code,  
2 is amended by striking “104(b)(3)” and inserting  
3 “104(b)(4)”.

4 (q) Section 323(d) of title 23, United States Code,  
5 is amended in the matter preceding paragraph (1), in the  
6 second sentence, by inserting “(42 U.S.C. 4321 et seq.)”  
7 after “of 1969”.

8 (r) Section 325 of title 23, United States Code, is  
9 repealed.

10 (s) Section 504(g)(6) of title 23, United States Code,  
11 is amended by striking “make grants or to” and inserting  
12 “make grants to”.

13 (t) The analysis for chapter 3 of title 23, United  
14 States Code, is amended by striking the item relating to  
15 section 325.

16 **SEC. 1526. WORKING GROUP ON COVERED RESOURCES.**

17 (a) DEFINITIONS.—In this section:

18 (1) COVERED RESOURCE.—The term “covered  
19 resource” means a common variety material used in  
20 transportation infrastructure construction and main-  
21 tenance, including stone, sand, and gravel.

22 (2) STATE.—The term “State” means each of  
23 the several States, the District of Columbia, and  
24 each territory or possession of the United States.



1           (3) WORKING GROUP.—The term “Working  
2           Group” means the working group established under  
3           subsection (b).

4           (b) ESTABLISHMENT.—Not later than 120 days after  
5           the date of enactment of this Act, the Secretary shall es-  
6           tablish a working group to conduct a study on access to  
7           covered resources for infrastructure projects.

8           (c) MEMBERSHIP.—

9           (1) APPOINTMENT.—The Secretary shall ap-  
10          point to the Working Group individuals with knowl-  
11          edge and expertise in the production and transpor-  
12          tation of covered resources.

13          (2) REPRESENTATION.—The Working Group  
14          shall include not less than 1 representative of each  
15          of the following:

16                (A) State departments of transportation.

17                (B) State agencies associated with covered  
18          resources protection.

19                (C) State planning and geologic survey and  
20          mapping agencies.

21                (D) Commercial motor vehicle operators,  
22          including small business operators and opera-  
23          tors who transport covered resources.

24                (E) Covered resources producers.

25                (F) Construction contractors.

1 (G) Labor organizations.

2 (H) Metropolitan planning organizations  
3 and regional planning organizations.

4 (I) Indian Tribes, including Tribal elected  
5 leadership or Tribal transportation officials.

6 (J) Any other stakeholders that the Sec-  
7 retary determines appropriate.

8 (3) TERMINATION.—The Working Group shall  
9 terminate 180 days after the date on which the Sec-  
10 retary receives the report under subsection (f)(1).

11 (d) DUTIES.—In carrying out the study required  
12 under subsection (b), the Working Group shall analyze—

13 (1) the use of covered resources in transpor-  
14 tation projects funded with Federal dollars;

15 (2) how the proximity of covered resources to  
16 such projects affects the cost and environmental im-  
17 pact of those projects;

18 (3) whether and how State, Tribal, and local  
19 transportation and planning agencies consider cov-  
20 ered resources when developing transportation  
21 projects; and

22 (4) any challenges for transportation project  
23 sponsors regarding access and proximity to covered  
24 resources.

1 (e) CONSULTATION.—In carrying out the study re-  
2 quired under subsection (b), the Working Group shall con-  
3 sult with, as appropriate—

4 (1) chief executive officers of States;

5 (2) State, Tribal, and local transportation and  
6 planning agencies;

7 (3) other relevant State, Tribal, and local agen-  
8 cies, including State agencies associated with cov-  
9 ered resources protection;

10 (4) members of the public with industry experi-  
11 ence with respect to covered resources;

12 (5) other Federal entities that provide funding  
13 for transportation projects; and

14 (6) any other stakeholder the Working Group  
15 determines appropriate.

16 (f) REPORTS.—

17 (1) WORKING GROUP REPORT.—Not later than  
18 2 years after the date on which the Working Group  
19 is established, the Working Group shall submit to  
20 the Secretary a report that includes—

21 (A) the findings of the study required  
22 under subsection (b), including a summary of  
23 comments received during the consultation  
24 process under subsection (e); and

1           (B) any recommendations to preserve ac-  
2           cess to and reduce the costs and environmental  
3           impacts of covered resources for infrastructure  
4           projects.

5           (2) DEPARTMENTAL REPORT.—Not later than  
6           90 days after the date on which the Secretary re-  
7           ceives the report under paragraph (1), the Secretary  
8           shall submit to the Committee on Transportation  
9           and Infrastructure of the House of Representatives  
10          and the Committee on Environment and Public  
11          Works of the Senate a summary of the findings  
12          under the report and any recommendations, as ap-  
13          propriate.

14 **SEC. 1527. BLOOD TRANSPORT VEHICLES.**

15          Section 166(b) of title 23, United States Code, is  
16          amended by adding at the end the following:

17               “(6) BLOOD TRANSPORT VEHICLES.—The pub-  
18          lic authority may allow blood transport vehicles that  
19          are transporting blood between a collection point  
20          and a hospital or storage center to use the HOV fa-  
21          cility if the public authority establishes requirements  
22          for clearly identifying such vehicles.”.

1 **SEC. 1528. POLLINATOR-FRIENDLY PRACTICES ON ROAD-**  
 2 **SIDES AND HIGHWAY RIGHTS-OF-WAY.**

3 (a) IN GENERAL.—Chapter 3 of title 23, United  
 4 States Code (as amended by section 1309(a)), is amended  
 5 by adding at the end the following:

6 **“§ 332. Pollinator-friendly practices on roadsides and**  
 7 **highway rights-of-way**

8 “(a) IN GENERAL.—The Secretary shall establish a  
 9 program to provide grants to eligible entities to carry out  
 10 activities to benefit pollinators on roadsides and highway  
 11 rights-of-way, including the planting and seeding of na-  
 12 tive, locally appropriate grasses and wildflowers, including  
 13 milkweed.

14 “(b) ELIGIBLE ENTITIES.—An entity eligible to re-  
 15 ceive a grant under this section is—

16 “(1) a State department of transportation;

17 “(2) an Indian tribe; or

18 “(3) a Federal land management agency.

19 “(c) APPLICATION.—To be eligible to receive a grant  
 20 under this section, an eligible entity shall submit to the  
 21 Secretary an application at such time, in such manner,  
 22 and containing such information as the Secretary may re-  
 23 quire, including a pollinator-friendly practices plan de-  
 24 scribed in subsection (d).

25 “(d) POLLINATOR-FRIENDLY PRACTICES PLAN.—

1           “(1) IN GENERAL.—An eligible entity shall in-  
2           clude in the application under subsection (c) a plan  
3           that describes the pollinator-friendly practices that  
4           the eligible entity has implemented or plans to im-  
5           plement, including—

6                   “(A) practices relating to mowing strate-  
7                   gies that promote early successional vegetation  
8                   and limit disturbance during periods of highest  
9                   use by target pollinator species on roadsides  
10                  and highway rights-of-way, such as—

11                           “(i) reducing the mowing swath out-  
12                           side of the State-designated safety zone;

13                           “(ii) increasing the mowing height;

14                           “(iii) reducing the mowing frequency;

15                           “(iv) refraining from mowing monarch  
16                           and other pollinator habitat during periods  
17                           in which monarchs or other pollinators are  
18                           present;

19                           “(v) use of a flushing bar and cutting  
20                           at reduced speeds to reduce pollinator  
21                           deaths due to mowing; or

22                           “(vi) reducing raking along roadsides  
23                           and highway rights-of-way;

24                   “(B) implementation of an integrated vege-  
25                  tation management plan that includes ap-

1 proaches such as mechanical tree and brush re-  
2 moval, targeted and judicious use of herbicides,  
3 and mowing, to address weed issues on road-  
4 sides and highway rights-of-way;

5 “(C) planting or seeding of native, locally  
6 appropriate grasses and wildflowers, including  
7 milkweed, on roadsides and highway rights-of-  
8 way to enhance pollinator habitat, including lar-  
9 val host plants;

10 “(D) removing nonnative grasses from  
11 planting and seeding mixes, except for use as  
12 nurse or cover crops;

13 “(E) obtaining expert training or assist-  
14 ance on pollinator-friendly practices, includ-  
15 ing—

16 “(i) native plant identification;

17 “(ii) establishment and management  
18 of locally appropriate native plants that  
19 benefit pollinators;

20 “(iii) land management practices that  
21 benefit pollinators; and

22 “(iv) pollinator-focused integrated  
23 vegetation management; or

24 “(F) any other pollinator-friendly practices  
25 the Secretary determines to be appropriate.

1           “(2) COORDINATION.—In developing a plan  
2 under paragraph (1), an eligible entity that is a  
3 State department of transportation or a Federal  
4 land management agency shall coordinate with appli-  
5 cable State agencies, including State agencies with  
6 jurisdiction over agriculture and fish and wildlife.

7           “(3) CONSULTATION.—In developing a plan  
8 under paragraph (1)—

9                   “(A) an eligible entity that is a State de-  
10 partment of transportation or a Federal land  
11 management agency shall consult with affected  
12 or interested Indian tribes; and

13                   “(B) any eligible entity may consult with  
14 nonprofit organizations, institutions of higher  
15 education, metropolitan planning organizations,  
16 and any other relevant entities.

17           “(e) AWARD OF GRANTS.—

18                   “(1) IN GENERAL.—The Secretary shall provide  
19 a grant to each eligible entity that submits an appli-  
20 cation under subsection (c), including a plan under  
21 subsection (d), that the Secretary determines to be  
22 satisfactory.

23                   “(2) AMOUNT OF GRANTS.—The amount of a  
24 grant under this section—



1           “(A) shall be based on the number of polli-  
2           nator-friendly practices the eligible entity has  
3           implemented or plans to implement; and

4           “(B) shall not exceed \$150,000.

5           “(f) USE OF FUNDS.—An eligible entity that receives  
6 a grant under this section shall use the funds for the im-  
7 plementation, improvement, or further development of the  
8 plan under subsection (d).

9           “(g) FEDERAL SHARE.—The Federal share of the  
10 cost of an activity carried out with a grant under this sec-  
11 tion shall be 100 percent.

12          “(h) BEST PRACTICES.—The Secretary shall develop  
13 and make available to eligible entities best practices for,  
14 and a priority ranking of, pollinator-friendly practices on  
15 roadsides and highway rights-of-way.

16          “(i) TECHNICAL ASSISTANCE.—On request of an eli-  
17 gible entity that receives a grant under this section, the  
18 Secretary shall provide technical assistance with the imple-  
19 mentation, improvement, or further development of a plan  
20 under subsection (d).

21          “(j) ADMINISTRATIVE COSTS.—For each fiscal year,  
22 the Secretary may use not more than 2 percent of the  
23 amounts made available to carry out this section for the  
24 administrative costs of carrying out this section.

1       “(k) REPORT.—Not later than 1 year after the date  
 2 on which the first grant is provided under this section,  
 3 the Secretary shall submit to the Committee on Environ-  
 4 ment and Public Works of the Senate and the Committee  
 5 on Transportation and Infrastructure of the House of  
 6 Representatives a report on the implementation of the pro-  
 7 gram under this section.

8       “(l) AUTHORIZATION OF APPROPRIATIONS.—

9           “(1) IN GENERAL.—There is authorized to be  
 10 appropriated to carry out this section \$2,000,000 for  
 11 each of fiscal years 2022 through 2026.

12           “(2) AVAILABILITY.—Amounts made available  
 13 under this section shall remain available for a period  
 14 of 3 years after the last day of the fiscal year for  
 15 which the funds are authorized.”.

16       (b) CLERICAL AMENDMENT.—The analysis for chap-  
 17 ter 3 of title 23, United States Code (as amended by sec-  
 18 tion 1309(b)), is amended by adding at the end the fol-  
 19 lowing:

“332. Pollinator-friendly practices on roadsides and highway rights-of-way.”.

20 **SEC. 1529. ACTIVE TRANSPORTATION INFRASTRUCTURE IN-**  
 21 **VESTMENT PROGRAM.**

22       (a) IN GENERAL.—Subject to the availability of ap-  
 23 propriations, the Secretary shall carry out an active trans-  
 24 portation infrastructure investment program to make  
 25 grants, on a competitive basis, to eligible organizations to

1 construct eligible projects to provide safe and connected  
2 active transportation facilities in an active transportation  
3 network or active transportation spine.

4 (b) APPLICATION.—

5 (1) IN GENERAL.—To be eligible to receive a  
6 grant under this section, an eligible organization  
7 shall submit to the Secretary an application in such  
8 manner and containing such information as the Sec-  
9 retary may require.

10 (2) ELIGIBLE PROJECTS PARTIALLY ON FED-  
11 ERAL LAND.—With respect to an application for an  
12 eligible project that is located in part on Federal  
13 land, an eligible organization shall enter into a coop-  
14 erative agreement with the appropriate Federal  
15 agency with jurisdiction over such land to submit an  
16 application described in paragraph (1).

17 (c) APPLICATION CONSIDERATIONS.—In making a  
18 grant for construction of an active transportation network  
19 or active transportation spine under this section, the Sec-  
20 retary shall consider the following:

21 (1) Whether the eligible organization submitted  
22 a plan for an eligible project for the development of  
23 walking and bicycling infrastructure that is likely to  
24 provide substantial additional opportunities for walk-  
25 ing and bicycling, including effective plans—

1           (A) to create an active transportation net-  
2 work connecting destinations within or between  
3 communities, including schools, workplaces,  
4 residences, businesses, recreation areas, and  
5 other community areas, or create an active  
6 transportation spine connecting two or more  
7 communities, metropolitan regions, or States;  
8 and

9           (B) to integrate active transportation fa-  
10 cilities with transit services, where available, to  
11 improve access to public transportation.

12           (2) Whether the eligible organization dem-  
13 onstrates broad community support through—

14           (A) the use of public input in the develop-  
15 ment of transportation plans; and

16           (B) the commitment of community leaders  
17 to the success and timely implementation of an  
18 eligible project.

19           (3) Whether the eligible organization provides  
20 evidence of commitment to traffic safety, regula-  
21 tions, financial incentives, or community design poli-  
22 cies that facilitate significant increases in walking  
23 and bicycling.

24           (4) The extent to which the eligible organiza-  
25 tion demonstrates commitment of State, local, or eli-

1       gible Federal matching funds, and land or in-kind  
2       contributions, in addition to the local match required  
3       under subsection (f)(1), unless the applicant quali-  
4       fies for an exception under subsection (f)(2).

5           (5) The extent to which the eligible organiza-  
6       tion demonstrates that the grant will address exist-  
7       ing disparities in bicyclist and pedestrian fatality  
8       rates based on race or income level or provide access  
9       to jobs and services for low-income communities and  
10      communities of color.

11          (6) Whether the eligible organization dem-  
12      onstrates how investment in active transportation  
13      will advance safety for pedestrians and cyclists, ac-  
14      cessibility to jobs and key destinations, economic  
15      competitiveness, environmental protection, and qual-  
16      ity of life.

17      (d) USE OF FUNDS.—

18          (1) IN GENERAL.—Of the amounts made avail-  
19      able to carry out this section and subject to para-  
20      graphs (2) and (3), the Secretary shall obligate—

21           (A) not less than 30 percent to eligible  
22      projects that construct active transportation  
23      networks that connect people with public trans-  
24      portation, businesses, workplaces, schools, resi-

1           dences, recreation areas, and other community  
2           activity centers; and

3           (B) not less than 30 percent to eligible  
4           projects that construct active transportation  
5           spines.

6           (2) PLANNING AND DESIGN GRANTS.—Each fis-  
7           cal year, the Secretary shall set aside not less than  
8           \$3,000,000 of the funds made available to carry out  
9           this section to provide planning grants for eligible  
10          organizations to develop plans for active transpor-  
11          tation networks and active transportation spines.

12          (3) ADMINISTRATIVE COSTS.—Each fiscal year,  
13          the Secretary shall set aside not more than  
14          \$2,000,000 of the funds made available to carry out  
15          this section to cover the costs of administration, re-  
16          search, technical assistance, communications, and  
17          training activities under the program.

18          (4) LIMITATION ON STATUTORY CONSTRUC-  
19          TION.—Nothing in this subsection prohibits an eligi-  
20          ble organization from receiving research or other  
21          funds under title 23 or 49, United States Code.

22          (e) GRANT TIMING.—

23                 (1) REQUEST FOR APPLICATION.—Not later  
24                 than 30 days after funds are made available to carry  
25                 out this section for a fiscal year, the Secretary shall

1 publish in the Federal Register a request for appli-  
2 cations for grants under this section for that fiscal  
3 year.

4 (2) SELECTION OF GRANT RECIPIENTS.—Not  
5 later than 150 days after funds are made available  
6 to carry out this section for a fiscal year, the Sec-  
7 retary shall select grant recipients of grants under  
8 this section for that fiscal year.

9 (f) FEDERAL SHARE.—

10 (1) IN GENERAL.—Except as provided in para-  
11 graph (2), the Federal share of the cost of an eligi-  
12 ble project carried out using a grant under this sec-  
13 tion shall not exceed 80 percent of the total project  
14 cost.

15 (2) EXCEPTION FOR DISADVANTAGED COMMU-  
16 NITIES.—For eligible projects serving communities  
17 with a poverty rate of over 40 percent based on the  
18 majority of census tracts served by the eligible  
19 project, the Secretary may increase the Federal  
20 share of the cost of the eligible project up to 100  
21 percent of the total project cost.

22 (g) ASSISTANCE TO INDIAN TRIBES.—In carrying  
23 out this section, the Secretary may enter into grant agree-  
24 ments, self-determination contracts, and self-governance  
25 compacts under the Indian Self-Determination and Edu-

1 cation Assistance Act (25 U.S.C. 5301 et seq.) with Indian  
2 tribes that are eligible organizations, and such agree-  
3 ments, contracts, and compacts shall be administered in  
4 accordance with that Act.

5 (h) REPORTS.—

6 (1) INTERIM REPORT.—Not later than Sep-  
7 tember 30, 2024, the Secretary shall submit to Con-  
8 gress a report containing the information described  
9 in paragraph (3).

10 (2) FINAL REPORT.—Not later than September  
11 30, 2026, the Secretary shall submit to Congress a  
12 report containing the information described in para-  
13 graph (3).

14 (3) REPORT INFORMATION.—A report sub-  
15 mitted under this subsection shall contain the fol-  
16 lowing, with respect to the period covered by the ap-  
17 plicable report:

18 (A) A list of grants made under this sec-  
19 tion.

20 (B) Best practices of eligible organizations  
21 that receive grants under this section in imple-  
22 menting eligible projects.

23 (C) Impediments experienced by eligible  
24 organizations that receive grants under this sec-



1           tion in developing and shifting to active trans-  
2           portation.

3           (i) RULE REQUIRED.—Not later than 1 year after  
4 the date of enactment of this Act, the Secretary shall issue  
5 a final rule that encourages the use of the programmatic  
6 categorical exclusion, expedited procurement techniques,  
7 and other best practices to facilitate productive and timely  
8 expenditures for eligible projects that are small, low-im-  
9 pact, and constructed within an existing built environ-  
10 ment.

11           (j) AUTHORIZATION OF APPROPRIATIONS.—

12           (1) IN GENERAL.—There is authorized to be  
13 appropriated to the Secretary to carry out this sec-  
14 tion \$200,000,000 for each of fiscal years 2022  
15 through 2026.

16           (2) AVAILABILITY.—The amounts made avail-  
17 able to carry out this section shall remain available  
18 until expended.

19           (k) DEFINITIONS.—In this section:

20           (1) ACTIVE TRANSPORTATION.—The term “ac-  
21 tive transportation” means mobility options powered  
22 primarily by human energy, including bicycling and  
23 walking.

24           (2) ACTIVE TRANSPORTATION NETWORK.—The  
25 term “active transportation network” means facili-

1 ties built for active transportation, including side-  
2 walks, bikeways, and pedestrian and bicycle trails,  
3 that connect between destinations within a commu-  
4 nity or metropolitan region.

5 (3) ACTIVE TRANSPORTATION SPINE.—The  
6 term “active transportation spine” means facilities  
7 built for active transportation, including sidewalks,  
8 bikeways, and pedestrian and bicycle trails that con-  
9 nect between communities, metropolitan regions, or  
10 States.

11 (4) COMMUNITY.—The term “community”  
12 means a geographic area that is socioeconomically  
13 interdependent and may include rural, suburban,  
14 and urban jurisdictions.

15 (5) ELIGIBLE ORGANIZATION.—The term “eligi-  
16 ble organization” means—

17 (A) a local or regional governmental orga-  
18 nization, including a metropolitan planning or-  
19 ganization or regional planning organization or  
20 council;

21 (B) a multicounty special district;

22 (C) a State;

23 (D) a multistate group of governments; or

24 (E) an Indian tribe.

1           (6) ELIGIBLE PROJECT.—The term “eligible  
2 project” means an active transportation project or  
3 group of projects—

4           (A) within or between a community or  
5 group of communities, at least one of which  
6 falls within the jurisdiction of an eligible orga-  
7 nization, which has submitted an application  
8 under this section; and

9           (B) that has—

10           (i) a total cost of not less than  
11 \$15,000,000; or

12           (ii) with respect to planning and de-  
13 sign grants, planning and design costs of  
14 not less than \$100,000.

15           (7) INDIAN TRIBE.—The term “Indian tribe”  
16 has the meaning given the term in section 4 of the  
17 Indian Self-Determination and Education Assistance  
18 Act (25 U.S.C. 5304).

19           (8) TOTAL PROJECT COST.—The term “total  
20 project cost” means the sum total of all costs in-  
21 curred in the development of an eligible project that  
22 are approved by the Secretary as reasonable and  
23 necessary, including—

24           (A) the cost of acquiring real property;

1 (B) the cost of site preparation, demoli-  
2 tion, and development;

3 (C) expenses related to the issuance of  
4 bonds or notes;

5 (D) fees in connection with the planning,  
6 execution, and financing of the eligible project;

7 (E) the cost of studies, surveys, plans, per-  
8 mits, insurance, interest, financing, tax, and as-  
9 sessments;

10 (F) the cost of construction, rehabilitation,  
11 reconstruction, and equipping the eligible  
12 project;

13 (G) the cost of land improvements;

14 (H) contractor fees;

15 (I) the cost of training and education re-  
16 lated to the safety of users of any bicycle or pe-  
17 destrian network or spine constructed as part of  
18 an eligible project; and

19 (J) any other cost that the Secretary de-  
20 termines is necessary and reasonable.

1 **TITLE II—TRANSPORTATION IN-**  
2 **FRASTRUCTURE FINANCE**  
3 **AND INNOVATION**

4 **SEC. 2001. TRANSPORTATION INFRASTRUCTURE FINANCE**  
5 **AND INNOVATION ACT OF 1998 AMENDMENTS.**

6 (a) DEFINITIONS.—Section 601(a) of title 23, United  
7 States Code, is amended—

8 (1) in subparagraph (E) of paragraph (10), by  
9 striking “3 years” and inserting “5 years”; and

10 (2) in paragraph (12)—

11 (A) by striking subparagraph (E) and in-  
12 serting the following:

13 “(E) a project to improve or construct  
14 public infrastructure—

15 “(i) that—

16 “(I) is located within walking dis-  
17 tance of, and accessible to, a fixed  
18 guideway transit facility, passenger  
19 rail station, intercity bus station, or  
20 intermodal facility, including a trans-  
21 portation, public utility, or capital  
22 project described in section  
23 5302(3)(G)(v) of title 49, and related  
24 infrastructure; or

1           “(II) is a project for economic  
2           development, including commercial  
3           and residential development, and re-  
4           lated infrastructure and activities—

5                   “(aa) that incorporates pri-  
6                   vate investment;

7                   “(bb) that is physically or  
8                   functionally related to a pas-  
9                   senger rail station or multimodal  
10                  station that includes rail service;

11                  “(cc) for which the project  
12                  sponsor has a high probability of  
13                  commencing the contracting  
14                  process for construction by not  
15                  later than 90 days after the date  
16                  on which credit assistance under  
17                  the TIFIA program is provided  
18                  for the project; and

19                  “(dd) that has a high prob-  
20                  ability of reducing the need for  
21                  financial assistance under any  
22                  other Federal program for the  
23                  relevant passenger rail station or  
24                  service by increasing ridership,  
25                  tenant lease payments, or other

1 activities that generate revenue  
2 exceeding costs; and

3 “(ii) for which, by not later than Sep-  
4 tember 30, 2026, the Secretary has—

5 “(I) received a letter of interest;  
6 and

7 “(II) determined that the project  
8 is eligible for assistance;”;

9 (B) in subparagraph (F), by striking the  
10 period at the end and inserting a semicolon;  
11 and

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

13 “(G) an eligible airport-related project (as  
14 defined in section 40117(a) of title 49) for  
15 which, not later than September 30, 2025, the  
16 Secretary has—

17 “(i) received a letter of interest; and

18 “(ii) determined that the project is eli-  
19 gible for assistance; and

20 “(H) a project for the acquisition of plant  
21 and wildlife habitat pursuant to a conservation  
22 plan that—

23 “(i) has been approved by the Sec-  
24 retary of the Interior pursuant to section

1           10 of the Endangered Species Act of 1973  
2           (16 U.S.C. 1539); and

3           “(ii) in the judgment of the Secretary,  
4           would mitigate the environmental impacts  
5           of transportation infrastructure projects  
6           otherwise eligible for assistance under this  
7           title.”.

8           (b) ELIGIBILITY.—Section 602(a)(2) of title 23,  
9           United States Code, is amended—

10           (1) in subparagraph (A)(iv)—

11           (A) by striking “a rating” and inserting  
12           “an investment-grade rating”; and

13           (B) by striking “\$75,000,000” and insert-  
14           ing “\$150,000,000”; and

15           (2) in subparagraph (B)—

16           (A) by striking “the senior debt” and in-  
17           serting “senior debt”; and

18           (B) by striking “credit instrument is for  
19           an amount less than \$75,000,000” and insert-  
20           ing “total amount of other senior debt and the  
21           Federal credit instrument is less than  
22           \$150,000,000”.

23           (c) FEDERAL REQUIREMENTS.—Section 602(c)(1) of  
24           title 23, United States Code, is amended in the matter  
25           preceding subparagraph (A) by striking “and the require-



1 ments of section 5333(a) of title 49 for rail projects,” and  
2 inserting “the requirements of section 5333(a) of title 49  
3 for rail projects, and the requirements of sections  
4 47112(b) and 50101 of title 49 for airport-related  
5 projects,”.

6 (d) PROCESSING TIMELINES.—Section 602(d) of title  
7 23, United States Code, is amended—

8 (1) by redesignating paragraphs (1) and (2) as  
9 paragraphs (2) and (3), respectively;

10 (2) in paragraph (3) (as so redesignated), by  
11 striking “paragraph (1)” and inserting “paragraph  
12 (2)”; and

13 (3) by inserting before paragraph (2) (as so re-  
14 designated) the following:

15 “(1) PROCESSING TIMELINES.—Except in the  
16 case of an application described in subsection (a)(8)  
17 and to the maximum extent practicable, the Sec-  
18 retary shall provide an applicant with a specific esti-  
19 mate of the timeline for the approval or disapproval  
20 of the application of the applicant, which, to the  
21 maximum extent practicable, the Secretary shall en-  
22 deavor to complete by not later than 150 days after  
23 the date on which the applicant submits a letter of  
24 interest to the Secretary.”.

1 (e) MATURITY DATE OF CERTAIN SECURED  
2 LOANS.—Section 603(b)(5) of title 23, United States  
3 Code, is amended—

4 (1) in subparagraph (A), in the matter pre-  
5 ceding clause (i), by striking “subparagraph (B)”  
6 and inserting “subparagraphs (B) and (C)”; and

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

8 “(C) LONG LIVED ASSETS.—In the case of  
9 a capital asset with an estimated life of more  
10 than 50 years, the final maturity date of the se-  
11 cured loan shall be the lesser of—

12 “(i) 75 years after the date of sub-  
13 stantial completion of the project; or

14 “(ii) 75 percent of the estimated use-  
15 ful life of the capital asset.”.

16 (f) SECURED LOANS.—Section 603(c)(4)(A) of title  
17 23, United States Code, is amended—

18 (1) by striking “Any excess” and inserting the  
19 following:

20 “(i) IN GENERAL.—Except as pro-  
21 vided in clause (ii), any excess”; and

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

23 “(ii) CERTAIN APPLICANTS.—In the  
24 case of a secured loan or other secured  
25 Federal credit instrument provided after

1           the date of enactment of the Surface  
2           Transportation Reauthorization Act of  
3           2021, if the obligor is a governmental enti-  
4           ty, agency, or instrumentality, the obligor  
5           shall not be required to prepay the secured  
6           loan or other secured Federal credit instru-  
7           ment with any excess revenues described in  
8           clause (i) if the obligor enters into an  
9           agreement to use those excess revenues  
10          only for purposes authorized under this  
11          title or title 49.”.

12          (g) TECHNICAL AMENDMENT.—Section 602(e) of  
13 title 23, United States Code, is amended by striking “sec-  
14 tion 601(a)(1)(A)” and inserting “section 601(a)(2)(A)”.

15          (h) STREAMLINED APPLICATION PROCESS.—Section  
16 603(f) of title 23, United States Code, is amended by add-  
17 ing at the end the following:

18           “(3) ADDITIONAL TERMS FOR EXPEDITED DE-  
19           CISIONS.—

20           “(A) IN GENERAL.—Not later than 120  
21           days after the date of enactment of this para-  
22           graph, the Secretary shall implement an expe-  
23           dited decision timeline for public agency bor-  
24           rowers seeking secured loans that meet—

1 “(i) the terms under paragraph (2);

2 and

3 “(ii) the additional criteria described  
4 in subparagraph (B).

5 “(B) ADDITIONAL CRITERIA.—The addi-  
6 tional criteria referred to in subparagraph  
7 (A)(ii) are the following:

8 “(i) The secured loan is made on  
9 terms and conditions that substantially  
10 conform to the conventional terms and  
11 conditions established by the National Sur-  
12 face Transportation Innovative Finance  
13 Bureau.

14 “(ii) The secured loan is rated in the  
15 A category or higher.

16 “(iii) The TIFIA program share of el-  
17 igible project costs is 33 percent or less.

18 “(iv) The applicant demonstrates a  
19 reasonable expectation that the contracting  
20 process for the project can commence by  
21 not later than 90 days after the date on  
22 which a Federal credit instrument is obli-  
23 gated for the project under the TIFIA pro-  
24 gram.

1           “(v) The project has received a cat-  
2           egorical exclusion, a finding of no signifi-  
3           cant impact, or a record of decision under  
4           the National Environmental Policy Act of  
5           1969 (42 U.S.C. 4321 et seq.).

6           “(C) WRITTEN NOTICE.—The Secretary  
7           shall provide to an applicant seeking a secured  
8           loan under the expedited decision process under  
9           this paragraph a written notice informing the  
10          applicant whether the Secretary has approved  
11          or disapproved the application by not later than  
12          180 days after the date on which the Secretary  
13          submits to the applicant a letter indicating that  
14          the National Surface Transportation Innovative  
15          Finance Bureau has commenced the credit-  
16          worthiness review of the project.”.

17          (i) FUNDING.—

18                 (1) IN GENERAL.—Section 608(a) of title 23,  
19          United States Code, is amended—

20                         (A) by redesignating paragraphs (4) and  
21                         (5) as paragraphs (5) and (6), respectively;

22                         (B) by inserting after paragraph (3) the  
23          following:

24                         “(4) LIMITATION FOR CERTAIN PROJECTS.—

1           “(A) TRANSIT-ORIENTED DEVELOPMENT  
2 PROJECTS.—For each fiscal year, the Secretary  
3 may use to carry out projects described in sec-  
4 tion 601(a)(12)(E) not more than 15 percent of  
5 the amounts made available to carry out the  
6 TIFIA program for that fiscal year.

7           “(B) AIRPORT-RELATED PROJECTS.—The  
8 Secretary may use to carry out projects de-  
9 scribed in section 601(a)(12)(G)—

10           “(i) for each fiscal year, not more  
11 than 15 percent of the amounts made  
12 available to carry out the TIFIA program  
13 under the Surface Transportation Reau-  
14 thorization Act of 2021 for that fiscal  
15 year; and

16           “(ii) for the period of fiscal years  
17 2022 through 2026, not more than 15 per-  
18 cent of the unobligated carryover balances  
19 (as of October 1, 2021).”; and

20           (C) by striking paragraph (6) (as so reded-  
21 igned) and inserting the following:

22           “(6) ADMINISTRATIVE COSTS.—Of the amounts  
23 made available to carry out the TIFIA program, the  
24 Secretary may use not more than \$10,000,000 for

1 each of fiscal years 2022 through 2026 for the ad-  
2 ministration of the TIFIA program.”.

3 (2) CONFORMING AMENDMENT.—Section  
4 605(f)(1) of title 23, United States Code, is amend-  
5 ed by striking “section 608(a)(5)” and inserting  
6 “section 608(a)(6)”.

7 (j) STATUS REPORTS.—Section 609 of title 23,  
8 United States Code, is amended by adding at the end the  
9 following:

10 “(c) STATUS REPORTS.—

11 “(1) IN GENERAL.—The Secretary shall publish  
12 on the website for the TIFIA program—

13 “(A) on a monthly basis, a current status  
14 report on all submitted letters of interest and  
15 applications received for assistance under the  
16 TIFIA program; and

17 “(B) on a quarterly basis, a current status  
18 report on all approved applications for assist-  
19 ance under the TIFIA program.

20 “(2) INCLUSIONS.—Each monthly and quar-  
21 terly status report under paragraph (1) shall in-  
22 clude, at a minimum, with respect to each project in-  
23 cluded in the status report—

24 “(A) the name of the party submitting the  
25 letter of interest or application;

1 “(B) the name of the project;

2 “(C) the date on which the letter of inter-  
3 est or application was received;

4 “(D) the estimated project eligible costs;

5 “(E) the type of credit assistance sought;

6 and

7 “(F) the anticipated fiscal year and quar-  
8 ter for closing of the credit assistance.”.

9 (k) STATE INFRASTRUCTURE BANK PROGRAM.—Sec-  
10 tion 610 of title 23, United States Code, is amended—

11 (1) in subsection (d)—

12 (A) in paragraph (1)(A), by striking “fis-  
13 cal years 2016 through 2020” and inserting  
14 “fiscal years 2022 through 2026”;

15 (B) in paragraph (2), by striking “fiscal  
16 years 2016 through 2020” and inserting “fiscal  
17 years 2022 through 2026”; and

18 (C) in paragraph (3), by striking “fiscal  
19 years 2016 through 2020” and inserting “fiscal  
20 years 2022 through 2026”; and

21 (2) in subsection (k), by striking “fiscal years  
22 2016 through 2020” and inserting “fiscal years  
23 2022 through 2026”.

24 (l) REPORT.—Not later than September 30, 2025,  
25 the Secretary shall submit to the Committee on Environ-



1 ment and Public Works of the Senate and the Committee  
 2 on Transportation and Infrastructure of the House of  
 3 Representatives a report on the impact of the amendment  
 4 relating to airport-related projects under subsection  
 5 (a)(2)(C) and subsection (i)(1)(B), including—

6 (1) information on the use of TIFIA program  
 7 (as defined in section 601(a) of title 23, United  
 8 States Code) funds for eligible airport-related  
 9 projects (as defined in section 40117(a) of title 49,  
 10 United States Code); and

11 (2) recommendations for modifications to the  
 12 TIFIA program.

13 **TITLE III—RESEARCH,**  
 14 **TECHNOLOGY, AND EDUCATION**

15 **SEC. 3001. STRATEGIC INNOVATION FOR REVENUE COL-**  
 16 **LECTION.**

17 (a) IN GENERAL.—The Secretary shall establish a  
 18 program to test the feasibility of a road usage fee and  
 19 other user-based alternative revenue mechanisms (referred  
 20 to in this section as “user-based alternative revenue mech-  
 21 anisms”) to help maintain the long-term solvency of the  
 22 Highway Trust Fund, through pilot projects at the State,  
 23 local, and regional level.

24 (b) GRANTS.—

1           (1) IN GENERAL.—The Secretary shall provide  
2 grants to eligible entities to carry out pilot projects  
3 under this section.

4           (2) APPLICATIONS.—To be eligible for a grant  
5 under this section, an eligible entity shall submit to  
6 the Secretary an application at such time, in such  
7 manner, and containing such information as the Sec-  
8 retary may require.

9           (3) OBJECTIVES.—The Secretary shall ensure  
10 that, in the aggregate, the pilot projects carried out  
11 using funds provided under this section meet the fol-  
12 lowing objectives:

13                   (A) To test the design, acceptance, equity,  
14 and implementation of user-based alternative  
15 revenue mechanisms, including among—

16                           (i) differing income groups; and

17                           (ii) rural and urban drivers, as appli-  
18 cable.

19                   (B) To provide recommendations regarding  
20 adoption and implementation of user-based al-  
21 ternative revenue mechanisms.

22                   (C) To quantify and minimize the adminis-  
23 trative costs of any potential user-based alter-  
24 native revenue mechanisms.

1           (D) To test a variety of solutions, includ-  
2           ing the use of independent and private third-  
3           party vendors, for the collection of data and  
4           fees from user-based alternative revenue mecha-  
5           nisms, including the reliability and security of  
6           those solutions and vendors.

7           (E) To test solutions to ensure the privacy  
8           and security of data collected for the purpose of  
9           implementing a user-based alternative revenue  
10          mechanism.

11          (F) To conduct public education and out-  
12          reach to increase public awareness regarding  
13          the need for user-based alternative revenue  
14          mechanisms for surface transportation pro-  
15          grams.

16          (G) To evaluate the ease of compliance and  
17          enforcement of a variety of implementation ap-  
18          proaches for different users of the surface  
19          transportation system.

20          (H) To ensure, to the greatest extent prac-  
21          ticable, the use of innovation.

22          (I) To consider, to the greatest extent  
23          practicable, the potential for revenue collection  
24          along a network of alternative fueling stations.

1 (J) To evaluate the impacts of the imposi-  
2 tion of a user-based alternative revenue mecha-  
3 nism on—

4 (i) transportation revenues;

5 (ii) personal mobility, driving pat-  
6 terns, congestion, and transportation costs;  
7 and

8 (iii) freight movement and costs.

9 (K) To evaluate options for the integration  
10 of a user-based alternative revenue mechanism  
11 with—

12 (i) nationwide transportation revenue  
13 collections and regulations;

14 (ii) toll revenue collection platforms;

15 (iii) transportation network company  
16 fees; and

17 (iv) any other relevant transportation  
18 revenue mechanisms.

19 (4) ELIGIBLE ENTITY.—An entity eligible to  
20 apply for a grant under this section is—

21 (A) a State or a group of States;

22 (B) a local government or a group of local  
23 governments; or

24 (C) a metropolitan planning organization  
25 (as defined in section 134(b) of title 23, United

1 States Code) or a group of metropolitan plan-  
2 ning organizations.

3 (5) USE OF FUNDS.—An eligible entity that re-  
4 ceives a grant under this section shall use the grant  
5 to carry out a pilot project to address 1 or more of  
6 the objectives described in paragraph (3).

7 (6) CONSIDERATION.—The Secretary shall con-  
8 sider geographic diversity in awarding grants under  
9 this subsection.

10 (7) FEDERAL SHARE.—The Federal share of  
11 the cost of a pilot project carried out under this sec-  
12 tion may not exceed—

13 (A) 80 percent of the total cost of a  
14 project carried out by an eligible entity that has  
15 not otherwise received a grant under this sec-  
16 tion; and

17 (B) 70 percent of the total cost of a  
18 project carried out by an eligible entity that has  
19 received at least 1 grant under this section.

20 (c) LIMITATION ON REVENUE COLLECTED.—Any  
21 revenue collected through a user-based alternative revenue  
22 mechanism established using funds provided under this  
23 section shall not be considered a toll under section 301  
24 of title 23, United States Code.

1 (d) RECOMMENDATIONS AND REPORT.—Not later  
2 than 3 years after the date of enactment of this Act, the  
3 Secretary, in coordination with the Secretary of the Treas-  
4 ury and the Federal System Funding Alternative Advisory  
5 Board established under section 3002(g)(1), shall submit  
6 to the Committee on Environment and Public Works of  
7 the Senate and the Committee on Transportation and In-  
8 frastructure of the House of Representatives a report  
9 that—

10 (1) summarizes the results of the pilot projects  
11 under this section and the national pilot program  
12 under section 3002; and

13 (2) provides recommendations, if applicable, to  
14 enable potential implementation of a nationwide  
15 user-based alternative revenue mechanism.

16 (e) FUNDING.—

17 (1) IN GENERAL.—Of the funds made available  
18 to carry out section 503(b) of title 23, United States  
19 Code, for each of fiscal years 2022 through 2026  
20 \$15,000,000 shall be used for pilot projects under  
21 this section.

22 (2) FLEXIBILITY.—If, by August 1 of each fis-  
23 cal year, the Secretary determines that there are not  
24 enough grant applications to meet the requirements  
25 of this section for that fiscal year, the Secretary

1 shall transfer to the national pilot program under  
2 section 3002 or to the highway research and devel-  
3 opment program under section 503(b) of title 23,  
4 United States Code—

5 (A) any funds reserved for a fiscal year  
6 under paragraph (1) that the Secretary has not  
7 yet awarded under this section; and

8 (B) an amount of obligation limitation  
9 equal to the amount of funds that the Secretary  
10 transfers under subparagraph (A).

11 (f) REPEAL.—

12 (1) IN GENERAL.—Section 6020 of the FAST  
13 Act (23 U.S.C. 503 note; Public Law 114–94) is re-  
14 pealed.

15 (2) CLERICAL AMENDMENT.—The table of con-  
16 tents in section 1(b) of the FAST Act (Public Law  
17 114–94; 129 Stat. 1312) is amended by striking the  
18 item relating to section 6020.

19 **SEC. 3002. NATIONAL MOTOR VEHICLE PER-MILE USER FEE**  
20 **PILOT.**

21 (a) DEFINITIONS.—In this section:

22 (1) ADVISORY BOARD.—The term “advisory  
23 board” means the Federal System Funding Alter-  
24 native Advisory Board established under subsection  
25 (g)(1).

1           (2) COMMERCIAL VEHICLE.—The term “com-  
2           mercial vehicle” has the meaning given the term  
3           commercial motor vehicle in section 31101 of title  
4           49, United States Code.

5           (3) HIGHWAY TRUST FUND.—The term “High-  
6           way Trust Fund” means the Highway Trust Fund  
7           established under section 9503 of the Internal Rev-  
8           enue Code of 1986.

9           (4) LIGHT TRUCK.—The term “light truck” has  
10          the meaning given the term in section 523.2 of title  
11          49, Code of Federal Regulations (or successor regu-  
12          lations).

13          (5) MEDIUM- AND HEAVY-DUTY TRUCK.—The  
14          term “medium- and heavy-duty truck” has the  
15          meaning given the term “commercial medium- and  
16          heavy-duty on-highway vehicle” in section 32901(a)  
17          of title 49, United States Code.

18          (6) PASSENGER MOTOR VEHICLE.—The term  
19          “passenger motor vehicle” has the meaning given  
20          the term in section 32101 of title 49, United States  
21          Code.

22          (7) PER-MILE USER FEE.—The term “per-mile  
23          user fee” means a revenue mechanism that—



1 (A) is applied to road users operating  
2 motor vehicles on the surface transportation  
3 system; and

4 (B) is based on the number of vehicle miles  
5 traveled by an individual road user.

6 (8) PILOT PROGRAM.—The term “pilot pro-  
7 gram” means the pilot program established under  
8 subsection (b)(1).

9 (9) VOLUNTEER PARTICIPANT.—The term “vol-  
10 unteer participant” means—

11 (A) an owner or lessee of a private, per-  
12 sonal motor vehicle who volunteers to partici-  
13 pate in the pilot program;

14 (B) a commercial vehicle operator who vol-  
15 unteers to participate in the pilot program; or

16 (C) an owner of a motor vehicle fleet who  
17 volunteers to participate in the pilot program.

18 (b) ESTABLISHMENT.—

19 (1) IN GENERAL.—The Secretary, in coordina-  
20 tion with the Secretary of the Treasury, and con-  
21 sistent with the recommendations of the advisory  
22 board, shall establish a pilot program to demonstrate  
23 a national motor vehicle per-mile user fee—

24 (A) to restore and maintain the long-term  
25 solvency of the Highway Trust Fund; and

1 (B) to improve and maintain the surface  
2 transportation system.

3 (2) OBJECTIVES.—The objectives of the pilot  
4 program are—

5 (A) to test the design, acceptance, imple-  
6 mentation, and financial sustainability of a na-  
7 tional motor vehicle per-mile user fee;

8 (B) to address the need for additional rev-  
9 enue for surface transportation infrastructure  
10 and a national motor vehicle per-mile user fee;  
11 and

12 (C) to provide recommendations relating to  
13 the adoption and implementation of a national  
14 motor vehicle per-mile user fee.

15 (c) PARAMETERS.—In carrying out the pilot pro-  
16 gram, the Secretary, in coordination with the Secretary  
17 of the Treasury, shall—

18 (1) provide different methods that volunteer  
19 participants can choose from to track motor vehicle  
20 miles traveled;

21 (2) solicit volunteer participants from all 50  
22 States, the District of Columbia, and the Common-  
23 wealth of Puerto Rico;

24 (3) ensure an equitable geographic distribution  
25 by population among volunteer participants;

1           (4) include commercial vehicles and passenger  
2 motor vehicles; and

3           (5) use components of and, where appropriate,  
4 coordinate with—

5           (A) the States that received a grant under  
6 section 6020 of the FAST Act (23 U.S.C. 503  
7 note; Public Law 114–94) (as in effect on the  
8 day before the date of enactment of this Act);  
9 and

10           (B) eligible entities that received a grant  
11 under section 3001.

12 (d) METHODS.—

13           (1) TOOLS.—In selecting the methods described  
14 in subsection (c)(1), the Secretary shall coordinate  
15 with entities that voluntarily provide to the Sec-  
16 retary for use under the pilot program any of the  
17 following vehicle-miles-traveled collection tools:

18           (A) Third-party on-board diagnostic  
19 (OBD–II) devices.

20           (B) Smart phone applications.

21           (C) Telemetric data collected by auto-  
22 makers.

23           (D) Motor vehicle data obtained by car in-  
24 surance companies.

1           (E) Data from the States that received a  
2           grant under section 6020 of the FAST Act (23  
3           U.S.C. 503 note; Public Law 114–94) (as in ef-  
4           fect on the day before the date of enactment of  
5           this Act).

6           (F) Motor vehicle data obtained from fuel-  
7           ing stations.

8           (G) Any other method that the Secretary  
9           considers appropriate.

10          (2) COORDINATION.—

11           (A) SELECTION.—The Secretary shall de-  
12           termine which collection tools under paragraph  
13           (1) are selected for the pilot program.

14           (B) VOLUNTEER PARTICIPANTS.—In a  
15           manner that the Secretary considers appro-  
16           priate, the Secretary shall enable each volunteer  
17           participant to choose 1 of the selected collection  
18           tools under paragraph (1).

19          (e) MOTOR VEHICLE PER-MILE USER FEES.—For  
20          the purposes of the pilot program, the Secretary of the  
21          Treasury shall establish, on an annual basis, per-mile user  
22          fees for passenger motor vehicles, light trucks, and  
23          medium- and heavy-duty trucks, which amount may vary  
24          between vehicle types and weight classes to reflect esti-

1 mated impacts on infrastructure, safety, congestion, the  
2 environment, or other related social impacts.

3 (f) VOLUNTEER PARTICIPANTS.—The Secretary, in  
4 coordination with the Secretary of the Treasury, shall—

5 (1)(A) ensure, to the extent practicable, that  
6 the greatest number of volunteer participants par-  
7 ticipate in the pilot program; and

8 (B) ensure that such volunteer participants rep-  
9 resent geographically diverse regions of the United  
10 States, including from urban and rural areas; and

11 (2) issue policies relating to the protection of  
12 volunteer participants, including policies that—

13 (A) protect the privacy of volunteer partici-  
14 pants; and

15 (B) secure the data provided by volunteer  
16 participants.

17 (g) FEDERAL SYSTEM FUNDING ALTERNATIVE AD-  
18 VISORY BOARD.—

19 (1) IN GENERAL.—Not later than 90 days after  
20 the date of enactment of this Act, the Secretary  
21 shall establish an advisory board, to be known as the  
22 “Federal System Funding Alternative Advisory  
23 Board”, to assist with—

24 (A) providing the Secretary with rec-  
25 ommendations related to the structure, scope,

1 and methodology for developing and imple-  
2 menting the pilot program;

3 (B) carrying out the public awareness cam-  
4 paign under subsection (h); and

5 (C) developing the report under subsection  
6 (n).

7 (2) MEMBERSHIP.—The advisory board shall  
8 include, at a minimum, the following representatives  
9 and entities, to be appointed by the Secretary:

10 (A) State departments of transportation.

11 (B) Any public or nonprofit entity that led  
12 a surface transportation system funding alter-  
13 natives pilot project under section 6020 of the  
14 FAST Act (23 U.S.C. 503 note; Public Law  
15 114–94) (as in effect on the day before the date  
16 of enactment of this Act).

17 (C) Representatives of the trucking indus-  
18 try, including owner-operator independent driv-  
19 ers.

20 (D) Data security experts with expertise in  
21 personal privacy.

22 (E) Academic experts on surface transpor-  
23 tation systems.

24 (F) Consumer advocates, including privacy  
25 experts.

- 1 (G) Advocacy groups focused on equity.
- 2 (H) Owners of motor vehicle fleets.
- 3 (I) Owners and operators of toll facilities.
- 4 (J) Tribal groups or representatives.
- 5 (K) Any other representatives or entities,
- 6 as determined appropriate by the Secretary.

7 (3) RECOMMENDATIONS.—Not later than 1  
8 year after the date on which the advisory board is  
9 established under paragraph (1), the advisory board  
10 shall provide the Secretary with the recommenda-  
11 tions described in subparagraph (A) of that para-  
12 graph, which the Secretary shall use in imple-  
13 menting the pilot program.

14 (h) PUBLIC AWARENESS CAMPAIGN.—

15 (1) IN GENERAL.—The Secretary, with guid-  
16 ance from the advisory board, may carry out a pub-  
17 lic awareness campaign to increase public awareness  
18 regarding a national motor vehicle per-mile user fee,  
19 including distributing information—

20 (A) related to the pilot program;

21 (B) from the State surface transportation  
22 system funding alternatives pilot program  
23 under section 6020 of the FAST Act (23  
24 U.S.C. 503 note; Public Law 114–94) (as in ef-

1           fect on the day before the date of enactment of  
2           this Act); and

3                   (C) related to consumer privacy.

4           (2) CONSIDERATIONS.—In carrying out the  
5           public awareness campaign under this subsection,  
6           the Secretary shall consider issues unique to each  
7           State.

8           (i) REVENUE COLLECTION.—The Secretary of the  
9           Treasury, in coordination with the Secretary, shall estab-  
10          lish a mechanism to collect motor vehicle per-mile user  
11          fees established under subsection (e) from volunteer par-  
12          ticipants, which—

13                   (1) may be adjusted as needed to address tech-  
14          nical challenges; and

15                   (2) may allow independent and private third-  
16          party vendors to collect the motor vehicle per-mile  
17          user fees and forward such fees to the Treasury.

18          (j) AGREEMENT.—The Secretary may enter into an  
19          agreement with a volunteer participant containing such  
20          terms and conditions as the Secretary considers necessary  
21          for participation in the pilot program.

22          (k) LIMITATION.—Any revenue collected through the  
23          mechanism established under subsection (i) shall not be  
24          considered a toll under section 301 of title 23, United  
25          States Code.



1           (l) HIGHWAY TRUST FUND.—The Secretary of the  
2 Treasury shall ensure that any revenue collected under  
3 subsection (i) is deposited into the Highway Trust Fund.

4           (m) REFUND.—Not more than 45 days after the end  
5 of each calendar quarter in which a volunteer participant  
6 has participated in the pilot program, the Secretary of the  
7 Treasury shall calculate and issue an equivalent refund  
8 to such volunteer participant for applicable Federal motor  
9 fuel taxes under section 4041 and section 4081 of the In-  
10 ternal Revenue Code of 1986.

11          (n) REPORT TO CONGRESS.—Not later than 1 year  
12 after the date on which volunteer participants begin par-  
13 ticipating in the pilot program, and each year thereafter  
14 for the duration of the pilot program, the Secretary and  
15 the Secretary of the Treasury shall submit to the Com-  
16 mittee on Environment and Public Works of the Senate  
17 and the Committee on Transportation and Infrastructure  
18 of the House of Representatives a report that includes an  
19 analysis of—

20               (1) whether the objectives described in sub-  
21 section (b)(2) were achieved;

22               (2) how volunteer participant protections in  
23 subsection (f)(2) were complied with;

24               (3) whether motor vehicle per-mile user fees can  
25 maintain the long-term solvency of the Highway

1 Trust Fund and improve and maintain the surface  
2 transportation system, which shall include estimates  
3 of administrative costs related to collecting such  
4 motor vehicle per mile user fees;

5 (4) how the privacy of volunteers was main-  
6 tained; and

7 (5) equity impacts of the pilot program, includ-  
8 ing the impacts of the pilot program on low-income  
9 commuters.

10 (o) FUNDING.—

11 (1) IN GENERAL.—Of the funds made available  
12 to carry out section 503(b) of title 23, United States  
13 Code, for each of fiscal years 2022 through 2026  
14 \$10,000,000 shall be used to carry out the pilot pro-  
15 gram under this section.

16 (2) EXCESS FUNDS.—Any excess funds remain-  
17 ing after carrying out the pilot program under this  
18 section shall be available to make grants for pilot  
19 projects under section 3001.

20 **SEC. 3003. PERFORMANCE MANAGEMENT DATA SUPPORT**  
21 **PROGRAM.**

22 Section 6028(c) of the FAST Act (23 U.S.C. 150  
23 note; Public Law 114–94) is amended by striking “fiscal  
24 years 2016 through 2020” and inserting “fiscal years  
25 2022 through 2026”.

1 **SEC. 3004. DATA INTEGRATION PILOT PROGRAM.**

2 (a) ESTABLISHMENT.—The Secretary shall establish  
3 a pilot program—

4 (1) to provide research and develop models that  
5 integrate, in near-real-time, data from multiple  
6 sources, including geolocated—

7 (A) weather conditions;

8 (B) roadway conditions;

9 (C) incidents, work zones, and other non-  
10 recurring events related to emergency planning;  
11 and

12 (D) information from emergency respond-  
13 ers; and

14 (2) to facilitate data integration between the  
15 Department, the National Weather Service, and  
16 other sources of data that provide real-time data  
17 with respect to roadway conditions during or as a re-  
18 sult of severe weather events, including, at a min-  
19 imum—

20 (A) winter weather;

21 (B) heavy rainfall; and

22 (C) tropical weather events.

23 (b) REQUIREMENTS.—In carrying out subsection  
24 (a)(1), the Secretary shall—

25 (1) address the safety, resiliency, and vulner-  
26 ability of the transportation system to disasters; and

1           (2) develop tools for decisionmakers and other  
2           end-users who could use or benefit from the inte-  
3           grated data described in that subsection to improve  
4           public safety and mobility.

5           (c) TREATMENT.—Except as otherwise provided in  
6           this section, the Secretary shall carry out activities under  
7           the pilot program under this section as if—

8           (1) those activities were authorized under chap-  
9           ter 5 of title 23, United States Code; and

10          (2) the funds made available to carry out the  
11          pilot program were made available under that chap-  
12          ter.

13          (d) AUTHORIZATION OF APPROPRIATIONS.—There is  
14          authorized to be appropriated to carry out this section  
15          \$2,500,000 for each of fiscal years 2022 through 2026,  
16          to remain available until expended.

17 **SEC. 3005. EMERGING TECHNOLOGY RESEARCH PILOT**  
18 **PROGRAM.**

19          (a) ESTABLISHMENT.—The Secretary shall establish  
20          a pilot program to conduct emerging technology research  
21          in accordance with this section.

22          (b) ACTIVITIES.—The pilot program under this sec-  
23          tion shall include—

24                (1) research and development activities relating  
25                to leveraging advanced and additive manufacturing

1 technologies to increase the structural integrity and  
2 cost-effectiveness of surface transportation infra-  
3 structure; and

4 (2) research and development activities (includ-  
5 ing laboratory and test track supported accelerated  
6 pavement testing research regarding the impacts of  
7 connected, autonomous, and platooned vehicles on  
8 pavement and infrastructure performance)—

9 (A) to reduce the impact of automated and  
10 connected driving systems and advanced driver-  
11 assistance systems on pavement and infrastruc-  
12 ture performance; and

13 (B) to improve transportation infrastruc-  
14 ture design in anticipation of increased usage of  
15 automated driving systems and advanced driv-  
16 er-assistance systems.

17 (c) TREATMENT.—Except as otherwise provided in  
18 this section, the Secretary shall carry out activities under  
19 the pilot program under this section as if—

20 (1) those activities were authorized under chap-  
21 ter 5 of title 23, United States Code; and

22 (2) the funds made available to carry out the  
23 pilot program were made available under that chap-  
24 ter.

1 (d) AUTHORIZATION OF APPROPRIATIONS.—There is  
2 authorized to be appropriated to carry out this section  
3 \$5,000,000 for each of fiscal years 2022 through 2026,  
4 to remain available until expended.

5 **SEC. 3006. RESEARCH AND TECHNOLOGY DEVELOPMENT**  
6 **AND DEPLOYMENT.**

7 (a) IN GENERAL.—Section 503 of title 23, United  
8 States Code, is amended—

9 (1) in subsection (a)(2), by striking “section  
10 508” and inserting “section 6503 of title 49”;

11 (2) in subsection (b)—

12 (A) in paragraph (1)—

13 (i) in subparagraph (C), by striking  
14 “and” at the end;

15 (ii) in subparagraph (D), by striking  
16 the period at the end and inserting a semi-  
17 colon; and

18 (iii) by adding at the end the fol-  
19 lowing:

20 “(E) engage with public and private enti-  
21 ties to spur advancement of emerging trans-  
22 formative innovations through accelerated mar-  
23 ket readiness; and

1           “(F) consult frequently with public and  
2 private entities on new transportation tech-  
3 nologies.”;

4           (B) in paragraph (2)(C)—

5           (i) by redesignating clauses (x)  
6 through (xv) as clauses (xi) through (xvi),  
7 respectively; and

8           (ii) by inserting after clause (ix) the  
9 following:

10           “(x) safety measures to reduce the  
11 number of wildlife-vehicle collisions;”;

12           (C) in paragraph (3)—

13           (i) in subparagraph (B)(viii), by in-  
14 serting “weather” after “extreme”; and

15           (ii) in subparagraph (C)—

16           (I) in clause (xv), by inserting  
17 “extreme weather events and” after  
18 “withstand”;

19           (II) in clause (xviii), by striking  
20 “and” at the end;

21           (III) in clause (xix), by striking  
22 the period at the end and inserting “;  
23 and”; and

24           (IV) by adding at the end the fol-  
25 lowing:

1           “(xx) studies on the deployment and  
2 revenue potential of the deployment of en-  
3 ergy and broadband infrastructure in high-  
4 way rights-of-way, including potential ad-  
5 verse impacts of the use or nonuse of those  
6 rights-of-way.”;

7           (D) in paragraph (6)—

8           (i) in subparagraph (A), by striking  
9 “and” at the end;

10           (ii) in subparagraph (B), by striking  
11 the period at the end and inserting “;  
12 and”; and

13           (iii) by adding at the end the fol-  
14 lowing:

15           “(C) to support research on non-market-  
16 ready technologies in consultation with public  
17 and private entities.”;

18           (E) in paragraph (7)(B)—

19           (i) in the matter preceding clause (i),  
20 by inserting “innovations by leading” after  
21 “support”;

22           (ii) in clause (iii), by striking “and”  
23 at the end;

24           (iii) in clause (iv), by striking the pe-  
25 riod at the end and inserting “; and”; and



1 (iv) by adding at the end the fol-  
2 lowing:

3 “(v) the evaluation of information  
4 from accelerated market readiness efforts,  
5 including non-market-ready technologies,  
6 in consultation with other offices of the  
7 Federal Highway Administration and key  
8 partners.”;

9 (F) in paragraph (8)(A), by striking “fu-  
10 ture highway” and all that follows through  
11 “needs.” and inserting the following: “current  
12 conditions and future needs of highways,  
13 bridges, and tunnels of the United States, in-  
14 cluding—

15 “(i) the conditions and performance of  
16 the highway network for freight movement;

17 “(ii) intelligent transportation sys-  
18 tems;

19 “(iii) resilience needs; and

20 “(iv) the backlog of current highway,  
21 bridge, and tunnel needs.”; and

22 (G) by adding at the end the following:

23 “(9) ANALYSIS TOOLS.—The Secretary may de-  
24 velop interactive modeling tools and databases  
25 that—

1           “(A) track the full condition of highway  
2 assets, including interchanges, and the recon-  
3 struction history of those assets;

4           “(B) can be used to assess transportation  
5 options;

6           “(C) allow for the monitoring and mod-  
7 eling of network-level traffic flows on highways;  
8 and

9           “(D) further Federal and State under-  
10 standing of the importance of national and re-  
11 gional connectivity and the need for long-dis-  
12 tance and interregional passenger and freight  
13 travel by highway and other surface transpor-  
14 tation modes.”; and

15 (3) in subsection (c)—

16           (A) in paragraph (1)—

17           (i) in the matter preceding subpara-  
18 graph (A), by inserting “use of rights-of-  
19 way permissible under applicable law,”  
20 after “structures,”;

21           (ii) in subparagraph (D), by striking  
22 “and” at the end;

23           (iii) in subparagraph (E), by striking  
24 the period at the end and inserting “;  
25 and”; and

1 (iv) by adding at the end the fol-  
2 lowing:

3 “(F) disseminating and evaluating infor-  
4 mation from accelerated market readiness ef-  
5 forts, including non-market-ready technologies,  
6 to public and private entities.”;

7 (B) in paragraph (2)—

8 (i) in subparagraph (B)(iii), by strik-  
9 ing “improved tools and methods to accel-  
10 erate the adoption” and inserting “and de-  
11 ploy improved tools and methods to accel-  
12 erate the adoption of early-stage and prov-  
13 en innovative practices and technologies  
14 and, as the Secretary determines to be ap-  
15 propriate, support continued implementa-  
16 tion”; and

17 (ii) by adding at the end the fol-  
18 lowing:

19 “(D) REPORT.—Not later than 2 years  
20 after the date of enactment of this subpara-  
21 graph and every 2 years thereafter, the Sec-  
22 retary shall submit to the Committee on Envi-  
23 ronment and Public Works of the Senate and  
24 the Committee on Transportation and Infra-  
25 structure of the House of Representatives and

1           make publicly available on an internet website  
2           a report that describes—

3                   “(i) the activities the Secretary has  
4                   undertaken to carry out the program es-  
5                   tablished under paragraph (1); and

6                   “(ii) how and to what extent the Sec-  
7                   retary has worked to disseminate non-mar-  
8                   ket-ready technologies to public and pri-  
9                   vate entities.”;

10           (C) in paragraph (3)—

11                   (i) by redesignating subparagraphs  
12                   (C) and (D) as subparagraphs (D) and  
13                   (E), respectively;

14                   (ii) by inserting after subparagraph  
15                   (B) the following:

16                   “(C) HIGH-FRICTION SURFACE TREAT-  
17                   MENT APPLICATION STUDY.—

18                   “(i) DEFINITION OF INSTITUTION.—

19                   In this subparagraph, the term ‘institution’  
20                   means a private sector entity, public agen-  
21                   cy, research university or other research  
22                   institution, or organization representing  
23                   transportation and technology leaders or  
24                   other transportation stakeholders that, as  
25                   determined by the Secretary, is capable of

1 working with State highway agencies, the  
2 Federal Highway Administration, and the  
3 highway construction industry to develop  
4 and evaluate new products, design tech-  
5 nologies, and construction methods that  
6 quickly lead to pavement improvements.

7 “(ii) STUDY.—The Secretary shall  
8 seek to enter into an agreement with an  
9 institution to carry out a study on the use  
10 of natural and synthetic calcined bauxite  
11 as a high-friction surface treatment appli-  
12 cation on pavement.

13 “(iii) REPORT.—Not later than 18  
14 months after the date of enactment of the  
15 Surface Transportation Reauthorization  
16 Act of 2021, the Secretary shall submit a  
17 report on the results of the study under  
18 clause (ii) to—

19 “(I) the Committee on Environ-  
20 ment and Public Works of the Senate;

21 “(II) the Committee on Trans-  
22 portation and Infrastructure of the  
23 House of Representatives;

24 “(III) the Federal Highway Ad-  
25 ministration; and

1 “(IV) the American Association  
2 of State Highway and Transportation  
3 Officials.”;

4 (iii) in subparagraph (D) (as so reded-  
5 igned), by striking “fiscal years 2016  
6 through 2020” and inserting “fiscal years  
7 2022 through 2026”; and

8 (iv) in subparagraph (E) (as so reded-  
9 igned)—

10 (I) in clause (i), by striking “an-  
11 nually” and inserting “once every 3  
12 years”; and

13 (II) in clause (ii)—

14 (aa) in subclause (III), by  
15 striking “and” at the end;

16 (bb) in subclause (IV), by  
17 striking the period at the end  
18 and inserting a semicolon; and

19 (cc) by adding at the end  
20 the following:

21 “(V) pavement monitoring and  
22 data collection practices;

23 “(VI) pavement durability and  
24 resilience;

25 “(VII) stormwater management;

1                   “(VIII) impacts on vehicle effi-  
2                   ciency;

3                   “(IX) the energy efficiency of the  
4                   production of paving materials and  
5                   the ability of paving materials to en-  
6                   hance the environment and promote  
7                   sustainability; and

8                   “(X) integration of renewable en-  
9                   ergy in pavement designs.”; and

10                   (D) by adding at the end the following:

11                   “(5) ACCELERATED IMPLEMENTATION AND DE-  
12                   PLOYMENT OF ADVANCED DIGITAL CONSTRUCTION  
13                   MANAGEMENT SYSTEMS.—

14                   “(A) IN GENERAL.—The Secretary shall  
15                   establish and implement a program under the  
16                   technology and innovation deployment program  
17                   established under paragraph (1) to promote,  
18                   implement, deploy, demonstrate, showcase, sup-  
19                   port, and document the application of advanced  
20                   digital construction management systems, prac-  
21                   tices, performance, and benefits.

22                   “(B) GOALS.—The goals of the accelerated  
23                   implementation and deployment of advanced  
24                   digital construction management systems pro-

1           gram established under subparagraph (A) shall  
2           include—

3                   “(i) accelerated State adoption of ad-  
4                   vanced digital construction management  
5                   systems applied throughout the construc-  
6                   tion lifecycle (including through the design  
7                   and engineering, construction, and oper-  
8                   ations phases) that—

9                           “(I) maximize interoperability  
10                           with other systems, products, tools, or  
11                           applications;

12                           “(II) boost productivity;

13                           “(III) manage complexity;

14                           “(IV) reduce project delays and  
15                           cost overruns; and

16                           “(V) enhance safety and quality;

17                   “(ii) more timely and productive infor-  
18                   mation-sharing among stakeholders  
19                   through reduced reliance on paper to man-  
20                   age construction processes and deliverables  
21                   such as blueprints, design drawings, pro-  
22                   curement and supply-chain orders, equip-  
23                   ment logs, daily progress reports, and  
24                   punch lists;



1           “(iii) deployment of digital manage-  
2           ment systems that enable and leverage the  
3           use of digital technologies on construction  
4           sites by contractors, such as state-of-the-  
5           art automated and connected machinery  
6           and optimized routing software that allows  
7           construction workers to perform tasks fast-  
8           er, safer, more accurately, and with mini-  
9           mal supervision;

10           “(iv) the development and deployment  
11           of best practices for use in digital con-  
12           struction management;

13           “(v) increased technology adoption  
14           and deployment by States and units of  
15           local government that enables project spon-  
16           sors—

17                   “(I) to integrate the adoption of  
18                   digital management systems and tech-  
19                   nologies in contracts; and

20                   “(II) to weigh the cost of  
21                   digitization and technology in setting  
22                   project budgets;

23           “(vi) technology training and work-  
24           force development to build the capabilities  
25           of project managers and sponsors that en-

1           ables States and units of local govern-  
2           ment—

3                   “(I) to better manage projects  
4                   using advanced construction manage-  
5                   ment technologies; and

6                   “(II) to properly measure and re-  
7                   ward technology adoption across  
8                   projects of the State or unit of local  
9                   government;

10                   “(vii) development of guidance to as-  
11                   sist States in updating regulations of the  
12                   State to allow project sponsors and con-  
13                   tractors—

14                   “(I) to report data relating to the  
15                   project in digital formats; and

16                   “(II) to fully capture the effi-  
17                   ciencies and benefits of advanced digi-  
18                   tal construction management systems  
19                   and related technologies;

20                   “(viii) reduction in the environmental  
21                   footprint of construction projects using ad-  
22                   vanced digital construction management  
23                   systems resulting from elimination of con-  
24                   gestion through more efficient projects;  
25                   and

1                   “(ix) enhanced worker and pedestrian  
2                   safety resulting from increased trans-  
3                   parency.

4                   “(C) FUNDING.—For each of fiscal years  
5                   2022 through 2026, the Secretary shall obligate  
6                   from funds made available to carry out this  
7                   subsection \$20,000,000 to accelerate the de-  
8                   ployment and implementation of advanced dig-  
9                   ital construction management systems.

10                   “(D) PUBLICATION.—

11                   “(i) IN GENERAL.—Not less fre-  
12                   quently than annually, the Secretary shall  
13                   issue and make available to the public on  
14                   a website a report on—

15                   “(I) progress made in the imple-  
16                   mentation of advanced digital man-  
17                   agement systems by States; and

18                   “(II) the costs and benefits of  
19                   the deployment of new technology and  
20                   innovations that substantially and di-  
21                   rectly resulted from the program es-  
22                   tablished under this paragraph.

23                   “(ii) INCLUSIONS.—The report under  
24                   clause (i) may include an analysis of—

1 “(I) Federal, State, and local  
2 cost savings;

3 “(II) project delivery time im-  
4 provements;

5 “(III) congestion impacts; and

6 “(IV) safety improvements for  
7 roadway users and construction work-  
8 ers.”.

9 (b) **ADVANCED TRANSPORTATION TECHNOLOGIES**  
10 **AND INNOVATIVE MOBILITY DEPLOYMENT.**—Section  
11 503(c)(4) of title 23, United States Code, is amended—

12 (1) in the heading, by inserting “**AND INNOVA-**  
13 **TIVE MOBILITY**” before “**DEPLOYMENT**”;

14 (2) by striking subparagraph (A) and inserting  
15 the following:

16 “(A) **IN GENERAL.**—The Secretary shall  
17 provide grants to eligible entities to deploy, in-  
18 stall, and operate advanced transportation tech-  
19 nologies to improve safety, mobility, efficiency,  
20 system performance, intermodal connectivity,  
21 and infrastructure return on investment.”;

22 (3) in subparagraph (B)—

23 (A) in clause (i), by striking “the enhanced  
24 use” and inserting “optimization”;

25 (B) in clause (v)—

1 (i) by striking “transit,” and inserting  
2 “work zone, weather, transit, para-  
3 transit,”; and

4 (ii) by striking “and accessible trans-  
5 portation” and inserting “, accessible, and  
6 integrated transportation and transpor-  
7 tation services”;

8 (C) by redesignating clauses (vi) through  
9 (viii) as clauses (vii), (viii), and (x), respec-  
10 tively;

11 (D) by inserting after clause (v) the fol-  
12 lowing:

13 “(vi) facilitate account-based pay-  
14 ments for transportation access and serv-  
15 ices and integrate payment systems across  
16 modes;”;

17 (E) in clause (viii) (as so redesignated), by  
18 striking “or” at the end; and

19 (F) by inserting after clause (viii) (as so  
20 redesignated) the following:

21 “(ix) incentivize travelers—

22 “(I) to share trips during periods  
23 in which travel demand exceeds sys-  
24 tem capacity; or

1 “(II) to shift trips to periods in  
2 which travel demand does not exceed  
3 system capacity; or”;

4 (4) in subparagraph (C)—

5 (A) in clause (i), by striking “Not later”  
6 and all that follows through “thereafter” and  
7 inserting “Each fiscal year for which funding is  
8 made available for activities under this para-  
9 graph”; and

10 (B) in clause (ii)—

11 (i) in subclause (I), by inserting “mo-  
12 bility,” after “safety,”; and

13 (ii) in subclause (II)—

14 (I) in item (bb), by striking  
15 “and” at the end;

16 (II) in item (cc), by striking the  
17 period at the end and inserting “;  
18 and”; and

19 (III) by adding at the end the  
20 following:

21 “(dd) facilitating payment  
22 for transportation services.”;

23 (5) in subparagraph (D)—

24 (A) in clause (i), by striking “Not later”  
25 and all that follows through “thereafter” and

1 inserting “Each fiscal year for which funding is  
2 made available for activities under this para-  
3 graph”; and

4 (B) in clause (ii)—

5 (i) by striking “In awarding” and in-  
6 serting the following:

7 “(I) IN GENERAL.—Subject to  
8 subclause (II), in awarding”; and

9 (ii) by adding at the end the fol-  
10 lowing:

11 “(II) RURAL SET-ASIDE.—Not  
12 less than 20 percent of the amounts  
13 made available to carry out this para-  
14 graph shall be reserved for projects  
15 serving rural areas.”;

16 (6) in subparagraph (E)—

17 (A) by redesignating clauses (iii) through  
18 (ix) as clauses (iv), (v), (vi), (vii), (viii), (xi),  
19 and (xiv), respectively;

20 (B) by inserting after clause (ii) the fol-  
21 lowing:

22 “(iii) advanced transportation tech-  
23 nologies to improve emergency evacuation  
24 and response by Federal, State, and local  
25 authorities;”;

1 (C) by inserting after clause (viii) (as so  
2 redesignated) the following:

3 “(ix) integrated corridor management  
4 systems;

5 “(x) advanced parking reservation or  
6 variable pricing systems;”;

7 (D) in clause (xi) (as so redesignated)—

8 (i) by inserting “, toll collection,”  
9 after “pricing”; and

10 (ii) by striking “or” at the end;

11 (E) by inserting after clause (xi) (as so re-  
12 designated) the following:

13 “(xii) technology that enhances high  
14 occupancy vehicle toll lanes, cordon prie-  
15 ing, or congestion pricing;

16 “(xiii) integration of transportation  
17 service payment systems;”;

18 (F) in clause (xiv) (as so redesignated)—

19 (i) by striking “and access” and in-  
20 serting “, access, and on-demand transpor-  
21 tation service”;

22 (ii) by inserting “and other shared-use  
23 mobility applications” after “ridesharing”;  
24 and



1 (iii) by striking the period at the end  
2 and inserting “; or”; and

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

4 “(xv) retrofitting dedicated short-  
5 range communications (DSRC) technology  
6 deployed as part of an existing pilot pro-  
7 gram to cellular vehicle-to-everything (C-  
8 V2X) technology.”;

9 (7) in subparagraph (F)(ii)(IV), by striking “ef-  
10 ficiency and multimodal system performance” and  
11 inserting “mobility, efficiency, multimodal system  
12 performance, and payment system performance”;

13 (8) in subparagraph (G)—

14 (A) by redesignating clauses (vi) through  
15 (viii) as clauses (vii) through (ix), respectively;  
16 and

17 (B) by inserting after clause (v) the fol-  
18 lowing:

19 “(vi) improved integration of payment  
20 systems;”;

21 (9) in subparagraph (I)(i), by striking “fiscal  
22 years 2016 through 2020” and inserting “fiscal  
23 years 2022 through 2026”;

24 (10) by striking subparagraph (J) and inserting  
25 the following:

1 “(J) FEDERAL SHARE.—

2 “(i) IN GENERAL.—Except as pro-  
3 vided in clause (ii), the Federal share of  
4 the cost of a project for which a grant is  
5 awarded under this subsection shall not ex-  
6 ceed 50 percent.

7 “(ii) CERTAIN PROJECTS.—The Fed-  
8 eral share of the cost of a project for which  
9 a grant is awarded under this subsection  
10 for activities described in subparagraph  
11 (E)(xv) shall not exceed 80 percent.”; and  
12 (11) in subparagraph (N)—

13 (A) in clause (i), by striking “representing  
14 a population of over 200,000”; and

15 (B) in clause (iii), in the matter preceding  
16 subclause (I), by striking “a any” and inserting  
17 “any”.

18 (c) CENTER OF EXCELLENCE ON NEW MOBILITY  
19 AND AUTOMATED VEHICLES.—Section 503(c) of title 23,  
20 United States Code (as amended by subsection (a)(3)(D)),  
21 is amended by adding at the end the following:

22 “(6) CENTER OF EXCELLENCE.—

23 “(A) DEFINITIONS.—In this paragraph:

1           “(i) AUTOMATED VEHICLE.—The  
2           term ‘automated vehicle’ means a motor  
3           vehicle that—

4                   “(I) has a taxable gross weight  
5                   (as defined in section 41.4482(b)–1 of  
6                   title 26, Code of Federal Regulations  
7                   (or successor regulations)) of 10,000  
8                   pounds or less; and

9                   “(II) is capable of performing the  
10                  entire task of driving (including steer-  
11                  ing, accelerating and decelerating, and  
12                  reacting to external stimulus) without  
13                  human intervention.

14           “(ii) NEW MOBILITY.—The term ‘new  
15           mobility’ includes shared services such  
16           as—

17                   “(I) docked and dockless bicycles;

18                   “(II) docked and dockless electric  
19                   scooters; and

20                   “(III) transportation network  
21                   companies.

22           “(B) ESTABLISHMENT.—Not later than 1  
23           year after the date of enactment of the Surface  
24           Transportation Reauthorization Act of 2021,  
25           the Secretary shall establish a Center of Excel-

1           lence to collect, conduct, and fund research on  
2           the impacts of new mobility and automated ve-  
3           hicles on land use, urban design, transpor-  
4           tation, real estate, equity, and municipal budg-  
5           ets.

6           “(C) PARTNERSHIPS.—In establishing the  
7           Center of Excellence under subparagraph (B),  
8           the Secretary shall enter into appropriate part-  
9           nerships with any institution of higher edu-  
10          cation (as defined in section 101 of the Higher  
11          Education Act of 1965 (20 U.S.C. 1001)) or  
12          public or private research entity.”.

13          (d) ACCELERATED IMPLEMENTATION AND DEPLOY-  
14          MENT OF ADVANCED DIGITAL CONSTRUCTION MANAGE-  
15          MENT SYSTEMS.—Not later than 1 year after the date of  
16          enactment of this Act, the Secretary shall submit to the  
17          Committee on Environment and Public Works of the Sen-  
18          ate and the Committee on Transportation and Infrastruc-  
19          ture of the House of Representatives a report that in-  
20          cludes—

21                 (1) a description of—

22                         (A) the current status of the use of ad-  
23                         vanced digital construction management sys-  
24                         tems in each State; and

1 (B) the progress of each State toward ac-  
2 celerating the adoption of advanced digital con-  
3 struction management systems; and

4 (2) an analysis of the savings in project delivery  
5 time and project costs that can be achieved through  
6 the use of advanced digital construction manage-  
7 ment systems.

8 (e) OPEN CHALLENGE AND RESEARCH PROPOSAL  
9 PILOT PROGRAM.—

10 (1) IN GENERAL.—The Secretary shall establish  
11 an open challenge and research proposal pilot pro-  
12 gram under which eligible entities may propose open  
13 highway challenges and research proposals that are  
14 linked to identified or potential research needs.

15 (2) REQUIREMENTS.—A research proposal sub-  
16 mitted to the Secretary by an eligible entity shall ad-  
17 dress—

18 (A) a research need identified by the Sec-  
19 retary or the Administrator of the Federal  
20 Highway Administration; or

21 (B) an issue or challenge that the Sec-  
22 retary determines to be important.

23 (3) ELIGIBLE ENTITIES.—An entity eligible to  
24 submit a research proposal under the pilot program  
25 under paragraph (1) is—

- 1 (A) a State;
- 2 (B) a unit of local government;
- 3 (C) a university transportation center  
4 under section 5505 of title 49, United States  
5 Code;
- 6 (D) a private nonprofit organization;
- 7 (E) a private sector organization working  
8 in collaboration with an entity described in sub-  
9 paragraphs (A) through (D); and
- 10 (F) any other individual or entity that the  
11 Secretary determines to be appropriate.

12 (4) PROJECT REVIEW.—The Secretary shall—

13 (A) review each research proposal sub-  
14 mitted under the pilot program under para-  
15 graph (1); and

16 (B) provide to the eligible entity a written  
17 notice that—

18 (i) if the research proposal is not se-  
19 lected—

20 (I) notifies the eligible entity that  
21 the research proposal has not been se-  
22 lected for funding;

23 (II) provides an explanation as to  
24 why the research proposal was not se-  
25 lected, including if the research pro-

1                   posals does not cover an area of need;  
2                   and

3                   (III) if applicable, recommend  
4                   that the research proposal be sub-  
5                   mitted to another research program  
6                   and provide guidance and direction to  
7                   the eligible entity and the proposed  
8                   research program office; and

9                   (ii) if the research proposal is se-  
10                  lected, notifies the eligible entity that the  
11                  research proposal has been selected for  
12                  funding.

13                  (5) FEDERAL SHARE.—

14                  (A) IN GENERAL.—The Federal share of  
15                  the cost of an activity carried out under this  
16                  subsection shall not exceed 80 percent.

17                  (B) NON-FEDERAL SHARE.—All costs di-  
18                  rectly incurred by the non-Federal partners, in-  
19                  cluding personnel, travel, facility, and hardware  
20                  development costs, shall be credited toward the  
21                  non-Federal share of the cost of an activity car-  
22                  ried out under this subsection.

23                  (f) CONFORMING AMENDMENT.—Section 167 of title  
24                  23, United States Code, is amended—

25                  (1) by striking subsection (h); and

1           (2) by redesignating subsections (i) through (l)  
2           as subsections (h) through (k), respectively.

3 **SEC. 3007. WORKFORCE DEVELOPMENT, TRAINING, AND**  
4 **EDUCATION.**

5           (a) SURFACE TRANSPORTATION WORKFORCE DE-  
6 VELOPMENT, TRAINING, AND EDUCATION.—Section  
7 504(e) of title 23, United States Code, is amended—

8           (1) in paragraph (1)—

9           (A) by redesignating subparagraphs (D)  
10           through (G) as subparagraphs (E), (F), (H),  
11           and (I), respectively;

12           (B) by inserting after subparagraph (C)  
13           the following:

14           “(D) pre-apprenticeships, apprenticeships,  
15           and career opportunities for on-the-job train-  
16           ing;”;

17           (C) in subparagraph (E) (as so redesign-  
18           ated), by striking “or community college” and  
19           inserting “, college, community college, or voca-  
20           tional school”; and

21           (D) by inserting after subparagraph (F)  
22           (as so redesignated) the following:

23           “(G) activities associated with workforce  
24           training and employment services, such as tar-  
25           geted outreach and partnerships with industry,



1 economic development organizations, workforce  
2 development boards, and labor organizations;”;

3 (2) in paragraph (2), by striking “paragraph  
4 (1)(G)” and inserting “paragraph (1)(I)”; and

5 (3) in paragraph (3)—

6 (A) by striking the period at the end and  
7 inserting a semicolon;

8 (B) by striking “including activities” and  
9 inserting the following: “including—

10 “(A) activities”; and

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

12 “(B) activities that address current work-  
13 force gaps, such as work on construction  
14 projects, of State and local transportation agen-  
15 cies;

16 “(C) activities to develop a robust surface  
17 transportation workforce with new skills result-  
18 ing from emerging transportation technologies;  
19 and

20 “(D) activities to attract new sources of  
21 job-creating investment.”.

22 (b) TRANSPORTATION EDUCATION AND TRAINING  
23 DEVELOPMENT AND DEPLOYMENT PROGRAM.—Section  
24 504(f) of title 23, United States Code, is amended—

1           (1) in the subsection heading, by striking “DE-  
2           VELOPMENT” and inserting “AND TRAINING DEVEL-  
3           OPMENT AND DEPLOYMENT”;

4           (2) by striking paragraph (1) and inserting the  
5           following:

6           “(1) ESTABLISHMENT.—The Secretary shall es-  
7           tablish a program to make grants to educational in-  
8           stitutions or State departments of transportation, in  
9           partnership with industry and relevant Federal de-  
10          partments and agencies—

11           “(A) to develop, test, and review new cur-  
12          ricula and education programs to train individ-  
13          uals at all levels of the transportation work-  
14          force; or

15           “(B) to implement the new curricula and  
16          education programs to provide for hands-on ca-  
17          reer opportunities to meet current and future  
18          needs.”;

19          (3) in paragraph (2)—

20           (A) in the matter preceding subparagraph  
21          (A), by striking “shall” and inserting “may”;

22           (B) in subparagraph (A), by inserting  
23          “current or future” after “specific”; and

24           (C) in subparagraph (E)—

1 (i) by striking “in nontraditional de-  
2 partments”;

3 (ii) by inserting “construction,” after  
4 “such as”; and

5 (iii) by inserting “or emerging” after  
6 “industrial”;

7 (4) by redesignating paragraph (3) as para-  
8 graph (4); and

9 (5) by inserting after paragraph (2) the fol-  
10 lowing:

11 “(3) REPORTING.—The Secretary shall estab-  
12 lish minimum reporting requirements for grant re-  
13 cipients under this subsection, which may include,  
14 with respect to a program carried out with a grant  
15 under this subsection—

16 “(A) the percentage or number of program  
17 participants that are employed during the sec-  
18 ond quarter after exiting the program;

19 “(B) the percentage or number of program  
20 participants that are employed during the  
21 fourth quarter after exiting the program;

22 “(C) the median earnings of program par-  
23 ticipants that are employed during the second  
24 quarter after exiting the program;

1           “(D) the percentage or number of program  
2 participants that obtain a recognized postsec-  
3 ondary credential or a secondary school diploma  
4 (or a recognized equivalent) during participa-  
5 tion in the program or by not later than 1 year  
6 after exiting the program; and

7           “(E) the percentage or number of program  
8 participants that, during a program year—

9                   “(i) are in an education or training  
10 program that leads to a recognized post-  
11 secondary credential or employment; and

12                   “(ii) are achieving measurable skill  
13 gains toward such a credential or employ-  
14 ment.”.

15       (c) USE OF FUNDS.—Section 504 of title 23, United  
16 States Code, is amended by adding at the end the fol-  
17 lowing:

18       “(i) USE OF FUNDS.—The Secretary may use funds  
19 made available to carry out this section to carry out activi-  
20 ties related to workforce development and technical assist-  
21 ance and training if—

22                   “(1) the activities are authorized by another  
23 provision of this title; and

24                   “(2) the activities are for entities other than  
25 employees of the Secretary, such as States, units of

1 local government, Federal land management agen-  
2 cies, and Tribal governments.”.

3 **SEC. 3008. WILDLIFE-VEHICLE COLLISION RESEARCH.**

4 (a) GENERAL AUTHORITIES AND REQUIREMENTS  
5 REGARDING WILDLIFE AND HABITAT.—Section  
6 515(h)(2) of title 23, United States Code, is amended—

7 (1) in subparagraph (K), by striking “and” at  
8 the end;

9 (2) by redesignating subparagraphs (D), (E),  
10 (F), (G), (H), (I), (J), (K), and (L) as subpara-  
11 graphs (E), (F), (G), (H), (I), (K), (L), (M), and  
12 (O), respectively;

13 (3) by inserting after subparagraph (C) the fol-  
14 lowing:

15 “(D) a representative from a State, local,  
16 or regional wildlife, land use, or resource man-  
17 agement agency;”;

18 (4) by inserting after subparagraph (I) (as so  
19 redesignated) the following:

20 “(J) an academic researcher who is a bio-  
21 logical or ecological scientist with expertise in  
22 transportation issues;” and

23 (5) by inserting after subparagraph (M) (as so  
24 redesignated) the following:

1           “(N) a representative from a public inter-  
2           est group concerned with the impact of the  
3           transportation system on terrestrial and aquatic  
4           species and the habitat of those species; and”.

5           (b) ANIMAL DETECTION SYSTEMS RESEARCH AND  
6 DEVELOPMENT.—Section 516(b)(6) of title 23, United  
7 States Code, is amended by inserting “, including animal  
8 detection systems to reduce the number of wildlife-vehicle  
9 collisions” after “systems”.

10 **SEC. 3009. TRANSPORTATION RESILIENCE AND ADAPTA-**  
11 **TION CENTERS OF EXCELLENCE.**

12           (a) IN GENERAL.—Chapter 5 of title 23, United  
13 States Code, is amended by adding at the end the fol-  
14 lowing:

15 **“§ 520. Transportation Resilience and Adaptation**  
16 **Centers of Excellence**

17           “(a) DEFINITION OF CENTER OF EXCELLENCE.—In  
18 this section, the term ‘Center of Excellence’ means a Cen-  
19 ter of Excellence for Resilience and Adaptation designated  
20 under subsection (b).

21           “(b) DESIGNATION.—The Secretary shall designate  
22 10 regional Centers of Excellence for Resilience and Adap-  
23 tation and 1 national Center of Excellence for Resilience  
24 and Adaptation, which shall serve as a coordinator for the  
25 regional Centers, to receive grants to advance research

1 and development that improves the resilience of regions  
2 of the United States to natural disasters and extreme  
3 weather by promoting the resilience of surface transpor-  
4 tation infrastructure and infrastructure dependent on sur-  
5 face transportation.

6 “(c) ELIGIBILITY.—An entity eligible to be des-  
7 ignated as a Center of Excellence is—

8 “(1) an institution of higher education (as de-  
9 fined in section 102 of the Higher Education Act of  
10 1965 (20 U.S.C. 1002)); or

11 “(2) a consortium of nonprofit organizations led  
12 by an institution of higher education.

13 “(d) APPLICATION.—To be eligible to be designated  
14 as a Center of Excellence, an eligible entity shall submit  
15 to the Secretary an application at such time, in such man-  
16 ner, and containing such information as the Secretary may  
17 require, including a proposal that includes a description  
18 of the activities to be carried out with a grant under this  
19 section.

20 “(e) SELECTION.—

21 “(1) REGIONAL CENTERS OF EXCELLENCE.—

22 The Secretary shall designate 1 regional Center of  
23 Excellence in each of the 10 Federal regions that  
24 comprise the Standard Federal Regions established  
25 by the Office of Management and Budget in the doc-

1       ument entitled ‘Standard Federal Regions’ and  
2       dated April 1974 (circular A–105).

3           “(2) NATIONAL CENTER OF EXCELLENCE.—

4       The Secretary shall designate 1 national Center of  
5       Excellence to coordinate the activities of all 10 re-  
6       gional Centers of Excellence to minimize duplication  
7       and promote coordination and dissemination of re-  
8       search among the Centers.

9           “(3) CRITERIA.—In selecting eligible entities to  
10       designate as a Center of Excellence, the Secretary  
11       shall consider—

12           “(A) the past experience and performance  
13       of the eligible entity in carrying out activities  
14       described in subsection (g);

15           “(B) the merits of the proposal of an eligi-  
16       ble entity and the extent to which the proposal  
17       would—

18           “(i) advance the state of practice in  
19       resilience planning and identify innovative  
20       resilience solutions for transportation as-  
21       sets and systems;

22           “(ii) support activities carried out  
23       under the PROTECT program under sec-  
24       tion 176;



1           “(iii) support and build on work being  
2 carried out by another Federal agency re-  
3 lating to resilience;

4           “(iv) inform transportation decision-  
5 making at all levels of government;

6           “(v) engage local, regional, Tribal,  
7 State, and national stakeholders, including,  
8 if applicable, stakeholders representing  
9 transportation, transit, urban, and land  
10 use planning, natural resources, environ-  
11 mental protection, hazard mitigation, and  
12 emergency management; and

13           “(vi) engage community groups and  
14 other stakeholders that will be affected by  
15 transportation decisions, including under-  
16 served, economically disadvantaged, rural,  
17 and predominantly minority communities;  
18 and

19           “(C) the local, regional, Tribal, State, and  
20 national impacts of the proposal of the eligible  
21 entity.

22           “(f) GRANTS.—Subject to the availability of appro-  
23 priations, the Secretary shall provide to each Center of  
24 Excellence a grant of not less than \$5,000,000 for each

1 of fiscal years 2022 through 2031 to carry out the activi-  
2 ties described in subsection (g).

3 “(g) ACTIVITIES.—In carrying out this section, the  
4 Secretary shall ensure that a Center of Excellence uses  
5 the funds from a grant under subsection (f) to promote  
6 resilient transportation infrastructure, including  
7 through—

8 “(1) supporting climate vulnerability assess-  
9 ments informed by climate change science, including  
10 national climate assessments produced by the United  
11 States Global Change Research Program under sec-  
12 tion 106 of the Global Change Research Act of 1990  
13 (15 U.S.C. 2936), relevant feasibility analyses of re-  
14 siliant transportation improvements, and transpor-  
15 tation resilience planning;

16 “(2) development of new design, operations,  
17 and maintenance standards for transportation infra-  
18 structure that can inform Federal and State deci-  
19 sionmaking;

20 “(3) research and development of new materials  
21 and technologies that could be integrated into exist-  
22 ing and new transportation infrastructure;

23 “(4) development, refinement, and piloting of  
24 new and emerging resilience improvements and

1 strategies, including natural infrastructure ap-  
2 proaches and relocation;

3 “(5) development of and investment in new ap-  
4 proaches for facilitating meaningful engagement in  
5 transportation decisionmaking by local, Tribal, re-  
6 gional, or national stakeholders and communities;

7 “(6) technical capacity building to facilitate the  
8 ability of local, regional, Tribal, State, and national  
9 stakeholders—

10 “(A) to assess the vulnerability of trans-  
11 portation infrastructure assets and systems;

12 “(B) to develop community response strat-  
13 egies;

14 “(C) to meaningfully engage with commu-  
15 nity stakeholders; and

16 “(D) to develop strategies and improve-  
17 ments for enhancing transportation infrastruc-  
18 ture resilience under current conditions and a  
19 range of potential future conditions;

20 “(7) workforce development and training;

21 “(8) development and dissemination of data,  
22 tools, techniques, assessments, and information that  
23 informs Federal, State, Tribal, and local government  
24 decisionmaking, policies, planning, and investments;

1           “(9) education and outreach regarding trans-  
2           portation infrastructure resilience; and

3           “(10) technology transfer and commercializa-  
4           tion.

5           “(h) FEDERAL SHARE.—The Federal share of the  
6           cost of an activity under this section, including the costs  
7           of establishing and operating a Center of Excellence, shall  
8           be 50 percent.”.

9           (b) CLERICAL AMENDMENT.—The analysis for chap-  
10          ter 5 of title 23, United States Code, is amended by add-  
11          ing at the end the following:

          “520. Transportation Resilience and Adaptation Centers of Excellence.”.

12       **SEC. 3010. TRANSPORTATION ACCESS PILOT PROGRAM.**

13          (a) DEFINITIONS.—In this section:

14               (1) METROPOLITAN PLANNING ORGANIZA-  
15               TION.—The term “metropolitan planning organiza-  
16               tion” has the meaning given the term in section  
17               134(b) of title 23, United States Code.

18               (2) STATE.—The term “State” has the mean-  
19               ing given the term in section 101(a) of title 23,  
20               United States Code.

21               (3) SURFACE TRANSPORTATION MODES.—The  
22               term “surface transportation modes” means—

23                       (A) driving;

24                       (B) public transportation;

25                       (C) walking;

1 (D) cycling; and

2 (E) a combination of any of the modes of  
3 transportation described in subparagraphs (A)  
4 through (D).

5 (4) PILOT PROGRAM.—The term “pilot pro-  
6 gram” means the transportation pilot program es-  
7 tablished under subsection (b).

8 (5) REGIONAL TRANSPORTATION PLANNING OR-  
9 GANIZATION.—The term “regional transportation  
10 planning organization” has the meaning given the  
11 term in section 134(b) of title 23, United States  
12 Code.

13 (b) ESTABLISHMENT.—Not later than 1 year after  
14 the date of enactment of this Act, the Secretary shall es-  
15 tablish a transportation pilot program.

16 (c) PURPOSE.—The purpose of the pilot program is  
17 to develop or procure an accessibility data set and make  
18 that data set available to each eligible entity selected to  
19 participate in the pilot program—

20 (1) to improve the transportation planning of  
21 those eligible entities by—

22 (A) measuring the level of access by sur-  
23 face transportation modes to important destina-  
24 tions, which may include—

25 (i) jobs;

- 1 (ii) health care facilities;
- 2 (iii) child care services;
- 3 (iv) educational and workforce train-
- 4 ing facilities;
- 5 (v) housing;
- 6 (vi) food sources;
- 7 (vii) points within the supply chain for
- 8 freight commodities;
- 9 (viii) domestic or international mar-
- 10 kets; and
- 11 (ix) connections between surface
- 12 transportation modes; and
- 13 (B) disaggregating the level of access by
- 14 surface transportation modes by a variety of—
- 15 (i) population categories, which may
- 16 include—
- 17 (I) low-income populations;
- 18 (II) minority populations;
- 19 (III) age;
- 20 (IV) disability; and
- 21 (V) geographical location; or
- 22 (ii) freight commodities, which may
- 23 include—
- 24 (I) agricultural commodities;
- 25 (II) raw materials;

1 (III) finished products; and

2 (IV) energy commodities; and

3 (2) to assess the change in accessibility that  
4 would result from new transportation investments.

5 (d) ELIGIBLE ENTITIES.—An entity eligible to par-  
6 ticipate in the pilot program is—

7 (1) a State;

8 (2) a metropolitan planning organization; or

9 (3) a regional transportation planning organiza-  
10 tion.

11 (e) APPLICATION.—To be eligible to participate in  
12 the pilot program, an eligible entity shall submit to the  
13 Secretary an application at such time, in such manner,  
14 and containing such information as the Secretary may re-  
15 quire, including information relating to—

16 (1) previous experience of the eligible entity  
17 measuring transportation access or other perform-  
18 ance management experience, if applicable;

19 (2) the types of important destinations to which  
20 the eligible entity intends to measure access;

21 (3) the types of data disaggregation the eligible  
22 entity intends to pursue;

23 (4) a general description of the methodology the  
24 eligible entity intends to apply; and

1           (5) if the applicant does not intend the pilot  
2 program to apply to the full area under the jurisdic-  
3 tion of the applicant, a description of the geographic  
4 area in which the applicant intends the pilot pro-  
5 gram to apply.

6           (f) SELECTION.—

7           (1) IN GENERAL.—The Secretary shall seek to  
8 achieve diversity of participants in the pilot program  
9 by selecting a range of eligible entities that shall in-  
10 clude—

11                   (A) States;

12                   (B) metropolitan planning organizations  
13 that serve an area with a population of 200,000  
14 people or fewer;

15                   (C) metropolitan planning organizations  
16 that serve an area with a population of over  
17 200,000 people; and

18                   (D) regional transportation planning orga-  
19 nizations.

20           (2) INCLUSIONS.—The Secretary shall seek to  
21 ensure that, among the eligible entities selected  
22 under paragraph (1), there is—

23                   (A) a range of capacity and previous expe-  
24 rience with measuring transportation access;  
25 and



1 (B) a variety of proposed methodologies  
2 and focus areas for measuring level of access.

3 (g) DUTIES.—For each eligible entity participating in  
4 the pilot program, the Secretary shall—

5 (1) develop or acquire an accessibility data set  
6 described in subsection (c); and

7 (2) submit the data set to the eligible entity.

8 (h) METHODOLOGY.—In calculating the measures for  
9 the data set under the pilot program, the Secretary shall  
10 ensure that methodology is open source.

11 (i) AVAILABILITY.—The Secretary shall make an ac-  
12 cessibility data set under the pilot program available to—

13 (1) units of local government within the juris-  
14 diction of the eligible entity participating in the pilot  
15 program; and

16 (2) researchers.

17 (j) REPORT.—Not later than 2 years after the date  
18 of enactment of this Act, and every 2 years thereafter,  
19 the Secretary shall submit to the Committee on Environ-  
20 ment and Public Works of the Senate and the Committee  
21 on Transportation and Infrastructure of the House of  
22 Representatives a report on the results of the pilot pro-  
23 gram, including the feasibility of developing and providing  
24 periodic accessibility data sets for all States, regions, and  
25 localities.

1 (k) TRANSPORTATION SYSTEM ACCESS.—

2 (1) IN GENERAL.—The Secretary shall establish  
3 consistent measures that States, metropolitan plan-  
4 ning organizations, and regional transportation plan-  
5 ning organizations may choose to adopt to assess the  
6 level of safe and convenient access by surface trans-  
7 portation modes to important destinations as de-  
8 scribed in subsection (c)(1)(A).

9 (2) SAVINGS PROVISION.—Nothing in this sec-  
10 tion provides the Secretary the authority—

11 (A) to establish a performance measure or  
12 require States or metropolitan planning organi-  
13 zations to set a performance target for access  
14 as described in paragraph (1); or

15 (B) to establish any other Federal require-  
16 ment.

17 (l) FUNDING.—The Secretary shall carry out the  
18 pilot program using amounts made available to the Sec-  
19 retary for administrative expenses to carry out programs  
20 under the authority of the Secretary.

21 (m) SUNSET.—The pilot program shall terminate on  
22 the date that is 8 years after the date on which the pilot  
23 program is implemented.

1           **TITLE IV—INDIAN AFFAIRS**

2   **SEC. 4001. DEFINITION OF SECRETARY.**

3           In this title, the term “Secretary” means the Sec-  
4   retary of the Interior.

5   **SEC. 4002. ENVIRONMENTAL REVIEWS FOR CERTAIN TRIB-**  
6                           **AL TRANSPORTATION FACILITIES.**

7           (a) **DEFINITION OF TRIBAL TRANSPORTATION SAFE-**  
8   **TY PROJECT.—**

9                   (1) **IN GENERAL.—**In this section, the term  
10           “tribal transportation safety project” means a  
11           project described in paragraph (2) that is eligible for  
12           funding under section 202 of title 23, United States  
13           Code.

14                   (2) **PROJECT DESCRIBED.—**A project described  
15           in this paragraph is a project that corrects or im-  
16           proves a hazardous road location or feature or ad-  
17           dresses a highway safety problem through 1 or more  
18           of the activities described in any of the clauses  
19           under section 148(a)(4)(B) of title 23, United States  
20           Code.

21           (b) **REVIEWS OF TRIBAL TRANSPORTATION SAFETY**  
22   **PROJECTS.—**

23                   (1) **IN GENERAL.—**The Secretary or the Sec-  
24           retary of Transportation, as applicable, or the head  
25           of another Federal agency responsible for a decision

1 related to a tribal transportation safety project shall  
2 complete any approval or decision for the review of  
3 the tribal transportation safety project required  
4 under the National Environmental Policy Act of  
5 1969 (42 U.S.C. 4321 et seq.) or any other applica-  
6 ble Federal law on an expeditious basis using the  
7 shortest existing applicable process.

8 (2) REVIEW OF APPLICATIONS.—Not later than  
9 45 days after the date of receipt of a complete appli-  
10 cation by an Indian tribe for approval of a tribal  
11 transportation safety project, the Secretary or the  
12 Secretary of Transportation, as applicable, shall—

13 (A) take final action on the application; or

14 (B) provide the Indian tribe a schedule for  
15 completion of the review described in paragraph  
16 (1), including the identification of any other  
17 Federal agency that has jurisdiction with re-  
18 spect to the project.

19 (3) DECISIONS UNDER OTHER FEDERAL  
20 LAWS.—In any case in which a decision under any  
21 other Federal law relating to a tribal transportation  
22 safety project (including the issuance or denial of a  
23 permit or license) is required, not later than 45 days  
24 after the Secretary or the Secretary of Transpor-  
25 tation, as applicable, has made all decisions of the

1 lead agency under the National Environmental Pol-  
2 icy Act of 1969 (42 U.S.C. 4321 et seq.) with re-  
3 spect to the project, the head of the Federal agency  
4 responsible for the decision shall—

5 (A) make the applicable decision; or

6 (B) provide the Indian tribe a schedule for  
7 making the decision.

8 (4) EXTENSIONS.—The Secretary or the Sec-  
9 retary of Transportation, as applicable, or the head  
10 of the Federal agency may extend the period under  
11 paragraph (2) or (3), as applicable, by an additional  
12 30 days by providing the Indian tribe notice of the  
13 extension, including a statement of the need for the  
14 extension.

15 (5) NOTIFICATION AND EXPLANATION.—In any  
16 case in which a required action is not completed by  
17 the deadline under paragraph (2), (3), or (4), as ap-  
18 plicable, the Secretary, the Secretary of Transpor-  
19 tation, or the head of a Federal agency, as applica-  
20 ble, shall—

21 (A) notify the Committees on Indian Af-  
22 fairs and Environment and Public Works of the  
23 Senate and the Committee on Natural Re-  
24 sources of the House of Representatives of the  
25 failure to comply with the deadline; and

1 (B) provide to the Committees described in  
2 subparagraph (A) a detailed explanation of the  
3 reasons for the failure to comply with the dead-  
4 line.

5 **SEC. 4003. PROGRAMMATIC AGREEMENTS FOR TRIBAL**  
6 **CATEGORICAL EXCLUSIONS.**

7 (a) IN GENERAL.—The Secretary and the Secretary  
8 of Transportation shall enter into programmatic agree-  
9 ments with Indian tribes that establish efficient adminis-  
10 trative procedures for carrying out environmental reviews  
11 for projects eligible for assistance under section 202 of  
12 title 23, United States Code.

13 (b) INCLUSIONS.—A programmatic agreement under  
14 subsection (a)—

15 (1) may include an agreement that allows an  
16 Indian tribe to determine, on behalf of the Secretary  
17 and the Secretary of Transportation, whether a  
18 project is categorically excluded from the prepara-  
19 tion of an environmental assessment or environ-  
20 mental impact statement under the National Envi-  
21 ronmental Policy Act of 1969 (42 U.S.C. 4321 et  
22 seq.); and

23 (2) shall—

24 (A) require that the Indian tribe maintain  
25 adequate capability in terms of personnel and

1 other resources to carry out applicable agency  
2 responsibilities pursuant to section 1507.2 of  
3 title 40, Code of Federal Regulations (or suc-  
4 cessor regulations);

5 (B) set forth the responsibilities of the In-  
6 dian tribe for making categorical exclusion de-  
7 terminations, documenting the determinations,  
8 and achieving acceptable quality control and  
9 quality assurance;

10 (C) allow—

11 (i) the Secretary and the Secretary of  
12 Transportation to monitor compliance of  
13 the Indian tribe with the terms of the  
14 agreement; and

15 (ii) the Indian tribe to execute any  
16 needed corrective action;

17 (D) contain stipulations for amendments,  
18 termination, and public availability of the agree-  
19 ment once the agreement has been executed;  
20 and

21 (E) have a term of not more than 5 years,  
22 with an option for renewal based on a review by  
23 the Secretary and the Secretary of Transpor-  
24 tation of the performance of the Indian tribe.

1 **SEC. 4004. USE OF CERTAIN TRIBAL TRANSPORTATION**  
2 **FUNDS.**

3 Section 202(d) of title 23, United States Code, is  
4 amended by striking paragraph (2) and inserting the fol-  
5 lowing:

6 “(2) USE OF FUNDS.—Funds made available to  
7 carry out this subsection shall be used—

8 “(A) to carry out any planning, design, en-  
9 gineering, preconstruction, construction, and in-  
10 spection of new or replacement tribal transpor-  
11 tation facility bridges;

12 “(B) to replace, rehabilitate, seismically  
13 retrofit, paint, apply calcium magnesium ace-  
14 tate, sodium acetate/formate, or other environ-  
15 mentally acceptable, minimally corrosive anti-  
16 icing and deicing composition; or

17 “(C) to implement any countermeasure for  
18 tribal transportation facility bridges classified  
19 as in poor condition, having a low load capacity,  
20 or needing geometric improvements, including  
21 multiple-pipe culverts.”.

22 **SEC. 4005. BUREAU OF INDIAN AFFAIRS ROAD MAINTENANCE PROGRAM.**  
23

24 There are authorized to be appropriated to the Direc-  
25 tor of the Bureau of Indian Affairs to carry out the road  
26 maintenance program of the Bureau—



- 1 (1) \$50,000,000 for fiscal year 2022;
- 2 (2) \$52,000,000 for fiscal year 2023;
- 3 (3) \$54,000,000 for fiscal year 2024;
- 4 (4) \$56,000,000 for fiscal year 2025; and
- 5 (5) \$58,000,000 for fiscal year 2026.

6 **SEC. 4006. STUDY OF ROAD MAINTENANCE ON INDIAN**  
7 **LAND.**

8 (a) DEFINITIONS.—In this section:

9 (1) INDIAN LAND.—The term “Indian land”  
10 has the meaning given the term “Indian lands” in  
11 section 3 of the Native American Business Develop-  
12 ment, Trade Promotion, and Tourism Act of 2000  
13 (25 U.S.C. 4302).

14 (2) INDIAN TRIBE.—The term “Indian tribe”  
15 has the meaning given the term in section 4 of the  
16 Indian Self-Determination and Education Assistance  
17 Act (25 U.S.C. 5304).

18 (3) ROAD.—The term “road” means a road  
19 managed in whole or in part by the Bureau of In-  
20 dian Affairs.

21 (4) SECRETARY.—The term “Secretary” means  
22 the Secretary, acting through the Assistant Sec-  
23 retary for Indian Affairs.

24 (b) STUDY.—Not later than 2 years after the date  
25 of enactment of this Act, the Secretary, in consultation

1 with the Secretary of Transportation, shall carry out a  
2 study to evaluate—

3           (1) the long-term viability and useful life of ex-  
4           isting roads on Indian land;

5           (2) any steps necessary to achieve the goal of  
6           addressing the deferred maintenance backlog of ex-  
7           isting roads on Indian land;

8           (3) programmatic reforms and performance en-  
9           hancements necessary to achieve the goal of restruc-  
10          turing and streamlining road maintenance programs  
11          on existing or future roads located on Indian land;  
12          and

13          (4) recommendations on how to implement ef-  
14          forts to coordinate with States, counties, municipali-  
15          ties, and other units of local government to maintain  
16          roads on Indian land.

17          (c) TRIBAL CONSULTATION AND INPUT.—Before be-  
18          ginning the study under subsection (b), the Secretary  
19          shall—

20               (1) consult with any Indian tribes that have ju-  
21               risdiction over roads eligible for funding under the  
22               road maintenance program of the Bureau of Indian  
23               Affairs; and

1           (2) solicit and consider the input, comments,  
2           and recommendations of the Indian tribes described  
3           in paragraph (1).

4           (d) REPORT.—On completion of the study under sub-  
5           section (b), the Secretary, in consultation with the Sec-  
6           retary of Transportation, shall submit to the Committees  
7           on Indian Affairs and Environment and Public Works of  
8           the Senate and the Committees on Natural Resources and  
9           Transportation and Infrastructure of the House of Rep-  
10          resentatives a report on the results and findings of the  
11          study.

12          (e) STATUS REPORT.—Not later than 2 years after  
13          the date of enactment of this Act, and not less frequently  
14          than every 2 years thereafter, the Secretary, in consulta-  
15          tion with the Secretary of Transportation, shall submit to  
16          the Committees on Indian Affairs and Environment and  
17          Public Works of the Senate and the Committees on Nat-  
18          ural Resources and Transportation and Infrastructure of  
19          the House of Representatives a report that includes a de-  
20          scription of—

21                (1) the progress made toward addressing the  
22                deferred maintenance needs of the roads on Indian  
23                land, including a list of projects funded during the  
24                fiscal period covered by the report;

1           (2) the outstanding needs of the roads that  
2           have been provided funding to address the deferred  
3           maintenance needs;

4           (3) the remaining needs of any of the projects  
5           referred to in paragraph (1);

6           (4) how the goals described in subsection (b)  
7           have been met, including—

8                   (A) an identification and assessment of  
9                   any deficiencies or shortfalls in meeting the  
10                  goals; and

11                   (B) a plan to address the deficiencies or  
12                  shortfalls in meeting the goals; and

13           (5) any other issues or recommendations pro-  
14           vided by an Indian tribe under the consultation and  
15           input process under subsection (c) that the Sec-  
16           retary determines to be appropriate.

17 **SEC. 4007. MAINTENANCE OF CERTAIN INDIAN RESERVA-**  
18 **TION ROADS.**

19           The Commissioner of U.S. Customs and Border Pro-  
20           tection may transfer funds to the Director of the Bureau  
21           of Indian Affairs to maintain, repair, or reconstruct roads  
22           under the jurisdiction of the Director, subject to the condi-  
23           tion that the Commissioner and the Director shall mutu-  
24           ally agree that the primary user of the subject road is U.S.  
25           Customs and Border Protection.

1 **SEC. 4008. TRIBAL TRANSPORTATION SAFETY NEEDS.**

2 (a) DEFINITIONS.—In this section:

3 (1) ALASKA NATIVE.—The term “Alaska Na-  
4 tive” has the meaning given the term “Native” in  
5 section 3 of the Alaska Native Claims Settlement  
6 Act (43 U.S.C. 1602).

7 (2) ALASKA NATIVE VILLAGE.—The term  
8 “Alaska Native village” has the meaning given the  
9 term “Native village” in section 3 of the Alaska Na-  
10 tive Claims Settlement Act (43 U.S.C. 1602).

11 (3) INDIAN TRIBE.—The term “Indian tribe”  
12 has the meaning given the term in section 4 of the  
13 Indian Self-Determination and Education Assistance  
14 Act (25 U.S.C. 5304).

15 (b) BEST PRACTICES, STANDARDIZED CRASH RE-  
16 PORT FORM.—

17 (1) IN GENERAL.—Not later than 1 year after  
18 the date of enactment of this Act, the Secretary of  
19 Transportation, in consultation with the Secretary,  
20 Indian tribes, Alaska Native villages, and State de-  
21 partments of transportation shall develop—

22 (A) best practices for the compiling, anal-  
23 ysis, and sharing of motor vehicle crash data  
24 for crashes occurring on Indian reservations  
25 and in Alaska Native communities; and

1 (B) a standardized form for use by Indian  
2 tribes and Alaska Native communities to carry  
3 out those best practices.

4 (2) PURPOSE.—The purpose of the best prac-  
5 tices and standardized form developed under para-  
6 graph (1) shall be to improve the quality and quan-  
7 tity of crash data available to and used by the Fed-  
8 eral Highway Administration, State departments of  
9 transportation, Indian tribes, and Alaska Native vil-  
10 lages.

11 (3) REPORT.—On completion of the develop-  
12 ment of the best practices and standardized form  
13 under paragraph (1), the Secretary of Transpor-  
14 tation shall submit to the Committees on Indian Af-  
15 fairs and Environment and Public Works of the Sen-  
16 ate and the Committees on Natural Resources and  
17 Transportation and Infrastructure of the House of  
18 Representatives a report describing the best prac-  
19 tices and standardized form.

20 (c) USE OF IMARS.—The Director of the Bureau of  
21 Indian Affairs shall require all law enforcement offices of  
22 the Bureau, for the purpose of reporting motor vehicle  
23 crash data for crashes occurring on Indian reservations  
24 and in Alaska Native communities—

1           (1) to use the crash report form of the applica-  
2           ble State; and

3           (2) to upload the information on that form to  
4           the Incident Management Analysis and Reporting  
5           System (IMARS) of the Department of the Interior.

6           (d) TRIBAL TRANSPORTATION PROGRAM SAFETY  
7 FUNDING.—Section 202(e)(1) of title 23, United States  
8 Code, is amended by striking “2 percent” and inserting  
9 “4 percent”.

10 **SEC. 4009. OFFICE OF TRIBAL GOVERNMENT AFFAIRS.**

11           Section 102 of title 49, United States Code, is  
12 amended—

13           (1) in subsection (e)(1)—

14                   (A) in the matter preceding subparagraph  
15                   (A), by striking “6 Assistant” and inserting “7  
16                   Assistant”;

17                   (B) in subparagraph (C), by striking  
18                   “and” after the semicolon;

19                   (C) by redesignating subparagraph (D) as  
20                   subparagraph (E); and

21                   (D) by inserting after subparagraph (C)  
22                   the following:

23                           “(D) an Assistant Secretary for Tribal  
24                           Government Affairs, who shall be appointed by  
25                           the President; and”;

1           (2) in subsection (f), by striking the subsection  
2 designation and heading and all that follows through  
3 the end of paragraph (1) and inserting the following:

4           “(f) OFFICE OF TRIBAL GOVERNMENT AFFAIRS.—

5                 “(1) ESTABLISHMENT.—There is established in  
6 the Department an Office of Tribal Government Af-  
7 fairs, under the Assistant Secretary for Tribal Gov-  
8 ernment Affairs—

9                     “(A) to oversee the tribal self-governance  
10 program under section 207 of title 23;

11                    “(B) to plan, coordinate, and implement  
12 policies and programs serving Indian Tribes  
13 and Tribal organizations;

14                    “(C) to coordinate Tribal transportation  
15 programs and activities in all offices and ad-  
16 ministrations of the Department; and

17                    “(D) to be a participant in any negotiated  
18 rulemakings relating to, or having an impact  
19 on, projects, programs, or funding associated  
20 with the Tribal transportation program under  
21 section 202 of title 23.”.

○