114–94, div. A, title VI, § 6016, Dec. 4, 2015, 129 Stat. 1571; Pub. L. 117–58, div. B, title V, § 25017, Nov. 15, 2021, 135 Stat. 873.)

Editorial Notes

REFERENCES IN TEXT

The date of enactment of this section, referred to in subsec. (c)(1), probably means the date of enactment of Pub. L. 114–94, which amended this section generally and was approved Dec. 4, 2015.

AMENDMENTS

2021—Subsec. (a)(1). Pub. L. 117–58, § 25017(1)(A), inserted ''of Transportation, acting through the Assistant Secretary for Research and Technology (referred to in this section as the 'Secretary'),'' after ''The Secretary''.

Subsec. (a)(2)(B). Pub. L. 117–58, § 25017(1)(B)(i), inserted ''multimodal'' after ''critical''.

Subsec. (a)(2)(C). Pub. L. 117–58, § 25017(1)(B)(ii), inserted ''with respect to the matters described in subparagraphs (A) through (G) of section 6503(c)(1)'' after ''transportation leaders''.

Subsec. (b)(2)(A). Pub. L. 117–58, § 25017(2)(A), substituted ''as a lead institution under this section, except as provided in subparagraph (B)'' for ''for each of the transportation centers described under paragraphs (2), (3), and (4) of subsection (c)''.

Subsec. (b)(4)(A). Pub. L. 117–58, § 25017(2)(B)(i), substituted ''described in subparagraphs (A) through (G) of section 6503(c)(1)'' for ''identified in chapter 65''.

Subsec. (b)(4)(B). Pub. L. 117–58, § 25017(2)(B)(ii), substituted ''the heads of the modal administrations of the Department of Transportation,'' for ''the Assistant Secretary for Research and Technology and the Administrator of the Federal Highway Administration and other modal administrations'' in introductory provisions.

Subsec. (b)(5)(B). Pub. L. 117–58, § 25017(2)(C), substituted ''make available to the public on a website of the Department of Transportation'' for ''submit to the Committees on Transportation and Infrastructure and Science, Space, and Technology of the House of Representatives and the Committee on Environment and Public Works of the Senate'' in introductory provisions.

Subsec. (c)(3)(E). Pub. L. 117–58, § 25017(3), added cl. (i), designated existing provisions as cl. (ii) and inserted heading, and inserted '', including the cybersecurity implications of technologies relating to connected vehicles, connected infrastructure, and autonomous vehicles'' after ''autonomous vehicles''.

Subsec. (d)(2). Pub. L. 117–58, § 25017(4)(A)(i), (ii), substituted ''Review'' for ''Annual review'' in heading and ''biennially'' for ''annually'' in introductory provisions.

Subsec. (d)(2)(B). Pub. L. 117–58, § 25017(4)(A)(iii), substituted ''make available to the public on a website of the Department of Transportation'' for ''submit to the Committees on Transportation and Infrastructure and Science, Space, and Technology of the House of Representatives and the Committees on Environment and Public Works and Commerce, Science, and Transportation of the Senate''.

Subsec. (d)(3). Pub. L. 117–58, § 25017(4)(B), substituted ''2022 through 2026'' for ''2016 through 2020''.

2015—Pub. L. 114–94 amended section generally. Prior to amendment, section related to the university transportation centers program.

2012—Pub. L. 112–141 amended section generally. Prior to amendment, section related to national university transportation centers.

2005—Pub. L. 109–59 amended section catchline and text generally, substituting provisions relating to national university transportation centers for provisions relating to university transportation research.

1998—Subsec. (g)(2). Pub. L. 105–178, § 5110(d)(1), as added by Pub. L. 105–206, substituted ''section 508 of title 23, United States Code,'' for ''section 5506,''.

Subsec. (i). Pub. L. 105–178, § 5110(d)(2), as added by Pub. L. 105–206, inserted ''Subject to section 5338(e):'' before par. (1) and substituted ''institutions or groups of institutions'' for ''institutions'' wherever appearing.

Subsec. (j)(4)(B). Pub. L. 105–178, § 5110(d)(3), as added by Pub. L. 105–206, substituted ''on behalf of a consortium which may also include West Virginia University Institute of Technology, the College of West Virginia, and Bluefield State College'' for ''on behalf of a consortium of West Virginia colleges and universities''.

Statutory Notes and Related Subsidiaries

EFFECTIVE DATE OF 2015 AMENDMENT

Amendment by Pub. L. 114–94 effective Oct. 1, 2015, see section 1003 of Pub. L. 114–94, set out as a note under section 5313 of Title 5, Government Organization and Employees.

EFFECTIVE DATE OF 2012 AMENDMENT

Amendment by Pub. L. 112–141 effective Oct. 1, 2012, see section 3(a) of Pub. L. 112–141, set out as an Effective and Termination Dates of 2012 Amendment note under section 101 of Title 23, Highways.

EFFECTIVE DATE OF 1998 AMENDMENT

Title IX of Pub. L. 105–206 effective simultaneously with enactment of Pub. L. 105–178 and to be treated as included in Pub. L. 105–178 at time of enactment, and provisions of Pub. L. 105–178, as in effect on day before July 22, 1998, that are amended by title IX of Pub. L. 105–206 to be treated as not enacted, see section 9016 of Pub. L. 105–206, set out as a note under section 101 of Title 23, Highways.

§ 5506. Advanced transportation research initiative

(a) DEFINITION OF ELIGIBLE ENTITY.—In this section, the term ''eligible entity'' means—

(1) a State agency;

(2) a local government agency;

(3) an institution of higher education (as defined in section 102 of the Higher Education Act of 1965 (20 U.S.C. 1002)), including a university transportation center established under section 5505;

(4) a nonprofit organization, including a nonprofit research organization; and

(5) a private sector organization working in collaboration with an entity described in any of paragraphs (1) through (4).

(b) PILOT PROGRAM.—The Secretary of Transportation (referred to in this section as the ''Secretary'') shall establish an advanced transportation research pilot program under which the Secretary—

(1) shall establish a process for eligible entities to submit to the Secretary unsolicited research proposals; and

(2) may enter into arrangements with 1 or more eligible entities to fund research proposed under paragraph (1), in accordance with this section.

(c) ELIGIBLE RESEARCH.—The Secretary may enter into an arrangement with an eligible entity under this section to fund research that—

(1) addresses—

(A) a research need identified by—

(i) the Secretary; or

(ii) the Administrator of a modal administration of the Department of Transportation; or

(B) an issue that the Secretary determines to be important; and

(2) is not duplicative of—

(A) any other Federal research project; or

(B) any project for which funding is provided by another Federal agency.

(d) PROJECT REVIEW.—The Secretary shall—

(1) review each research proposal submitted under the pilot program established under subsection (b); and

(2)(A) if funding is denied for the research proposal—

(i) provide to the eligible entity that submitted the proposal a written notice of the denial that, as applicable—

(I) explains why the research proposal was not selected, including whether the research proposal fails to cover an area of need; and

(II) recommends that the research proposal be submitted to another research program; and

(ii) if the Secretary recommends that the research proposal be submitted to another research program under clause (i)(II), provide guidance and direction to—

(I) the eligible entity; and

(II) the proposed research program office; or

(B) if the research proposal is selected for funding—

(i) provide to the eligible entity that submitted the proposal a written notice of the selection; and

(ii) seek to enter into an arrangement with the eligible entity to provide funding for the proposed research.

(e) COORDINATION.—

(1) IN GENERAL.—The Secretary shall ensure that the activities carried out under subsection (c) are coordinated with, and do not duplicate the efforts of, programs of the Department of Transportation and other Federal agencies.

(2) INTRAAGENCY COORDINATION.—The Secretary shall coordinate the research carried out under this section with—

(A) the research, education, and technology transfer activities carried out by grant recipients under section 5505; and

(B) the research, development, demonstration, and commercial application activities of other relevant programs of the Department of Transportation, including all modal administrations of the Department.

(3) INTERAGENCY COLLABORATION.—The Secretary shall coordinate, as appropriate, regarding fundamental research with the potential for application in the transportation sector with—

(A) the Director of the Office of Science and Technology Policy;

(B) the Director of the National Science Foundation;

(C) the Secretary of Energy;

(D) the Director of the National Institute of Standards and Technology;

(E) the Secretary of Homeland Security;

(F) the Administrator of the National Oceanic and Atmospheric Administration;

(G) the Secretary of Defense; and

(H) the heads of other appropriate Federal agencies, as determined by the Secretary.

(f) REVIEW, EVALUATION, AND REPORT.—Not less frequently than biennially, in accordance with the plan developed under section 6503, the Secretary shall—

(1) review and evaluate the pilot program established under subsection (b), including the research carried out under that pilot program; and

(2) make public on a website of the Department of Transportation a report describing the review and evaluation under paragraph (1).

(g) FEDERAL SHARE.—

(1) IN GENERAL.—The Federal share of the cost of an activity carried out under this section shall not exceed 80 percent.

(2) NON-FEDERAL SHARE.—All costs directly incurred by the non-Federal partners (including personnel, travel, facility, and hardware development costs) shall be credited toward the non-Federal share of the cost of an activity carried out under this section.

(h) LIMITATION ON CERTAIN EXPENSES.—Of any amounts made available to carry out this section for a fiscal year, the Secretary may use not more than 1.5 percent for coordination, evaluation, and oversight activities under this section.

(i) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to the Secretary to carry out this section $50,000,000 for each of fiscal years 2022 through 2026.

(Added Pub. L. 117–58, div. B, title V, §25013(a), Nov. 15, 2021, 135 Stat. 867.)

Editorial Notes

PRIOR PROVISIONS

A prior section 5506, added Pub. L. 105–178, title V, §5111(a), June 9, 1998, 112 Stat. 444; amended Pub. L. 109–59, title V, §5402(a), Aug. 10, 2005, 119 Stat. 1815; Pub. L. 110–244, title I, §§111(g)(3), 116, June 6, 2008, 122 Stat. 1605, 1607, related to grants for university transportation research, prior to repeal by Pub. L. 112–141, div. E, title II, §52010(a), July 6, 2012, 126 Stat. 887, effective Oct. 1, 2012.

§ 5507. Transportation workforce outreach program

(a) IN GENERAL.—The Secretary of Transportation (referred to in this section as the ''Secretary'') shall establish and administer a transportation workforce outreach program, under which the Secretary shall carry out a series of public service announcement campaigns during each of fiscal years 2022 through 2026.

(b) PURPOSES.—The purpose of the campaigns carried out under the program under this section shall be—

(1) to increase awareness of career opportunities in the transportation sector, including aviation pilots, safety inspectors, mechanics and technicians, air traffic controllers, flight attendants, truck and bus drivers, engineers, transit workers, railroad workers, and other transportation professionals; and

(2) to target awareness of professional opportunities in the transportation sector to diverse segments of the population, including with respect to race, sex, ethnicity, ability (including