

116TH CONGRESS 2D SESSION H. R. 6156

To develop and improve the transportation workforce, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

March 9, 2020

Mr. Langevin (for himself, Mr. Balderson, Ms. Craig, and Mr. McKin-Ley) introduced the following bill; which was referred to the Committee on Transportation and Infrastructure

A BILL

To develop and improve the transportation workforce, 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 "Transportation Workforce Investment Act of 2020".
- 6 (b) Table of Contents for
- 7 this Act is as follows:
 - Sec. 1. Short title; table of contents.
 - Sec. 2. Transportation education and training program.
 - Sec. 3. Surface transportation workforce grants.
 - Sec. 4. Research and development strategic plan.
 - Sec. 5. Task force on future of transportation workforce.

1	SEC. 2. TRANSPORTATION EDUCATION AND TRAINING PRO-
2	GRAM.
3	Section 504(f) of title 23, United States Code, is
4	amended to read as follows:
5	"(f) Transportation Education and Training
6	Program.—
7	"(1) Establishment.—The Secretary, in con-
8	sultation with the Secretary of Education and the
9	Secretary of Labor, shall establish a program (in
10	this subsection referred to as the 'Program') to pro-
11	vide grants to support transportation sector edu-
12	cation and workforce development projects.
13	"(2) Grant authority.—In carrying out the
14	Program, the Secretary may award a grant on a
15	competitive basis in accordance with this subsection.
16	"(3) Eligible recipients.—
17	"(A) In General.—The Secretary may
18	award a grant under the Program to any part-
19	nership that includes, at a minimum, the fol-
20	lowing entities:
21	"(i) An institution of higher edu-
22	cation.
23	"(ii) A State department of transpor-
24	tation.
25	"(iii) Not fewer than 2 transportation
26	sector employers.

1	"(B) Labor and Joint Labor-Manage-
2	MENT ORGANIZATIONS.—A partnership eligible
3	for a grant under the Program may include a
4	labor or joint labor-management organization.
5	"(4) Eligible projects.—
6	"(A) IN GENERAL.—Except as provided in
7	subparagraph (B), grant funds awarded under
8	the Program may only be used to assist a
9	project that includes, at a minimum, two of the
10	following activities:
11	"(i) Developing, implementing, and
12	assessing innovative programs of study
13	with respect to a transportation sector.
14	"(ii) Training educators to teach sec-
15	ondary or postsecondary career and tech-
16	nical education courses with respect to a
17	transportation sector.
18	"(iii) Increasing career recruitment
19	and outreach to youth, including through
20	career counseling and career exploration
21	opportunities, to encourage participation in
22	transportation sectors.
23	"(iv) Developing on-the-job training
24	and work-based learning opportunities, in-
25	cluding pre-apprenticeships and registered

1	apprenticeships, with respect to a transpor-
2	tation sector.
3	"(v) Increasing participation of under-
4	represented individuals, including women,
5	in the transportation workforce.
6	"(vi) Any other activity the Secretary
7	determines appropriate for education or
8	workforce development in a transportation
9	sector.
10	"(B) Exception.—If a project is in the
11	construction or maintenance sector, grant funds
12	awarded under the Program may only be used
13	to develop pre-apprenticeships that prepare in-
14	dividuals for acceptance into registered appren-
15	ticeships in such sector.
16	"(5) APPLICATIONS.—To be eligible for a grant
17	under this subsection, a partnership referred to in
18	paragraph (3) shall submit to the Secretary an ap-
19	plication in such form, at such time, and containing
20	such information as the Secretary determines to be
21	appropriate, which shall include, at a minimum, a
22	description of the following:
23	"(A) How the partnership will use grant
24	funds to assist an eligible project.

1	"(B) The roles and responsibilities of each
2	partner in assisting the project.
3	"(C) Any prior experience or demonstrated
4	success in workforce development of a partner.
5	"(D) The current and projected workforce
6	shortages, if any, in the relevant transportation
7	sector and how the project will address those
8	shortages.
9	"(E) Any promotion of the increased par-
10	ticipation of underrepresented individuals, in-
11	cluding women, in the transportation workforce
12	that the project will provide.
13	"(F) Any recognized postsecondary creden-
14	tials that participants in the project will be pre-
15	pared for.
16	"(G) Any registered apprenticeships, pre-
17	apprenticeships, or other on-the-job training or
18	work-based learning opportunities the project
19	will provide.
20	"(6) Considerations.—In making a grant
21	under the Program, the Secretary shall consider—
22	"(A) regional diversity;
23	"(B) the degree to which an eligible project
24	may address current or projected transportation
25	workforce shortages; and

1	"(C) if applicable, the quality of any pro-
2	posed on-the-job training or work-based learn-
3	ing opportunities to be provided.
4	"(7) Limitations on grants.—
5	"(A) Limitation on amounts.—The
6	amount of a grant under this subsection may
7	not exceed \$300,000.
8	"(B) Limitation on federal share.—
9	After a recipient has received 2 grants under
10	this subsection, subsequent grants to the recipi-
11	ent may not be in an amount that exceeds 75
12	percent of the cost of the project to be assisted
13	with the grant.
14	"(8) Report.—A recipient of a grant under
15	this subsection shall submit to the Secretary, at such
16	time as the Secretary determines appropriate, a re-
17	port that includes a description of the following:
18	"(A) How grant funds were used.
19	"(B) The education and employment out-
20	comes for individuals participating in or bene-
21	fitting from the project assisted with grant
22	funds under the Program (in this paragraph re-
23	ferred to as 'participants'), disaggregated by
24	special populations, which shall include at a
25	minimum the following:

1	"(i) The percentage, and median
2	earnings, of participants who are in unsub-
3	sidized employment 90 days after exit from
4	the project.
5	"(ii) The percentage of participants
6	who are in unsubsidized employment 180
7	days after exit from the project.
8	"(iii) The percentage of participants
9	who obtain a recognized postsecondary cre-
10	dential, or a secondary school diploma or
11	recognized equivalent during the project or
12	within 1 year after exit from the project.
13	"(iv) The percentage of participants
14	who, during the project—
15	"(I) enrolled in an education or
16	training program that leads to a rec-
17	ognized postsecondary credential or
18	employment; and
19	"(II) developed skills necessary
20	to receive such a credential or employ-
21	ment through such program.
22	"(9) Definitions.—In this subsection, the fol-
23	lowing definitions apply:
24	"(A) CAREER AND TECHNICAL EDU-
25	CATION.—The term 'career and technical edu-

1	cation' has the meaning given the term in sec-
2	tion 3 of the Carl D. Perkins Career and Tech-
3	nical Education Act of 2006 (20 U.S.C. 2302).
4	"(B) Individual with a barrier to em-
5	PLOYMENT.—The term 'individual with a bar-
6	rier to employment' has the meaning given the
7	term in section 3 of the Workforce Innovation
8	and Opportunity Act (29 U.S.C. 3012).
9	"(C) Institution of higher edu-
10	CATION.—The term 'institution of higher edu-
11	cation' has the meaning given the term in sec-
12	tion 101 of the Higher Education Act of 1965
13	(20 U.S.C. 1001).
14	"(D) ON-THE-JOB TRAINING.—The term
15	'on-the-job training' has the meaning given the
16	term in section 3 of the Workforce Innovation
17	and Opportunity Act (29 U.S.C. 3102).
18	"(E) Pre-apprenticeship.—The term
19	'pre-apprenticeship' means a training model or
20	program that prepares individuals for accept-
21	ance into a registered apprenticeship and has a
22	demonstrated partnership with one or more reg-
23	istered apprenticeships.
24	"(F) Program of study.—The term
25	'program of study' has the meaning given the

term in section 3 of the Carl D. Perkins Career 1 2 and Technical Education Act of 2006 (20 3 U.S.C. 2302). 4 "(G) Recognized Postsecondary Cre-5 DENTIAL.—The term 'recognized postsecondary 6 credential' has the meaning given the term in 7 section 3 of the Workforce Innovation and Op-8 portunity Act (29 U.S.C. 3102). 9 "(H) REGISTERED APPRENTICESHIP.— The term 'registered apprenticeship' means an 10 11 apprenticeship program registered under the 12 Act of August 16, 1937 (29 U.S.C. 50 et seq.; 13 commonly known as the 'National Apprentice-14 ship Act'), that satisfies the requirements of 15 parts 29 and 30 of title 29, Code of Federal 16 Regulations (as in effect on January 1, 2020). 17 "(I) Special populations.—The term 18 'special populations' has the meaning given the 19 term in section 3 of the Carl D. Perkins Career

"(J) Transportation sector' means an industry sector that is involved in construction, manufacturing, maintenance, operation, inspection, lo-

and Technical Education Act of 2006 (20

U.S.C. 2302).

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1	gistics, design, or engineering with respect to
2	transportation equipment, materials, tech-
3	nologies, or infrastructure (including relating to
4	surface, transit, railway, aviation, and maritime
5	transportation).
6	"(K) Underrepresented individual.—
7	The term 'underrepresented individual'
8	means—
9	"(i) an individual who belongs to a
10	special population;
11	"(ii) an individual with a barrier to
12	employment; or
13	"(iii) an individual otherwise deter-
14	mined by the Secretary to be underrep-
15	resented in the transportation workforce.
16	"(L) Work-based learning.—The term
17	'work-based learning' has the meaning given the
18	term in section 3 of the Carl D. Perkins Career
19	and Technical Education Act of 2006 (20
20	U.S.C. 2302).".
21	SEC. 3. SURFACE TRANSPORTATION WORKFORCE GRANTS.
22	Section 504(e) of title 23, United States Code, is
23	amended—
24	(1) in paragraph (1)—

1	(A) in subparagraph (B), by inserting ",
2	including development of the skills necessary to
3	utilize emerging technologies" after "develop-
4	ment'';
5	(B) in subparagraph (F), by striking
6	"and" at the end;
7	(C) in subparagraph (G), by striking the
8	period and inserting a semicolon; and
9	(D) by adding at the end the following new
10	subparagraphs:
11	"(H) on-the-job training or work-based
12	learning opportunities, including pre-apprentice-
13	ships and registered apprenticeships;
14	"(I) activities to support the establishment
15	of industry or sector partnerships;
16	"(J) activities to increase the number of
17	underrepresented individuals in such workforce;
18	and
19	"(K) activities to update facilities and
20	equipment used in career and technical edu-
21	cation programs of study."; and
22	(2) by amending paragraph (3) to read as fol-
23	lows:
24	"(3) Definitions.—In this subsection, the fol-
25	lowing definitions apply:

1	"(A) CAREER AND TECHNICAL EDU-
2	CATION.—The term 'career and technical edu-
3	cation' has the meaning given the term in sec-
4	tion 3 of the Carl D. Perkins Career and Tech-
5	nical Education Act of 2006 (20 U.S.C. 2302).
6	"(B) Individual with a barrier to em-
7	PLOYMENT.—The term 'individual with a bar-
8	rier to employment' has the meaning given the
9	term in section 3 of the Workforce Innovation
10	and Opportunity Act (29 U.S.C. 3012).
11	"(C) Industry or sector partner-
12	SHIP.—The term 'industry or sector partner-
13	ship' has the meaning given the term in section
14	3 of the Workforce Innovation and Opportunity
15	Act (29 U.S.C. 3102).
16	"(D) On-the-job training.—The term
17	'on-the-job training' has the meaning given the
18	term in section 3 of the Workforce Innovation
19	and Opportunity Act (29 U.S.C. 3102).
20	"(E) Pre-apprenticeship.—The term
21	'pre-apprenticeship' means a training model or
22	program that prepares individuals for accept-
23	ance into a registered apprenticeship and has a
24	demonstrated partnership with one or more reg-

istered apprenticeships.

- 1 "(F) PROGRAM OF STUDY.—The term
 2 'program of study' has the meaning given the
 3 term in section 3 of the Carl D. Perkins Career
 4 and Technical Education Act of 2006 (20
 5 U.S.C. 2302).
 - "(G) REGISTERED APPRENTICESHIP.—The term 'registered apprenticeship' means an apprenticeship program registered under the Act of August 16, 1937 (29 U.S.C. 50 et seq.; commonly known as the 'National Apprenticeship Act'), that satisfies the requirements of parts 29 and 30 of title 29, Code of Federal Regulations (as in effect on January 1, 2020).
 - "(H) Special populations.—The term 'special populations' has the meaning given the term in section 3 of the Carl D. Perkins Career and Technical Education Act of 2006 (20 U.S.C. 2302).
 - "(I) SURFACE TRANSPORTATION WORK-FORCE DEVELOPMENT, TRAINING, AND EDU-CATION.—The term 'surface transportation workforce development, training, and education' means activities associated with surface transportation career awareness, student transportation career preparation, and training and pro-

1	fessional development for surface transportation
2	workers, including activities for women and mi-
3	norities.
4	"(J) Underrepresented individual.—
5	The term 'underrepresented individual'
6	means—
7	"(i) an individual who belongs to a
8	special population;
9	"(ii) an individual with a barrier to
10	employment; or
11	"(iii) an individual otherwise deter-
12	mined by the Secretary to be underrep-
13	resented in the transportation workforce.
14	"(K) Work-based learning.—The term
15	'work-based learning' has the meaning given the
16	term in section 3 of the Carl D. Perkins Career
17	and Technical Education Act of 2006 (20
18	U.S.C. 2302).".
19	SEC. 4. RESEARCH AND DEVELOPMENT STRATEGIC PLAN.
20	Section 6503 of title 49, United States Code, is
21	amended—
22	(1) in subsection $(e)(1)$ —
23	(A) in subparagraph (E), by striking
24	"and" at the end:

1	(B) in subparagraph (F), by striking the
2	semicolon and inserting "; and"; and
3	(C) by adding at the end the following new
4	subparagraph:
5	"(G) developing and maintaining a diverse
6	workforce in transportation sectors."; and
7	(2) by adding at the end the following new sub-
8	section:
9	"(f) Transportation Sector Defined.—In this
10	section, the term 'transportation sector' means an indus-
11	try sector that is involved in construction, manufacturing,
12	maintenance, operation, inspection, logistics, design, or
13	engineering with respect to transportation equipment, ma-
14	terials, technologies, or infrastructure (including relating
15	to surface, transit, railway, aviation, and maritime trans-
16	portation).".
17	SEC. 5. TASK FORCE ON FUTURE OF TRANSPORTATION
18	WORKFORCE.
19	(a) Establishment.—Not later than 90 days after
20	the date of the enactment of this Act, the Secretary of
21	Transportation (in this section referred to as the "Sec-
22	retary"), in consultation with the Secretary of Education
23	and the Secretary of Labor, shall establish a task force
24	on the future of the transportation workforce (in this sec-
25	tion referred to as the "Task Force").

1	(b) Duties of Task Force.—The duties of the
2	Task Force shall be to carry out the following activities
3	(1) Conduct an assessment of—
4	(A) the current and projected state of the
5	transportation workforce, including current and
6	projected workforce shortages;
7	(B) any existing barriers to attracting, de-
8	veloping, training, or retaining a skilled trans-
9	portation workforce; and
10	(C) the projected impact of emerging tech-
11	nologies, including automation, on the transpor-
12	tation workforce.
13	(2) Develop recommendations and strategies for
14	the Secretary and States to develop and improve the
15	transportation workforce based on the assessment
16	conducted pursuant to paragraph (1), including rec-
17	ommendations and strategies on the following:
18	(A) Improving youth outreach, mentorship
19	programs, and career guidance and academic
20	counseling.
21	(B) Improving career pathways, including
22	through secondary and post-secondary career
23	and technical education programs of study

1	(C) Providing on-the-job training or work-
2	based learning opportunities, including pre-ap-
3	prenticeships and registered apprenticeships.
4	(D) Providing recognized postsecondary
5	credentials, including credentials related to
6	emerging technologies.
7	(E) Supporting targeted outreach to
8	underrpresented individuals, including women.
9	(F) Providing new skills to public trans-
10	portation workers employed in positions that
11	may be impacted by emerging technologies.
12	(c) Consideration.—In developing recommenda-
13	tions and strategies pursuant to subsection (b)(2), the
14	Task Force shall consider how businesses, educators, the
15	Secretary, State and local government agencies, and other
16	relevant stakeholders can coordinate efforts to support
17	workforce development in transportation sectors.
18	(d) Membership.—
19	(1) APPOINTMENT.—The Task Force shall be
20	composed of members appointed by the Secretary,
21	including representatives of the following:
22	(A) Regionally diverse businesses operating
23	in transportation sectors.
24	(B) Labor organizations.
25	(C) Local educational agencies.

1	(D) Institutions of higher education, in-
2	cluding community colleges and area career and
3	technical education schools.
4	(E) Eligible agencies.
5	(F) Other experts and stakeholders in
6	transportation sectors that the Secretary deter-
7	mines appropriate.
8	(2) Terms.—Each member shall be appointed
9	for the life of the Task Force.
10	(e) Initial Report.—
11	(1) Submission to secretary.—Not later
12	than 1 year after the date on which the Task Force
13	is established, the Task Force shall submit to the
14	Secretary a report containing—
15	(A) the findings of the assessment con-
16	ducted pursuant to subsection (b)(1); and
17	(B) the recommendations and strategies
18	developed pursuant to subsection (b)(2).
19	(2) Submission to congress.—Not later than
20	30 days after the date on which the Secretary re-
21	ceives the report submitted under paragraph (1), the
22	Secretary shall—
23	(A) provide written comments on the re-
24	port; and

1	(B) submit the report and written com-
2	ments to the appropriate committees of Con-
3	gress.
4	(f) TERMINATION.—Except as provided in subsection
5	(g), the Task Force shall terminate on the date that is
6	30 days after the date on which the Task Force submits
7	the initial report to the Secretary under subsection $(e)(1)$
8	(g) Updated Reports.—
9	(1) In General.—On the date that is five
10	years after the date of termination under subsection
11	(f), and every five years thereafter, the Task Force
12	shall reconvene for purposes of the update required
13	under paragraph (2) of this subsection.
14	(2) Submission to Secretary.—Not later
15	than 180 days after a date on which the Task Force
16	reconvenes under paragraph (1), the Task Force
17	shall submit to the Secretary an update of the report
18	most recently submitted to the Secretary under this
19	section by the Task Force.
20	(3) Submission to congress.—Not later than
21	30 days after a date on which the Secretary receives
22	an updated report under paragraph (2), the Sec-
23	retary shall—
24	(A) provide written comments on the up-
25	dated reports and

- 1 (B) submit the updated report and written 2 comments to the appropriate committees of 3 Congress.
 - (h) Definitions.—In this section:

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- APPROPRIATE COMMITTEES OF CON-GRESS.—The term "appropriate committees of Congress' means the Committee on Transportation and Infrastructure of the House of Representatives and the Committee on Environment and Public Works of the Senate.
 - (2) Area career and technical education SCHOOL.—The term "area career and technical education school" has the meaning given the term in section 3 of the Carl D. Perkins Career and Technical Education Act of 2006 (20 U.S.C. 2302).
 - (3) Career and Technical Education.—The term "career and technical education" has the meaning given the term in section 3 of the Carl D. Perkins Career and Technical Education Act of 2006 (20 U.S.C. 2302).
 - (4) Career Guidance and Academic Coun-SELING.—The term "career guidance and academic counseling" has the meaning given the term in section 3 of the Carl D. Perkins Career and Technical

- 1 (5) CAREER PATHWAY.—The term "career pathway" has the meaning given the term in section 3 of the Workforce Innovation and Opportunity Act (29 U.S.C. 3102).
 - (6) ELIGIBLE AGENCY.—The term "eligible agency" has the meaning given the term in section 3 of the Carl D. Perkins Career and Technical Education Act of 2006 (20 U.S.C. 2302).
 - (7) Individual with a barrier to employment" has the meaning given the term in section 3 of the Workforce Innovation and Opportunity Act (29 U.S.C. 3012).
 - (8) Institution of Higher Education.—The term "institution of higher education" has the meaning given the term in section 101 of the Higher Education Act of 1965 (20 U.S.C. 1001).
 - (9) Local Educational agency" has the meaning given the term in section 8101 of the Elementary and Secondary Education Act of 1965 (20 U.S.C. 7801).
 - (10) ON-THE-JOB TRAINING.—The term "on-the-job training" has the meaning given the term in section in section 3 of the Workforce Innovation and Opportunity Act (29 U.S.C. 3102).

- (11) Pre-apprenticeship.—The term "pre-apprenticeship" means a training model or program that prepares individuals for acceptance into a registered apprenticeship and has a demonstrated partnership with one or more registered apprenticeships.
 - (12) Program of Study.—The term "program of study" has the meaning given the term in section 3 of the Carl D. Perkins Career and Technical Education Act of 2006 (20 U.S.C. 2302).
 - (13) Recognized Postsecondary Credential.—The term "recognized postsecondary credential" has the meaning given the term in section 3 of the Workforce Innovation and Opportunity Act (29 U.S.C. 3102).
 - (14) REGISTERED APPRENTICESHIP.—The term "registered apprenticeship" means an apprenticeship program registered under the Act of August 16, 1937 (29 U.S.C. 50 et seq.; commonly known as the "National Apprenticeship Act"), that satisfies the requirements of parts 29 and 30 of title 29, Code of Federal Regulations (as in effect on January 1, 2020).
- (15) Special populations.—The term "special populations" has the meaning given the term in

section 3 of the Carl D. Perkins Career and Tech-
nical Education Act of 2006 (20 U.S.C. 2302).
(16) State.—The term "State" means each
State of the United States, the District of Columbia,
each commonwealth, territory, or possession of the
United States, and each federally recognized Indian
Tribe.
(17) Transportation sector.—The term
"transportation sector" means an industry sector
that is involved in construction, manufacturing
maintenance, operation, inspection, logistics, design,
or engineering with respect to transportation equip-
ment, materials, technologies, or infrastructure (in-
cluding relating to surface, transit, railway, aviation,
and maritime transportation).
(18) Underrepresented individual.—The
term "underrepresented individual" means—
(A) an individual who belongs to a special
population;
(B) an individual with a barrier to employ-
ment; or
(C) an individual otherwise determined by
the Secretary to be underrepresented in the

transportation workforce.

1 (19) WORK-BASED LEARNING.—The term 2 "work-based learning" has the meaning given the 3 term in section 3 of the Carl D. Perkins Career and 4 Technical Education Act of 2006 (20 U.S.C. 2302).

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