

**AMENDMENT**

**OFFERED BY MR. LAMB OF PENNSYLVANIA**

In section 9101(m) of the bill, in the matter proposed to be inserted in section 20117(b) of title 49, United States Code, strike paragraph (3) and insert the following:

1           “(3) UNIVERSITY RAIL CLIMATE INNOVATION  
2           INSTITUTE.—

3           “(A) IN GENERAL.—Of the amounts made  
4           available under paragraph (1), the Secretary  
5           may make available up to \$20,000,000 for each  
6           of fiscal years 2022 through 2026 to establish  
7           the University Rail Climate Innovation Institute  
8           under section 22913.

9           “(B) PROJECT MANAGEMENT OVER-  
10          SIGHT.—The Secretary may withhold up to 1  
11          percent from the total amounts appropriated  
12          under subparagraph (A) for the costs of project  
13          management oversight of the grant carried out  
14          under section 22913.”.

Strike section 9603 of the bill and insert the following:

1 **SEC. 9603. UNIVERSITY RAIL CLIMATE INNOVATION INSTI-**  
2 **TUTE.**

3 (a) IN GENERAL.—Chapter 229 of title 49, United  
4 States Code, is further amended by adding at the end the  
5 following:

6 **“§ 22913. University rail climate innovation institute**

7 “(a) ESTABLISHMENT.—The Secretary of Transpor-  
8 tation may make a grant to an institution of higher edu-  
9 cation to establish a University Rail Climate Innovation  
10 Institute (in this section referred to as the ‘Institute’) for  
11 the research and development of low- and zero-emission  
12 rail technologies. Such grant agreement shall not exceed  
13 5 years.

14 “(b) ELIGIBLE APPLICANTS.—To be eligible for a  
15 grant under the subsection (a), an institution of higher  
16 education shall—

17 “(1) have an active research program to study  
18 the development of low- and zero-emission rail tech-  
19 nologies or be able to demonstrate sufficient exper-  
20 tise in relevant rail research and development;

21 “(2) enter into a cost-sharing agreement for  
22 purposes of the Institute with a railroad or rail sup-  
23 plier; and

24 “(3) submit to the Secretary an application in  
25 such form, at such time, and containing such infor-  
26 mation as the Secretary may require.

1           “(c) ELIGIBLE PROJECTS.—A recipient of this grant  
2 under this section may carry out the research, design, de-  
3 velopment, and demonstration of 1 or more of the fol-  
4 lowing:

5           “(1) Hydrogen-powered locomotives and associ-  
6 ated locomotive technologies.

7           “(2) Battery-powered locomotives and associ-  
8 ated locomotive technologies.

9           “(3) Deployment of a revenue service testing  
10 and demonstration program to accelerate commercial  
11 adoption of low- or zero-emission locomotives.

12           “(4) Development or deployment of an oper-  
13 ating prototype low- or zero-emission locomotive.

14           “(5) Rail technologies that significantly reduce  
15 greenhouse gas emissions, as determined appropriate  
16 by the Secretary.

17           “(d) BUY AMERICA APPLICABILITY.—For purposes  
18 of subsection (c)(4), the recipient shall be in compliance  
19 with section 22905(a).

20           “(e) FUNDING REQUIREMENT.—The Federal share  
21 of the total cost of the Institute shall not exceed 50 per-  
22 cent.

23           “(f) CONSIDERATIONS.—In selecting an applicant to  
24 receive funding to establish the Institute, the Secretary  
25 shall consider—

1           “(1) the extent to which the proposed activities  
2 maximize greenhouse gas reductions;

3           “(2) the potential of the proposed activities to  
4 increase the use of low- and zero- emission rail tech-  
5 nologies among the United States freight and pas-  
6 senger rail industry; and

7           “(3) the anticipated public benefits of the pro-  
8 posed activities.

9           “(g) CONSIDERATION OF HBCUS.—In selecting an  
10 institution of higher education for a grant award under  
11 this section, the Secretary shall consider historically black  
12 colleges and universities, as such term is defined in section  
13 371(a) of the Higher Education Act of 1965 (2010 U.S.C.  
14 1067q), and other minority institutions, as such term is  
15 defined by section 365 of such Act (20 U.S.C. 1067k).

16           “(h) NOTIFICATION.—

17           “(1) NOTICE.—Not less than 3 days before an  
18 applicant has been selected, the Secretary shall no-  
19 tify the Committee on Transportation and Infra-  
20 structure of the House of Representatives and the  
21 Committee on Commerce, Science, and Transpor-  
22 tation of the Senate of the intention to award such  
23 a grant.

24           “(2) REPORT.—The Institute shall submit to  
25 the Committee on Transportation and Infrastructure

1 of the House of Representatives, the Committee on  
2 Commerce, Science, and Transportation of the Sen-  
3 ate, and the Secretary an annual report summa-  
4 rizing the activities undertaken by the Institute on  
5 low- and zero-emission rail technologies.

6 “(i) INSTITUTION OF HIGHER EDUCATION DE-  
7 FINED.—In this section, the term ‘institution of higher  
8 education’ has the meaning given such term in section 101  
9 of the Higher Education Act of 1965 (20 U.S.C. 1001).”.

10 (b) CLERICAL AMENDMENT.—The analysis for chap-  
11 ter 229 of title 49, United States Code, is further amend-  
12 ed by adding at the end the following:

“22913. University rail climate innovation institute.”.

