

AMENDMENT TO RULES COMMITTEE PRINT 116-

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OFFERED BY MR. CICILLINE OF RHODE ISLAND

Page 872, after line 24, insert the following:

1 **SEC. 5110. INTERAGENCY INNOVATIVE MATERIALS STAND-**
2 **ARDS TASK FORCE.**

3 (a) **PURPOSES.**—The purposes of this section shall
4 be—

5 (1) to encourage the research, design, and use
6 of innovative materials, in concert with traditional
7 materials, and associated techniques in the construc-
8 tion and preservation of the domestic infrastructure
9 network;

10 (2) to accelerate the deployment and extend the
11 service life, improve the performance, and reduce the
12 cost of infrastructure projects; and

13 (3) to improve the economy, resilience, main-
14 tainability, sustainability, and safety of the domestic
15 infrastructure network.

16 (b) **ESTABLISHMENT.**—

17 (1) **IN GENERAL.**—Not later than 180 days
18 after the date of enactment of this Act, the Director
19 of the National Institute of Standards and Tech-

1 nology shall establish an Interagency Innovative Ma-
2 terials Standards Task Force (referred to in this
3 section as the “Task Force”) composed of the heads
4 of Federal agencies responsible for significant civil
5 infrastructure projects, including the Administrator
6 of the Federal Highway Administration.

7 (2) CHAIRPERSON.—The Director of the Na-
8 tional Institute of Standards and Technology shall
9 serve as Chairperson of the Task Force.

10 (c) DUTIES.—The Task Force shall coordinate and
11 improve, with respect to infrastructure construction, retro-
12 fitting, rehabilitation, and other improvements—

- 13 (1) Federal testing standards;
14 (2) Federal design and use guidelines;
15 (3) Federal regulations; and
16 (4) other applicable standards and performance
17 and sustainability metrics.

18 (d) REPORT.—

19 (1) IN GENERAL.—Not later than 18 months
20 after the date of enactment of this Act, the Task
21 Force shall conduct, and submit to the appropriate
22 committees of Congress a report that describes the
23 results of, a study—

1 (A) to assess the standards and perform-
2 ance metrics for the use of innovative materials
3 in infrastructure projects;

4 (B) to identify any barriers, regulatory or
5 otherwise, relating to the standards described in
6 subparagraph (A) that preclude the use of cer-
7 tain products or associated techniques; and

8 (C) to identify opportunities for the devel-
9 opment of standardized designs and materials
10 genome approaches that design and use innova-
11 tive materials to reduce costs, improve perform-
12 ance and sustainability, and extend the service
13 life of infrastructure assets.

14 (2) REPORT.—The report under paragraph (1)
15 shall—

16 (A) identify any non-Federal entities or
17 other organizations, including the American As-
18 sociation of State Highway and Transportation
19 Officials, that develop relevant standards; and

20 (B) outline a strategy to improve coordina-
21 tion and information sharing between the enti-
22 ties described in subparagraph (A) and any rel-
23 evant Federal agencies.

24 (e) IMPROVED COORDINATION.—Not later than 2
25 years after the date of enactment of this Act, the Task

1 Force shall collaborate with any non-Federal entity identi-
2 fied under subsection (d)(2)(A)—

3 (1) to identify and carry out appropriate re-
4 search, testing methods, and processes relating to
5 the development and use of innovative materials;

6 (2) to develop new methods and processes relat-
7 ing to the development and use of innovative mate-
8 rials, as the applicable agency head determines to be
9 necessary;

10 (3) to contribute to the development of stand-
11 ards, performance metrics, and guidelines for the
12 use of innovative materials and approaches in civil
13 infrastructure projects;

14 (4) to develop a plan for addressing potential
15 barriers, regulatory or otherwise, identified in sub-
16 section (d)(1)(B); and

17 (5) to develop a plan for the development of
18 standardized designs that use innovative materials to
19 reduce costs, improve performance and sustain-
20 ability, and extend the service life of infrastructure
21 assets.

22 (f) INNOVATIVE MATERIAL DEFINED.—In this sec-
23 tion, the term “innovative material”, with respect to an
24 infrastructure project, includes those materials or com-
25 binations and processes for use of materials that enhance

- 1 the overall service life, sustainability, and resiliency of the
- 2 project or provide ancillary benefits relative to widely
- 3 adopted state of practice technologies, as determined by
- 4 the appropriate Secretary or agency head.

