

**AMENDMENT TO THE AMENDMENT IN THE
NATURE OF A SUBSTITUTE TO H.R. 3684
OFFERED BY MS. BROWNLEY OF CALIFORNIA**

At the end of subtitle F of title I of division B of the bill, add the following:

1 **SEC. ____ . CLIMATE-SAFE INFRASTRUCTURE WORKING**
2 **GROUP.**

3 (a) ESTABLISHMENT.—Not later than 3 months after
4 the date of enactment of this Act, the Secretary of Trans-
5 portation shall establish a working group, to be known as
6 the “Climate-Safe Infrastructure Working Group” (in this
7 section referred to as the “Working Group”), to examine
8 how to integrate scientific data regarding the projected
9 impacts and risks of climate change into infrastructure
10 planning, design, engineering, construction, operation, and
11 maintenance that is funded by the Federal Government.

12 (b) COMPOSITION.—The Working Group shall consist
13 of the following:

14 (1) One or more representatives from each of
15 the Federal agencies that participate in the U.S.
16 Global Change Research Program.

17 (2) One or more representatives from the De-
18 partment of the Treasury.

1 (3) One or more professional engineers with rel-
2 evant expertise in infrastructure design.

3 (4) One or more scientists from the National
4 Academy of Sciences.

5 (5) One or more scientists, social scientists, and
6 experts from academic and research institutions who
7 have expertise in—

8 (A) climate change projections and im-
9 pacts;

10 (B) engineering;

11 (C) architecture; or

12 (D) other relevant areas of expertise.

13 (6) One or more licensed architects with rel-
14 evant expertise in infrastructure design.

15 (7) One or more certified planners with relevant
16 expertise in climate change impacts.

17 (8) One or more representatives of State, local,
18 and Tribal governments.

19 (9) One or more representatives of environ-
20 mental justice groups.

21 (c) DUTIES.—The Working Group shall consider and
22 examine, at a minimum, the following matters:

23 (1) The current informational and institutional
24 barriers to integrating scientific data regarding the
25 projected impacts and risks of climate change into

1 infrastructure planning, design, engineering, con-
2 struction, operation, and maintenance that is funded
3 by the Federal Government.

4 (2) The critical information needed by engi-
5 neers, certified planners, Federal, State, and local
6 governments, and other persons charged with infra-
7 structure upgrades and maintenance to better ad-
8 dress the impacts and risks of climate change over
9 the lifetime of infrastructure projects.

10 (3) With respect to Federal investment and
11 planning for infrastructure, how to select an appro-
12 priate, adaptive engineering design for a range of fu-
13 ture climate scenarios.

14 (4) How to incentivize and incorporate trans-
15 portation systems thinking, considering how various
16 transportation and infrastructure projects are linked
17 together in a metropolitan region or community, into
18 regional planning and engineering design to ensure
19 the social, economic, and environmental benefits of
20 transportation and infrastructure projects are maxi-
21 mized.

22 (5) With respect to Federal investment and
23 planning for infrastructure, how to take account of
24 the risks of cascading infrastructure failures and de-

1 velop more holistic and equitable approaches to eval-
2 uating and mitigating risks of climate change.

3 (6) How to ensure that Federal investments in
4 infrastructure resilience benefit all communities, in-
5 cluding communities of color, low-income commu-
6 nities, Tribal communities, and other communities
7 that face a disproportionate risk from climate
8 change and may have experienced long-standing
9 unmet needs and underinvestment in critical infra-
10 structure.

11 (7) How Federal agencies can track and mon-
12 itor federally-funded climate resilient infrastructure
13 in a coordinated fashion to—

14 (A) help build an understanding of the
15 costs and benefits of climate resilient infra-
16 structure;

17 (B) build the capacity for climate resilient
18 infrastructure; and

19 (C) plan for investments for the future.

20 (d) COORDINATION AND CONSIDERATIONS.—In car-
21 rying out its duties, the Working Group shall—

22 (1) coordinate with other Federal climate
23 change adaptation planning efforts and strategies
24 that advance reliability and safety in infrastructure,
25 including the Mitigation Framework Leadership

1 Group and the National Mitigation Investment
2 Strategy; and

3 (2) consider and build upon existing informa-
4 tion relating to climate change, including informa-
5 tion from the most recent National Climate Assess-
6 ment.

7 (e) PUBLIC INPUT.—In carrying out its duties, the
8 Working Group shall, prior to submission of a draft report
9 under subsection (f), engage in a public stakeholder pro-
10 cess by—

11 (1) holding regional public meetings with key
12 stakeholders, including climate experts, infrastruc-
13 ture experts, State, local, and community groups,
14 and infrastructure finance and insurance experts;
15 and

16 (2) providing the public an opportunity to pro-
17 vide views, for a period of at least 60 days, to the
18 Working Group regarding the best way to incor-
19 porate scientific data regarding the projected im-
20 pacts and risks of climate change into infrastructure
21 planning, design, engineering, construction, oper-
22 ation, and maintenance that is funded by the Fed-
23 eral Government.

24 (f) PRELIMINARY RECOMMENDATIONS.—

1 (1) SUBMISSION.—Not later than 1 year after
2 the date of enactment of this Act, the Working
3 Group shall submit to the President and Congress a
4 draft report that includes preliminary recommenda-
5 tions addressing the each of the matters described in
6 subsection (c).

7 (2) PUBLIC COMMENT.—The Working Group
8 shall make draft report submitted under paragraph
9 (1) available to the public for comment for a period
10 of not less than 60 days prior to submission of the
11 final report under subsection (g).

12 (g) FINAL RECOMMENDATIONS.—Not later than 2
13 years after the date of enactment of this Act, the Working
14 Group shall submit to the President and Congress a final
15 report that includes recommendations—

16 (1) addressing each of the matters described in
17 subsection (c);

18 (2) addressing critical information gaps and
19 challenges identified by the Working Group;

20 (3) for financing options for Federal, State,
21 local, Tribal, and territorial governments to help
22 fund climate-resilient infrastructure;

23 (4) for a platform or process to facilitate com-
24 munication between climate scientists, infrastructure
25 planners, engineers, and other relevant experts;

1 (5) for a stakeholder process—

2 (A) to engage with representatives of
3 State, local, Tribal, territorial, and community
4 groups regarding the specific challenges and in-
5 equities faced by historically marginalized com-
6 munities; and

7 (B) to provide outreach and education,
8 shared knowledge, and lessons learned about
9 climate-resilient infrastructure; and

10 (6) for a platform for tracking Federal funding
11 of climate-resilient infrastructure.

