

117TH CONGRESS
2D SESSION

H. R. 9204

To require the Secretary of Transportation to develop a research program to review and evaluate the use of recycled plastic modified asphalt mixtures.

IN THE HOUSE OF REPRESENTATIVES

OCTOBER 21, 2022

Mr. BURCHETT (for himself, Mr. WEBER of Texas, and Mr. NEHLS) introduced the following bill; which was referred to the Committee on Science, Space, and Technology

A BILL

To require the Secretary of Transportation to develop a research program to review and evaluate the use of recycled plastic modified asphalt mixtures.

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.**

4 This Act may be cited as the “Recycled Plastic As-
5 phalt Act”.

6 **SEC. 2. RESEARCH AND EVALUATION OF RECYCLED PLAS-**
7 **TIC MODIFIED ASPHALT.**

8 (a) IN GENERAL.—The Secretary of Transportation
9 shall develop a research program to review and evaluate

1 the use of recycled plastic modified (referred to in this
2 section as “RPM”) asphalt mixtures and mixtures using
3 additives derived from recycled plastics.

4 (b) RESEARCH PROGRAM.—In carrying out sub-
5 section (a), the Secretary shall—

6 (1) seek input and guidance from, and work in
7 collaboration with, the asphalt pavement and plastic
8 industries, state highway and transportation offi-
9 cials, state departments of transportation, and rep-
10 resentatives from academia with expertise in recy-
11 cling plastic modification;

12 (2) evaluate the effects of RPM asphalt mix-
13 tures on long-term pavement performance, emis-
14 sions, binder aging, plant and construction oper-
15 ations, and re-recyclability;

16 (3) use experimental sections at test tracks and
17 accelerated loading facilities to quickly gain an un-
18 derstanding of long-term performance for RPM as-
19 phalt mixtures;

20 (4) enter into cooperative agreements with in-
21 stitutions of higher education and non-profit organi-
22 zations for research and technology deployment; and

23 (5) conduct demonstrations and open houses on
24 the technologies incorporating RPM asphalt mix-
25 tures.

1 (c) REPORT.—Not later than 1 year after the date
2 of enactment of this Act, and each year thereafter, the
3 Secretary shall submit a report regarding the status of
4 the research conducted under this section to the Com-
5 mittee on Environment and Public Works of the Senate
6 and the Committee on Transportation and Infrastructure
7 of the House of Representatives.

8 (d) FUNDING.—From amounts authorized to carry
9 out the highway research and development program under
10 section 503 of title 23, United States Code, the Secretary
11 shall use such funds as may be necessary to carry out this
12 section.

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