**A Bill to Use Plastic in Roadway Construction**

|  |  |  |
| --- | --- | --- |
|  | BE IT ENACTED BY THE CONGRESS HERE ASSEMBLED THAT: | |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28 | **SECTION 1:**  **SECTION 2:**  **SECTION 3:**  **SECTION 4:**  **SECTION 5:** | The United States shall require highway and roadway projects receiving a minimum of 25% total project funding from federal funds, to integrate a percentage of petroleum-based plastics in their operational compounds, such as Polystyrene.  **DEFINITIONS**   1. Polystyrene: A polymer that is commercially manufactured from petroleum. Commonly found in consumer products such as packaging and Styrofoam. 2. Bitumen: A mixture of hydrocarbons obtained through petroleum production. Used mainly for roofing and creating roads. The aggregate of the asphalt must contain at least 20% recycled plastics. The most effective mixture, between 8-10% of the bitumen in the road components, must be substituted with polystyrene.   **OVERSIGHT**   1. This legislation will be overseen by the Federal Highway Administration (FHWA). 2. Any necessary funding for this legislation will be provided by the Highway Trust Fund (HTW). 3. Road construction and maintenance projects using only concrete, and no asphalt components, are exempt from these requirements. 4. Departments who are not compliant with this legislation will forfeit federal funding for the following two years. 5. These components will be sourced locally where possible through landfills, recycling centers, or recycled plastic suppliers. If no local resources are available, outsourcing to companies within the United States is acceptable. Prices shall be negotiated as necessary.   This bill will take effect January 1, 2025.  All laws in conflict with this legislation are hereby declared null and void.  *Introduced for Congressional Debate by Annalise Johnson of Salem Hills High School.* |