

SENATE, No. 374

STATE OF NEW JERSEY 220th LEGISLATURE

PRE-FILED FOR INTRODUCTION IN THE 2022 SESSION

Sponsored by:

Senator NIA H. GILL

District 34 (Essex and Passaic)

SYNOPSIS

Requires DOT to study and issue report on use of plastic roads.

CURRENT VERSION OF TEXT

As reported by the Senate Transportation Committee with technical review.



1 AN ACT requiring the Department of Transportation to conduct a
2 study and issue a report on the use of plastic roads.

3

4 **BE IT ENACTED** by the Senate and General Assembly of the State
5 of New Jersey:

6

7 1. a. The Commissioner of Transportation shall conduct a
8 study on the use of roads constructed out of plastic materials for use
9 in this State and shall prepare and submit a written report, within
10 one year of the effective date of this act, to the Governor and,
11 pursuant to section 2 of P.L.1991, c.164 (C.52:14-19.1), to the
12 Legislature, which shall include, but not be limited to, the
13 following:

14 (1) information on the feasibility of installation of roads
15 constructed out of prefabricated plastic materials and roads
16 constructed out of mixed-aggregate asphalt containing recycled
17 plastic materials on roads including, but not limited to, the
18 necessary conditions for the installation of each type of road, the
19 direct and indirect costs of construction for each type of road, and
20 the direct and indirect costs of maintenance of each type of road;

21 (2) information on the effectiveness of roads constructed out of
22 prefabricated plastic materials and roads constructed out of mixed-
23 aggregate asphalt containing recycled plastic materials on roads in
24 this State including, but not limited to, the amount of years of the
25 useful life of each type of road, the length of time between the
26 required maintenance of each type of road, length of time between
27 the required replacement of each type of road, and ability of each
28 type of road to withstand conditions that exist on roads in this State;
29 and

30 (3) an analysis of the feasibility and effectiveness of roads
31 constructed out of prefabricated plastic materials and roads
32 constructed out of mixed-aggregate asphalt containing recycled
33 plastic materials on roads in comparison to the cost of construction
34 and maintenance of roads constructed out the mixed-aggregate
35 asphalt traditionally used by the Department of Transportation,
36 including the advantages and disadvantages of each type of road.

37 b. In addition to the written report submitted pursuant to
38 subsection a. of this section, the Commissioner of Transportation
39 may submit a proposal for legislation that, in the opinion of the
40 commissioner, improves the laws of this State regarding the use of
41 roads constructed out of or containing plastic materials.

42

43 2. This act shall take effect immediately and shall expire upon
44 the submission of the written report to the Governor and the
45 Legislature pursuant to section 1 of this act.

1 STATEMENT

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3 The bill requires the Commissioner of Transportation
4 (commissioner) to conduct a study and issue a report on the use of
5 roads constructed out of plastic materials for use in this State. The
6 report is to concern roads constructed out of prefabricated plastic
7 materials and roads constructed out of mix-aggregate asphalt
8 containing recycled plastic materials and include, but not limited to,
9 the following:

10 (1) information on the feasibility of installation of each type of
11 road including, but not limited to, the necessary conditions for the
12 installation of each type of road, the direct and indirect costs of
13 construction for each type of road, and the direct and indirect costs
14 of maintenance of each type of road;

15 (2) information on the effectiveness of each type of road
16 including, but not limited to, the amount of years of the useful life
17 of each type of road, the length of time between the required
18 maintenance of each type of road, length of time between the
19 required replacement of each type of road, and ability of each type
20 of road to withstand conditions that exist on roads in this State; and

21 (3) an analysis of the feasibility and effectiveness of each type
22 of road in comparison to the cost of construction and maintenance
23 of the type of road traditionally used by the Department of
24 Transportation, including the advantages and disadvantages of each
25 type of road.

26 The bill requires the commissioner to prepare and submit the
27 report, within one year of the effective date of the bill, to the
28 Governor and to the Legislature. In addition to the report, the
29 commissioner may submit a proposal for legislation that, in the
30 opinion of the commissioner, improves the laws of this State
31 regarding the use of roads constructed out of plastic materials.