

ASSEMBLY, No. 5513

STATE OF NEW JERSEY

219th LEGISLATURE

INTRODUCED MARCH 17, 2021

Sponsored by:

Assemblyman RAJ MUKHERJI

District 33 (Hudson)

SYNOPSIS

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

CURRENT VERSION OF TEXT

As introduced.



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

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

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

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

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

41
42 2. This act shall take effect immediately and shall expire upon
43 the submission of the written report to the Governor and the
44 Legislature pursuant to section 1 of this act.

STATEMENT

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

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

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

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

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