

GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

LOK SABHA
UNSTARRED QUESTION NO. 1755
ANSWERED ON 28TH NOVEMBER, 2019

USE OF PLASTIC WASTE IN DEVELOPMENT OF ROAD

1755. SHRI FEROZE VARUN GANDHI:

Will the Minister of ROAD TRANSPORT AND HIGHWAYS

सड़क परिवहन और राजमार्ग मंत्री

be pleased to state:

- (a) whether the Government has invested in research and development to increase usage of plastic in the development/ construction of roads in the country;
- (b) if so, the details thereof;
- (c) the manner in which the Government proposes to effectively implement its mandatory policy to make roads using discarded plastic waste along with the time frame proposed for the purpose; and
- (d) the length of road that has been constructed so far using discarded plastic waste across the country?

ANSWER
MINISTER OF ROAD TRANSPORT AND HIGHWAYS
(SHRI NITIN JAIRAM GADKARI)

(a) & (d) Indian Roads Congress (IRC) has formulated IRC SP: 98:2013 'Guidelines for the use of Waste Plastic in Hot Bituminous Mixes (Dry process) in Wearing Courses' based on laboratory as well as field performance studies/investigations carried out in India. To encourage use of waste plastic on National Highway (NH), Ministry has issued Guidelines for its use within 50 km periphery of urban areas having population 5 lakh or more. The Guidelines also stipulate to take up a stretch of at least 10 km as pilot project for assessment of its performance. Waste plastic has already been utilised in wearing course of about 50 km of NH stretches.
