

GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

LOK SABHA
UNSTARRED QUESTION No. 619
ANSWERED ON 13TH DECEMBER, 2018

NEW MATERIAL/NEW TECHNOLOGY FOR USE ON NH

619. SHRI M.K. RAGHAVAN:
SHRI MALYADRISRIRAM:
SHRI G. HARI:

Will the Minister of ROAD TRANSPORT AND HIGHWAYS

सड़क परिवहन और राजमार्ग मंत्री

be pleased to state:

- (a) whether the Centre had issued any guidelines for laying roads with shredded/ waste plastics and other type of waste materials, if so, what is the status of this, in detail;
- (b) the details of the States using shredded plastics and the length of road laid so far, in detail; and
- (c) whether this process is cost effective and also has a longer life and the measures being taken to promote this, in detail?

ANSWER

THE MINISTER OF STATE IN THE MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

(SHRI MANSUKH L. MANDAVIYA)

- (a) to (c) 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'. However, the long term performance of the waste plastic is still not available. To encourage use of waste plastic on National Highway, Ministry has also issued Guidelines for its use within 50 km periphery of urban areas having population 5 lakhs or more. The Guidelines also stipulates to take up a stretch of at least 10 km as pilot project. The National Highway Authority of India has used waste plastic in about 11km stretch of National Highways in the State of Tamil Nadu.
