

**GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS**

**LOK SABHA
UNSTARRED QUESTION No. 858
ANSWERED ON 24TH JULY, 2025**

SCIENTIFIC STUDY TO PREVENT ROAD DAMAGES

858. SHRI E T MOHAMMED BASHEER:

Will the Minister of ROAD TRANSPORT AND HIGHWAYS

सड़क परिवहन और राजमार्ग मंत्री

be pleased to state:

- (a) whether the Government is aware that roads in the State of Kerala are frequently damaged due to poor construction standards, heavy rainfall and inadequate drainage systems and if so, the details thereof ;**
- (b) whether any scientific study or technical assessment has been conducted in the past five years to identify the root causes of repeated road damage and poor durability of road surfaces in Kerala;**
- (c) if so, the studies conducted, the agencies involved and the key findings and recommendations under such study/assessment; and**
- (d) the concrete steps the Government proposes to take to ensure the adoption of scientific road design, improved construction quality, better drainage and robust maintenance practices in Kerala to prevent recurrent damage and ensure longer road life in future?**

ANSWER

THE MINISTER OF ROAD TRANSPORT AND HIGHWAYS

(SHRI NITIN JAIRAM GADKARI)

- (a) Certain under construction stretches on National Highway (NH)-66 in the State of Kerala have undergone damages. These**

are to be rectified by the respective Concessionaires/Contractors at their own cost, as they are contractually obligated to maintain the roads for 15 years in Hybrid Annuity Mode (HAM) projects and for 5years(flexible pavement) / 10 years (rigid pavement and structures) in Engineering, Procurement and Construction (EPC) projects after completion.

(b) No, Sir

(c) Does not arise.

(d) For the design, construction and maintenance of NHs, Government follows the standards & specifications prescribed by the Indian Roads Congress (IRC) to ensure quality and durability. These standards incorporate provisions for scientific road design, improved construction practices, and appropriate drainage measures to enhance the service life of roads. Further, an expert committee has been constituted to assess vulnerable locations prone to damage across all ongoing projects on NH-66 in the State of Kerala and to suggest appropriate remedial measures. The report of the Committee has not been received so far.
