

GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS
RAJYA SABHA
UNSTARRED QUESTION NO-427
ANSWERED ON-03/12/2025

DATA ON CONDITIONS OF NATIONAL HIGHWAYS THROUGH NSVs

427. SHRI ASHOKRAO SHANKARRAO CHAVAN:

Will the Minister of ROAD TRANSPORT AND HIGHWAYS be pleased to state:

- (a) whether NHAI proposes to collect data on condition of footpaths and pedestrian infrastructure along national highways through Network Survey Vehicles (NSVs) to facilitate the passenger travel and if so, details thereof;
- (b) the aims and objectives of this initiative and manner in which such data will be utilized for maintenance and safety planning;
- (c) whether Government has identified the highways or stretches for survey under this programme and if so, the details thereof; and
- (d) the details of other steps taken/being taken by Government to ensure the safety, accessibility and maintenance of footpaths and pedestrian areas along national highways across the country?

ANSWER

THE MINISTER OF ROAD TRANSPORT AND HIGHWAYS

(SHRI NITIN JAIRAM GADKARI)

- (a) Network Survey Vehicles (NSVs) are deployed to collect data for Pavement Condition Monitoring on National Highways. This does not include data of footpaths and pedestrian infrastructure.
- (b) Network Survey Vehicle based data is used to assess the condition of the pavements for planning the maintenance requirements. Based on the results of these surveys/ tests, necessary repair and maintenance activities are carried out.
- (c) The NSV surveys are carried out on Highways as per the guidelines issued from time to time. As a general practice, NSV surveys are done at following three stages:
 - i. Before the start of the highway developmental work,
 - ii. At the time of completion of work, and
 - iii. At an interval of every six months during O&M phase.
- (d) National Highways Authority of India (NHAI) carries out drone surveys, visual inspections, Dashboard Camera Surveys (under procurement), etc. periodically for assessing and monitoring the condition of pavement and other road assets for their improvement and maintenance on priority.
