

GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS
RAJYA SABHA
UNSTARRED QUESTION NO-1223
ANSWERED ON-10/12/2025

NETWORK SURVEY VEHICLES (NSVs) ON NATIONAL HIGHWAYS

1223. SHRI MILIND MURLI DEORA:

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

- (a) the present status of deployment of Network Survey Vehicles (NSVs) across the National Highway network as announced by National Highways Authority of India (NHAI);
- (b) the total length of highways surveyed and the States covered under the initiative;
- (c) the major defects and maintenance issues identified through these surveys and the corrective measures taken; and
- (d) the mechanism in place to ensure accountability of contractors and transparency of survey data for public access?

ANSWER

THE MINISTER OF ROAD TRANSPORT AND HIGHWAYS

(SHRI NITIN JAIRAM GADKARI)

(a) Network Survey Vehicles (NSVs) have been deployed by National Highways Authority of India (NHAI) across States to collect data for pavement condition, monitoring of National Highways & Expressways. 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 Operation & Maintenance (O&M) phase.

(b) During the year 2025, NSV surveys have been conducted over a total length of 34,571 km of National Highways. Out of this, 23,398 km has been covered by a laser-based 3D NSV equipment.

(c) The major pavement surface distresses observed during NSV Surveys are Roughness, Rutting, Cracking, Potholes and Ravelling. Notices are generated & issued through Datalake portal and the defects are also uploaded on NHAI ONE App. Based on the results of these surveys/ tests, necessary repair and maintenance activities are carried out.

(d) The Government notifies the defects to Contractor/ Concessionaire identified during inspections/ surveys for necessary rectification. The action taken by Contractor/ Concessionaire for the rectification of these defects within specified timelines as per

Contract Agreement is also being monitored. For assisting the public on National Highways, several online platforms/ portals are in place such as Rajmargyatra App, NHAI Toll Free 1033 Helpline No., Public Grievance Portal, RTI Portal, etc. where citizens can submit their grievances with respect to Highway maintenance and other issues.
