

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

**LOK SABHA
UNSTARRED QUESTION NO. 223
ANSWERED ON 29TH JANUARY, 2026**

**DEPLOYMENT OF ADVANCED SENSORS AND DATA ACQUISITION
SYSTEMS ON NHS**

223. SHRI V K SREEKANDAN:

Will the Minister of ROAD TRANSPORT AND HIGHWAYS

सड़क परिवहन और राजमार्ग मंत्री

be pleased to state:

(a) whether it is a fact that the National Highways Authority of India (NHAI) has decided to deploy advanced sensors and data acquisition systems across twenty three States covering a distance of over 20,000 kilometres in order to take corrective action and if so, the details thereof;

(b) whether it is a fact that the NHAI is identifying black spots based on accident reports received from the concerned State Governments which are determined on the basis of the occurrence of a specified number of accidents involving fatalities and grievous injuries and if so, the details thereof;

(c) whether it is also true that out of thirteen thousand seven hundred and ninety five black spots identified on National Highways till March 2025 long term rectification has been completed only on 5,036 black spots, if so, the details thereof; and

(d) the details of black spots identified and rectified in Palakkad district as on date?

ANSWER

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

(a) National Highways Authority of India (NHAI) has deployed Network Survey Vehicles (NSVs) to collect data for highway asset Inventorisation and pavement condition monitoring of national highways under its jurisdiction which are in O&M Stage, covering almost all the States within the country.

Further, under Phase-III of the projects, the NSV shall be deployed across 23 States of the country covering a distance of approx. 21000 Km.

(b) & (c) Government has finalized criteria for identification of road accident spots as black spot depending on number of accidents in three consecutive calendar years involving fatalities and grievous injuries, based on the road accident data provided by all the State/UT Governments.

Government has issued guidelines for immediate short-term rectification measures on black spots like road markings, signages, crash barriers, road studs, delineators, closure of median openings, traffic calming measures, etc.

Long term rectification works include improvement of road geometric, junction improvements, spot widening of carriageway, construction of underpasses/overpasses, etc. which involve pre-construction activities such as land acquisition, forest clearance & utility shifting, takes significant time.

As of now, short-term rectification has been completed on 12,490 black spots. Long-term rectification measures, as recommended by road safety audit reports, are implemented only at locations deemed necessary. Accordingly, long-term measures have been completed at 5,942 black spots, while 3,709 black spots have been assessed as not requiring such long-term interventions.

(d) A total of 112 black spots are identified on NHs in Palakkad district, out of which on 37 black spots, short term measures are completed and on 75 black spots, short term measures are ongoing.
