

No. RW/G-23012/01/2019-W&A (Part-IV)
Government of India
Ministry of Road Transport & Highways
(Planning Zone)
Transport Bhawan, 1, Parliament Street, New Delhi-110001

Dated: 21st May, 2026

To

1. The Chief Secretaries of all the State Governments/ UTs.
2. The Principal Secretaries/ Secretaries of all States/ UTs Public Works Department/ Road Construction Department/ Highways Department (dealing with National Highways and Other Centrally Sponsored Schemes).
3. All Engineers-in-Chief and Chief Engineers of Public Works Department of States/ UTs/ Road Construction Department/ Highways Departments (dealing with National Highways and Other Centrally Sponsored Schemes).
4. All CE-ROs, SE-ROs and ELOs of the Ministry.

Subject: Policy guidelines on surveying with Network Survey Vehicle (NSV) for all the projects involving development on 2, 4, 6, 8- lane, Expressway, Strengthening - **regarding.**

References: (i) Ministry's Letter No. RW/NH-33044/32/2019-S&R (P&B) dated 13.11.2019
(ii) Ministry's Letter No. RW/G-23012/01/2019-W&A (Part-IV) dated 04.02.2021
(iii) Ministry's Letter No. RW/NH-33044/64/2021-S&R (P&B) dated 31.08.2021

Madam/Sir,

Ministry vide letter no. RW/NH-33044/32/2019-S&R (P&B) dated 13.11.2019 (copy enclosed) issued comprehensive guidelines for carrying out detailed condition survey of roads by the Authority Engineer/Independent Engineer using Network Survey Vehicles (NSV) for all NH projects. The survey intervals were specified as:

- (i) Before start of the work,
- (ii) Before issue of provisional completion or completion certificate,
- (iii) Every six months after completion of work

2. Further instructions were issued vide letters dated 04.02.2021 and 31.08.2021 for uploading NSV survey data on the Centralised RAMS portal and PMIS portal under one umbrella for analysis and decision-making.

3. NHAI, vide their policy circular no. 18.94/2024 dated 29.05.2024 (copy enclosed), has issued Standard Operating Procedure (SOP) for undertaking data collection through centralised NSV agencies of NHAI. The SOP details the roles and responsibilities of the Highway Operations Unit (HOU) at NHAI HQ, PIUs/ROs, and the centralised NSV agencies engaged by NHAI.

4. In view of the SOP issued by NHAI and the need to streamline the NSV data collection for NH stretches entrusted to State PWDs, the guidelines issued earlier by the Ministry have been reviewed and amended as follows:

4.1 A dedicated and centralised NSV cell has been established in the Ministry under DG (RD) & SS to co-ordinate with the NSV cell established at NHAI HQ for carrying out the Independent NSV surveys of completed works including strengthening, IRQP, PR, PBMC works where renewal layer has been laid.

4.2 The NSV cell at MORTH will extract the list of all such works mentioned in para 4.1 above from the Data Lake system. The state-wise list in google MS-Excel sheet will be shared with all

ROs for vetting once a month by 10th of that month. ROs may add, if some stretches are missing. ROs may prioritise the stretches and indicate the same to NSV Cell by 15th of that month. ROs will share the Contract document alongwith contact no. & name of AE/IE and Contractor's representatives with name and mobile no.

4.3 The above compiled list of stretches shall be shared with NSV cell at NHAI HQ on their email id nsvcell@nhai.org alongwith contact details of RO with a copy to all concerned ROs. NHAI centralised & independent NSV surveys shall be over and above the regular NSV surveys being done as per para 1 above.

4.4 NHAI NSV cell shall make the schedule for the NSV surveys on such stretches by 25th of that month and inform to NSV Cell at MoRTH who will inform all ROs. All ROs will provide any additional information as sought by NHAI NSV cell if required.

4.5 Upon receiving the schedule, the Regional Officers shall provide the logistic support to the NSV agencies appointed by NHAI for data collection and provide all necessary documents/data related to the project as per the request of the centralised NSV agencies of NHAI. Concerned RO shall also inform AE / IE (if deployed in the stretch) regarding the centralised NSV survey and direct concerned NH division officer, AE / IE officer and Contractor's representative to witness the survey. Initially this survey shall be completed within 4 months of the indent.

4.6 The processing and analysis of the raw data collected during surveys shall be undertaken by the NSV agency under the supervision of the NSV cell at NHAI HQ.

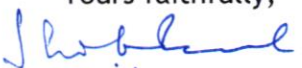
4.7 Centralised NSV survey result shall be compared with NSV report by concerned AE / IE. Appropriate action may be initiated by the Regional Officer against concerned AE / IE in case of sharp difference of results between Centralised NSV data and IE / AE data. For all intent and purposes, the centralised NSV survey result shall form the reference for the action against AE / IE.

4.8 The NSV cell at NHAI HQ shall submit a detailed report within 10 days of receipt of data to the NSV cell in the Ministry along with online generated draft notices, if any. The concerned Regional Officers of the Ministry shall initiate action as per the outcome of the survey and online generated draft notices for corrective and maintenance activities on these NH stretches. MoRTH NSC Cell will monitor all these compliances and submit a quarterly report to the DG(RD) &SS / Secretary (RT&H). The result and compliances shall be monitored in the Senior Officers' meetings for which presentation shall be prepared by head of the NSV Cell.

4.9 All the stretches where centralised NSV survey has been completed, shall also be uploaded on the Pavement Management module of RAMS portal by NHAI centralised NSV Cell.

4.10 Same process will be adopted each six months to see the compliances

5. This issues with the approval of the Competent Authority and shall come into force with immediate effect.

Yours faithfully,

(Shoba Basil)
Under Secretary (P&M)

Copy to:

1. The Chairman, NHAI, G-5 & 6, Sector-10, Dwarka, New Delhi-110 075 - with a request to issue necessary directions to the NSV cell at NHAI HQ for necessary action as per para 4 above. It is also requested to update the data Lake 3.0 for works being undertaken through State Govt & NHIDCL in line with NHAI works in respect of NSV data
2. The Managing Director, NHIDCL, World Trade Centre, New Delhi-110029:- NHIDCL is requested for creation of the centralised NSV Cell under Director (T-I) & respective EDs be entrusted with the same responsibilities as ROs. Simila process as per the instant circular may be adopted.
3. The Secretary General, Indian Roads Congress.
4. The Director, IAHE, Noida, UP.
5. All ADGs/CEs in the Ministry of Road Transport & Highways
6. All ROs of the Ministry of Road Transport & Highways
7. Technical circular file of S&R (P&B) Section
8. NIC-for uploading on Ministry's website under "What's new" & "Comprehensive Compendium Circulars with CODE 130.240.

Copy for kind information to:

1. PS to Hon'ble Minister (RT&H)
2. PS to Hon'ble MOS (RT&H)
3. Sr. PPS to Secretary (RT&H)
4. Sr. PPS to DG (RD) & SS
5. Sr. PPS/ PPS to AS&FA

Roles and Responsibilities in NSV Surveys

Entity	Key Responsibilities
NSV Cell at Ministry (under DG RD & SS)	• Coordinate with NHAI NSV Cell • Compile list of NH stretches for survey in consultation with ROs • Share identified stretches and priority order with NHAI NSV Cell • Direct all Ros for necessary action as per the outcome of the NSV Survey report
NSV Cell at NHAI (HQrs)	• Schedule data collection with centralised NSV agencies • Supervise processing and analysis of raw data • Submit detailed reports within two weeks of receipt of data to Ministry's NSV Cell
Regional Officers (ROs)	• Provide logistic support to NSV agencies • Provide necessary project documents/data