

RW/NH-33044/64/2021-S&amp;R(P&amp;B)

202.14

Government of India  
Ministry of Road Transport and Highway  
S&R(IBMS & RAMS Cell)

Dated 31<sup>st</sup> Aug 2021

To

1. The Principal Secretaries/ Secretaries of all States/ UTs Public Works Department dealing with National Highways, other centrally sponsored schemes.
2. All Engineers-in-Chief and Chief Engineers of Public Works Department of States/UTs dealing with National Highways, other centrally sponsored schemes.
3. The Director General (Border Roads), Seema Sadak Bhawan, Ring Road, New Delhi-110 010.
4. The Chairman, National Highways Authority of India, G-5 & 6, Sector-10, Dwarka, New Delhi-110 075.
5. The Managing Director, NHIDCL, PTI Building, New Delhi-110001

**Sub: Uploading and Integration of Network Survey Vehicle (NSV)/ Falling Weight Deflectometer (FWD) Survey Data with Road Asset Management System (RAMS) for all NHs entrusted to all Agencies including State PWD, NHAI, NHIDCL, BRO etc.**

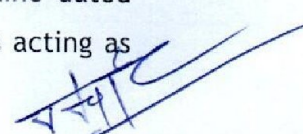
- Ref i) Ministry letter No. RW / NH-33044/ 32/2019-S&R (P&B) dated 13.11.2019  
 ii) Ministry's circular No. RW/G-23012 I 01 / 2019-W&A (Pt. III ) dt. 15.01.21  
 iii) Ministry letters No. RW / NH-33044/ 32/2019-S&R (P&B) dated 25.02.2020 & 28.02.2020  
 iv) Ministry letter No. RW/G-23012/01 12019-W&A (Part-IV) dated 04.02.2021

Sir,

Ministry has issued guidelines vide aforesaid letters for carrying out and uploading NSV Survey data on online Centralised RAMS portal as well as PMIS Portal. In order to carry out the NSV Survey on all stretches of NHs entrusted with State/UTs PWD, following guidelines may be followed.

**2. (A) Network Survey Vehicle (NSV) runs-**

- (i) NSV survey needs to be carried out on all NH stretches entrusted with PWD. In the latest Contract, NSV Survey is included in the scope of Authority Engineer (AE)/ Independent Engineer (IE)/Project Management Consultancy (PMC)/ Consultancy for Detailed Project Report (DPR). Wherever, NSV Survey is not included in the scope of existing Contract, cost of NSV Survey may be met out from contingency of any work as per Ministry Guideline dated 13.11.2019. However, in respect of EPC projects costing upto 300 cr. State PWD is acting as





**1554851/2021/S&R(Bridge)**

Authority Engineer, hence under such situation NSV survey may be carried out and cost towards this may be charged within the fund available under supervision charges of the respective projects. Further NSV Survey is also mandatorily to be done and uploaded for all Medium Term Maintenance Contracts, as per the MoRT&H Circular dated 15.01.2021, by the Contractor.

(ii) For the NHs stretches entrusted with State Governments / UTs, NSV Survey needs to be carried out for the stretches which are not covered under any ongoing work/defect liability period of the completed work/Medium Term Contract Maintenance. In such cases, cost towards NSV survey may be charged under OR(DPP) head under Maintenance & Repair (M&R) of NHs under which estimated funds can be allocated for States / UTs for payments to be made by ROs under DPP. Cost arising towards carrying out such NSV surveys may be got sanctioned from Ministry through RAMS Cell considering cost @ Rs. 4,500 per lane km per run.

(iii) Ministry vide Circular No. No. RW/G-23012/01/2019-W&A (Part-IV) dated 04.02.2021 has directed that data of NSV survey must be uploaded on the centralised RAMS portal and link for the same has already been circulated to all ROs. It is reiterated that all NSV survey data must be uploaded on centralised RAMS portal strictly as per format (which is editable in nature). Link for uploading the data on the centralised RAMS Portal is <http://nsvsurvey.nhai.org/NSVsurvey/>. The data uploaded on the above link would be the primary source for analysis and optimization of M&R fund requirements at the network level; therefore it is mandatory that NSV data be uploaded on this link.

(iv) Directions issued vide S&R Zone's letters no. RW/ NH-33044/32/2019-S&R (P&B), dated 25.02.2020, 28.02.2020 for uploading NSV data on PMIS Portal stands withdrawn.

(v) Time interval for NSV Survey may be kept as per provision of Contract. Wherever, there is no provision in Contract and also stretches which are not covered under any ongoing work/defect liability period of the completed work/Medium Term Contract Maintenance, NSV Survey may be carried out at time interval of 6 months as indicated in Para 5 of Ministry Guideline issued vide letter dated 13.11.2019

**(B) Falling Weight Deflectometer (FWD) Survey -**

(i) FWD survey also needs to be carried out on NH stretches entrusted with PWD which is under ongoing works of EPC / BOT or under defect liability period. In the latest Contract, FWD survey is included in the scope of Authority Engineer (AE)/ Independent Engineer (IE)/ Project Management Consultancy (PMC)/ Consultancy for Detailed Project Report (DPR). Wherever, FWD Survey is not included in the scope of existing Contract, cost of FWD Survey may be met out from contingency of any work. However, in respect of EPC projects costing upto 300 cr. State PWD is acting as Authority Engineer, hence under such situation FWD



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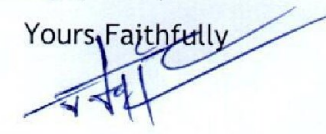
survey may be carried out and cost towards this may be charged within the fund available under supervision charges of the respective projects.

(ii) Time interval for FWD Survey may be kept as per provision of Contract. Wherever, there is no provision in contract, NSV Survey may be carried out atleast once in a year.

(iii) No FWD Survey needs to be carried out on the stretches which are not covered under any ongoing work/defect liability period of the completed work. Moreover, FWD Survey needs not to be carried out on the stretches on which work has been taken up under Medium Term Maintenance Guideline by Ministry vide letter dated 15.01.2021

3 This issues with the concurrence of Finance Wing and approval of Secretary (RT&H).

Yours Faithfully



(G R Choudhary)

Executive Engineer (NFSG) [IBMS & RAMS Cell)

Copy to:

1. JS (H)/ JS (NHIDCL)/ All CEs in the Ministry of Road Transport & Highways
2. All ROs of the Ministry of Road Transport & Highways
3. The Secretary General, Indian Roads Congress
4. Technical circular file of S&R (P&B) Section
5. NIC-for uploading on Ministry's website under "What's new"

Copy for information and necessary action 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 to AS&FA
6. Sr. PPS to Pr. CCA, MoRT&H
7. Sr. PPS / PPS / PS to ADG-I/II/III/IV