

F. 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: 04.02.2021

To

1. The Principal Secretaries/ Secretaries of all States/UTs Public Works Department dealing with National Highways, other centrally sponsored schemes.
2. The Chairman, National Highways Authority of India, G-5&6, Sector-10, Dwarka, New Delhi-110075.
3. The Managing Director, NHIDCL, PTI Building, New Delhi-110001
4. All Engineers-in-Chief and Chief Engineers of Public Works Departments of States/ UTs dealing with National Highways and other centrally sponsored schemes.
5. The Director General (Border Roads), Seema Sadak Bhawan, Ring Road, New Delhi-110010.

Sub:- Integration of NSV/FWD Survey Data with RAMS for all NHs, irrespective of Agencies (State PWD/NHAI/NHIDCL/BRO) they are entrusted with - Reg.

Ref:- (i). Ministry's Letter No. RW/NH-33044/32/2019-S&R(P&B) dated 13.11.2019.

(ii). Ministry's Letter No. RW/NH-37010/4/2010-EAP(Printing) Vol.-IV dated 05.03.2019.

Sir/ Madam,

Road Asset Management System (RAMS) for National Highways (NHs) has been developed with the objective to create a single road database for managing and maintaining the entire NH network in India through a systematic, scientific and life cycle analysis.

2. A dedicated and centralised RAMS Cell has been established at NHAI through outsourcing, which aims to bring all initiatives related to data collection, data management, and information sharing on NHs under one umbrella, including periodical data collection by NH Divisions of State PWDs, NHAI, NHIDCL, BRO and their Concessionaires, Contractors and Consultants, etc. The main objective of the RAMS Cell is to operate, maintain, update database and upgrade RAMS system developed for all NHs in India, irrespective of the Agencies with whom such stretches of NHs are entrusted. These are to be eventually used for analysis and decision making process.

3. The Ministry has already mandated the use of Network Survey Vehicle (NSV) in all projects of development and strengthening, vide letter under reference (i).

4. Additionally, it has also been decided that pavement strength is to be measured using Falling Weight Deflectometer (FWD), at least once a year upon completion of project, in accordance with Schedule K "Tests on Completion" of Standard EPC Agreement issued vide letter under ref (ii).

5. To facilitate planning, programming and budgeting of NHs in the country, including prioritization of stretches for their development/M&R, it has been decided that, henceforth, the stretch-wise data obtained from NSV and FWD in respect of all NHs, irrespective of the Agencies they are entrusted with, shall be mandatorily fed into RAMS system through the RAMS Cell established in NHAI.

Accordingly, it is requested to take necessary action as follows, with immediate effect and until further orders:-

(i) All executing agencies (State PWD/NHAI/NHIDCL/BRO) shall upload NSV/FWD survey data on the portal:-

<http://nsvsurvey.nhai.org/NSVsurvey/>

(ii) Field units of the Agencies are required to register themselves on the portal and, thereafter, upload NSV/FWD survey data file after submitting details of the relevant NH stretch, date of survey etc., for enabling data validation and processing by the RAMS Cell prior to loading into RAMS.

(iii) Legacy data previously recorded/ collected over the years, as per extant policy of the Ministry, and preserved by the respective Agencies are also to be fed into the above mentioned centralised portal. Accordingly, all data collected by various agencies till date need to be invariably uploaded along with chronological details.

(iv) All the Regional Officers of the Ministry/NHAI or equivalent field officers in other executing agencies of the Ministry are requested to ensure that the above requisite data are uploaded regularly on the above portal, preferably within 15 days after completion of survey and also invariably before award of work/issue of Completion Certificate as applicable as per extant policy amended from time to time.

(v) In case of any difficulty/query/help related to uploading of data, it is requested to contact RAMS Cell in NHAI at the following:-

Mr. Narinder Pal Singh, Project Manager

Mob: +91-9891275159

Email: rams@nhai.org

6. The contents of this OM may please be brought to the notice of all the concerned officers/officials for needful compliance.

Enclosure: As above



(A. Maulik)

Executive Engineer (Planning)

Email: planningmorth@gmail.com

Copy for information and necessary action to:-

1. 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. GM (IT)/DGM(IT), NHAI

5. Technical circular file of S&R (P&B) Section
6. NIC-for uploading on Ministry's website under "What's New"

Copy for 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 to AS&FA
6. Sr. PPS / PPS / PS to all ADGs
7. Sr. PPS / PPS / PS to JS (H)/ JS (NHIDCL)/ JS (Toll) / JS (LA&C)/ JS(IT)