

NH-15017/14/2022-P&M
Government of India
Ministry of Road Transport & Highways
Transport Bhawan, 1, Parliament Street, New Delhi-110001

Dated 26th December, 2022

OFFICE MEMORANDUM

Subject: Standard Operating Procedure (SOP) for Validation of National Highways Network and other logistics and allied infrastructure projects on PM GatiShakti Portal - Regarding

Cabinet Committee on Economic Affairs (CCEA) accorded approval for the implementation of PM GatiShakti National Master Plan on 21.10.2021 for providing multimodal infrastructure connectivity to various economic/social nodes. The plan envisaged integrating the infrastructure data of all central and state Ministries on the common platform for integrated planning, project monitoring, and streamlined coordination for eliminating bottlenecks in the project implementation.

2. MoRT&H has mapped ~1,41,000 km of the National Highways (NHs) network and uploaded the GIS mapping of the NHs Network developed by MoRT&H on the PM GatiShakti National Master Plan (NMP) portal. Out of this, ~69% i.e., ~97,800 km of the NHs network, provided by field units of Roads Wings, NHAI & NHIDCL, have been uploaded on the portal. Additionally, Regional officers of MoRT&H were authorized on 14.10.2022 to onboard the survey agency for developing the alignment file for the pending NH network.

3. MoRT&H has planned to update and validate the entire NHs Network on the PM GatiShakti NMP Portal. This has to be completed by 31st January 2023 as per target given to highest authorities. The field officers of Roads Wing, NHAI, NHIDCL and BRO shall have to urgently validate the network available on the portal based on actual/GIS-based surveys in terms of KMZ / KML files. SOP enclosed as Annexure-I shall be followed for validation of the NHs network and other logistics and allied infrastructure projects on the PM GatiShakti NMP Portal.

4. For any further assistance, Sh. Bidur Kant Jha, Director (Technical) (M: +91 88261 73057; email: bidurkant.jha@gov.in), may also be contacted in this regard.

Enclosure: As above

Bidur Kant Jha

Bidur Kant Jha
26-12-2022
Director (New Technology)

To,

1. The Principal Secretaries/ Secretaries of all States/ UTs Public Works Departments dealing with National Highways, Other Centrally Sponsored Schemes & State Schemes
2. The Engineers-in-Chief/ Chief Engineers of all States/ UTs Public works Departments dealing with National Highways, Other Centrally Sponsored Schemes

3. The Chairperson, National Highways Authority of India (NHAI), G-5&6, Sector-I0, Dwarka, New Delhi- 110075
4. The Managing Director, NHIDCL, 3rd Floor, PTI Building, 4- Parliament Street, New Delhi - 110001
5. Director General (Border Roads), Seema Sadak Bhawan, 4- Parliament Street, New Delhi - 110001
6. All Project Zone CEs of the Ministry
7. JS (EAP) / JS (Logistics)
8. All ROs of the Ministry
9. SE(BP&SP) / Director (New Technology)

Copy for information and necessary action to: -

1. The Secretary (General), IRC
2. The Director (IAHE)
3. NIC - for uploading on Ministry's website under "What's new"
4. Sr. PPS to Secretary (RT&H)
5. Sr. PPS to DG (RD) & SS
6. Sr. PPS to AS&FA
7. Sr. PPS to AS (H) / AS (NHIDCL Cell & Ropeway Projects) / AS (RT, MVL & RS) / ADG (S&R)

Standard Operating Procedure (SOP) for Validation of National Highways Network and other logistics and allied infrastructure projects on PM GatiShakti Portal

Validation of NH Network

a. One-Time Validation (Immediate and Short Term)

- i. The Regional Officers (ROs) of Roads Wing / NHAI / NHIDCL / BRO of MoRT&H shall leverage the NH validation tool on the NMP portal, co-developed by MoRT&H & BISAG-N, to compare the existing alignment (from PM GatiShakti Cell of MoRT&H) with alignment shared by the Regional / Field Office, and communicate resolution plan through the "Remarks" functionality present on the portal.
- ii. Post validation by the ROs, the BISAG-N Team shall reconcile the observations shared by them for updating it on NMP Portal.
- iii. BISAG-N shall update the alignments on the NMP Portal.
- iv. Once the NH Network is updated on NMP Portal, the ROs shall review the updated alignment and provide the sign-off for NH Network validation on the portal.
- v. The entire validation activity will be executed in supervision of PM GatiShakti Cell of MoRT&H.

b. Ongoing Update of NH Network (Medium Term)

- i. MoRT&H implements various National Highway development projects simultaneously, leading to the continuous expansion of the NH network, change in the alignment, construction of bypasses, etc. along with changes in the attributes such as lane status, RoW, etc. Therefore, NH Network is required to be updated on the portal on a regular basis.
- ii. This is difficult to manage centrally due to the large quantum of work and coordination required with various offices of the implementing agencies. MoRT&H has planned to implement the following action plan to decentralize the validation process:
 1. MoRT&H will coordinate with BISAG-N to provide authorization to edit and validate the NH network to PM GatiShakti Cell of MoRT&H along with the **limited access** to ROs of Roads Wing / NHAI / NHIDCL / BRO.
 2. The ROs shall update / add / delete the alignment due to changes in alignment, construction of bypasses, newly notified / de-notified NHs within 7 working days from the date of notification.
 3. Any update in the network on the portal shall be communicated by the ROs of Roads Wing / NHAI / NHIDCL / BRO to PM GatiShakti Cell along with BISAG-N within 2 days from the date of change.

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4. The change implemented on the NMP Portal will be validated by PM GatiShakti Cell of MoRT&H in close conjunction with BISAG-N for approving it on the portal.

2. Other Logistics and Allied Infrastructure

a. One-Time Validation (Immediate and Short Term)

- i. The validation process, as highlighted in Step 1a, shall be followed by ROs of Roads Wing / NHAI / NHIDCL / BRO for validation of other logistics and allied infrastructure on NMP Portal (e.g. such as Multi Modal Logistics Parks (MMLPs), Way Side Amenities (WSAs), Emergency Landing Facilities, Helipads, OFCs network being laid by NHAI etc.) by 28th February, 2023.

b. Ongoing Update of other Logistics and Allied Infrastructure (Medium Term)

- i. In line with Step 1b, the alignment files (KML/KMZ) of other logistics and allied infrastructure shall be uploaded on PM GatiShakti National Master Plan Portal within a week from the date of finalization of alignment/location by the ROs of Roads Wing / NHAI / NHIDCL / BRO.

Clarifications -

- (i) The process highlighted in Step 1a and 2a is the immediate action plan for validating the existing NHs Network and updating the allied infrastructure on the NMP Portal.
- (ii) For Step 1b and 2b, PM GatiShakti Cell of MoRT&H will coordinate with DPIIT and BISAG-N to provide the required access of the NMP Portal to the ROs for implementing the changes directly on the portal.
- (iii) Till the time Step 1b and 2b are implemented by DPIIT through BISAG-N, process as per Step 1a and 2a shall continue to be followed.

Bidur Kant Jha
26-12-2022