



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport and Highways, Government of India)

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भाराराप्रा/ नीति दिशानिर्देश /विविध दिशानिर्देश/2026

नीति परिपत्र सं. 18.137/ 2026 दिनांक 19th अगस्त, 2026

{(ई-ऑफिस फाइल सं. DPR-12024/4/2025-DPR Cell (कम्प्यूटर सं. 291605 पर लिया गया निर्णय)}

NHAI/ Policy Guidelines/ Miscellaneous Guidelines/2026

Policy Circular No. 18.137/ 2026 dated 19th August, 2026

{(Decision taken on E-Office File No. DPR-12024/4/2025-DPR Cell (Comp No. 291605)}

विषय: सड़क परिवहन एवं राजमार्ग मंत्रालय के दिनांक 29.07.2026 के कार्यालय ज्ञापन का अंगीकरण एवं कार्यान्वयन - परियोजना नियोजन एवं डीपीआर तैयार करने में पीएम गतिशक्ति (PMGS) पोर्टल के अनिवार्य उपयोग संबंधी नीति-निर्देश - संबंधी।

Sub: Endorsement and Implementation of MoRT&H OM dated 29.07.2026 - Policy Guidelines on Mandatory Use of PMGS in Project Planning -reg:-

संदर्भ: सड़क परिवहन एवं राजमार्ग मंत्रालय का कार्यालय ज्ञापन सं. RW/NH-34066/16/PM Gatishakti /2023-24 दिनांक 29.07.2026।

Ref.: MoRT&H OM No. RW/NH-34066/16/PMGatishakti/2023-24 dated 29.07.2026.

सड़क परिवहन एवं राजमार्ग मंत्रालय द्वारा दिनांक 29.07.2026 के कार्यालय ज्ञापन के माध्यम से परियोजना नियोजन एवं डीपीआर तैयार करने में पीएम गतिशक्ति (PMGS) पोर्टल के अनिवार्य उपयोग संबंधी नीति-निर्देश जारी किए गए हैं। उक्त कार्यालय ज्ञापन में पीएम गतिशक्ति (PMGS) पोर्टल के उपयोग हेतु मानक संचालन प्रक्रिया (SOP), डीपीआर परामर्शदाताओं को नियंत्रित अभिगम (Controlled Access) उपलब्ध कराने तथा परियोजना विकास प्रक्रिया में पीएम गतिशक्ति (PMGS) के आउटपुट के एकीकरण संबंधी दिशा-निर्देश भी दिए गए हैं।

The Ministry of Road Transport & Highways, vide Office Memorandum No. RW/NH-34066/16/PMGatishakti/2023-24 dated 29.07.2026, has issued Policy Guidelines regarding the mandatory use of the PM GatiShakti (PMGS) Portal during Project Planning and DPR preparation. The OM also prescribes the SOP for utilization of the PMGS Portal, provision of Controlled Access to DPR Consultants and the associated Guidelines for ensuring integration of the PMGS Outputs in Project development process.

2. तदनुसार, उक्त सड़क परिवहन एवं राजमार्ग मंत्रालय के कार्यालय ज्ञापन की प्रति सूचना, मार्गदर्शन तथा अनुपालन हेतु सभी संबंधितों को इसके साथ संलग्न कर प्रेषित की जाती है।

Accordingly, a Copy of the aforesaid MoRT&H Office Memorandum is enclosed herewith for Information, Guidance and Compliance by all Concerned.

Contd....2/-

3. यह सक्षम प्राधिकारी के अनुमोदन से जारी किया जाता है।
This issues with the approval of Competent Authority.

संलग्नक: यथोपरी।

Encl.: As stated above.


19/08/26

(सीएस. संजय कुमार पटेल/ CS. Sanjay Kumar Patel)
प्रभारी मुख्य महाप्रबंधक(समन्वय) (i/c) Chief General Manager (Coord.)

प्रति/ To:

भाराराप्रा मुख्यालय/आरओ/पीआईयू/सीएमयू/साइट कार्यालयों के सभी अधिकारी।
All Officers of NHAI HQ/ ROs/ PIUs/ CMUs/ Site Offices.

प्रतिलिपि/ Copy to:

1. पुस्तकालय की साइट पर प्रकाशन के लिए पुस्तकालय को।
Library for hosting the Circular on Library site.
2. परिचालन के लिए वेब एडमिन को।
Web Admin for Circulation.
3. सचिव, सड़क परिवहन और राजमार्ग मंत्रालय के प्रधान निजी सचिव को सूचनार्थ।
PPS to Secretary, MoRT&H for Kind Information.

No. RW/NH-34066/16/PMGatishakti/2023-24
Government of India
Ministry of Road Transport & Highways
Transport Bhawan, 1, Parliament Street, New Delhi-11001
(P&M Section)

Dated, the 29th July, 2026

OFFICE MEMORANDUM

Sub: Standard Operating Procedure (SOP) for Officers of MoRTH and its Implementing Agencies - Authorized Access to PM GatiShakti Portal for DPR Consultants and Mandatory Use of PMGS in Project Planning - reg.

Ref: (i) Ministry's letter no. 1501/14/2022-P&M, dated 29.05.2023.
(ii) Ministry's letter of even no., dated 11.07.2025.
(iii) Ministry's OM of even no., dated 15.07.2026

The undersigned is directed to refer letters u/r (ii) vide which NPG consultation has been made mandatory for all NH projects costing more than Rs. 500 crore and Greenfield projects costing more than Rs. 100 crore & 10 km length. Further, vide letter u/r (i), detailed SOP for use of PMGS portal has been issued. Since then, PMGS portal has been upgraded manifold and has become user friendly and enriched with numerous data layers.

2. It has been decided that use of PMGS portal shall be mandatory during project planning & DPR preparation and shall form part of the Inception Report, Feasibility Report and Final DPR. The concerned officer of MoRTH and its Implementing Agencies shall ensure that the DPR consultant effectively leverage the PMGS Portal for the said purpose. Accordingly, detailed Standard Operating Procedure (SOP) is attached at Annexure-I.

3. It may also be informed that controlled access to the PMGS Portal has been provided for DPR consultants engaged by MoRTH and its implementing agencies vide OM u/r (iii). The concerned Project Director (PD), PIU shall verify the association of the nominated user with the DPR assignment, and the Regional Officer (RO)/authorized approver shall approve such access.

4. For DPR study, the following are to be ensured: -

- i. All reports shall include a dedicated chapter/sub-section titled "Use of PM Gati Shakti in Project Planning". The corresponding checklist is enclosed at Annexure-II. Non-inclusion of relevant PMGS outputs may be treated as a deficiency in report submission.
- ii. During alignment approval meetings, proposed alignment along with all alternative alignments shall mandatorily be demonstrated live on the PMGS Portal. Proposals not supported with such live demonstration shall not be accepted.
- iii. For projects placed before the Network Planning Group (NPG), presentation shall mandatorily include PMGS-based maps/outputs and a timestamped Portal Usage Trail indicating login date, time & activities performed on the Portal.

-:2:-

5. For any assistance concerned officer may reach out to MoRTH or BISNG-N through pmgatihakticellmorth@gmail.com.

Digitally signed by
SHOBA BASIL

Date: 30-07-2026
15:29:39

Encl.- As above.

(Shoba Basil)

Under Secretary to the Government of India

Ph +91 - 11 - 23714001

To,

1. Chairman, NHAI

2. MD, NHIDCL

3. Director General(Border
Roads)

4. All Nodal officer project Zone

5. All regional officers of
MoRTH/NHAI and NHIDCL

With the request to circulate the above SOP among
all consultants and field officers

Internal circulation:-

PSO to Secretary(RT&H) / PSO to DG(RD)&SS / DG, BISAG-N / CE(PL)



F. No. RW/NH-34066/16/PMGatishakti/2023-24
Government of India
Ministry of Road Transport & Highways
Transport Bhawan, 1, Parliament Street, New Delhi-11001

Dated 15th July, 2026

OFFICE MEMORANDUM

Sub: Use of PM Gatishakti Portal by DPR Consultants of MoRTH.

Considering the requirement of use of PM Gatishakti Portal by the DPR Consultants government has allowed the limited access of PM Gatishakti portal by the consultants. A detailed SOP regarding login credentials and usage of Gatishakti Portal is attached at Annexure-I.

2. Use of PM Gatishakti output shall be mandatory as part of inception report, feasibility report and DPR. All reports will contain an exclusive chapter regarding how the PMGS portal has been used in planning the alignment and other aspects of the projects. A checklist for the same is attached at Annexure-II

3. For any assistance or training requirement the consultant concerned can reach out to MoRTH or BISNG-N. They can mail such requirement to MoRTH at pmgatishakticellmorth@gmail.com.

Digitally signed by

Shoba Basil

Date: 15-07-2026

16:33:11

(Shoba Basil)

Under Secretary (P&M)

Ph -23714001

To,

1. Chairman NHAI

2. MD, NHIDCL

3. Director General Border Roads

4. All Nodal officer project Zone
and All ROs of MoRTH

} It is requested to circulate the above SOP to all consultants and field officers

Copy to:

1. PSO to Secretary, RTH

2. PPS to DGRD&SS

3. Director General, BISAG-N

Annexure - I

Standard Operating Procedure (SOP) for Authorized Access to PM Gati Shakti Portal for DPR Consultants and Mandatory Use of PMGS in Project Planning

1. Background, Objective and Applicability

1.1 PM GatiShakti National Master Plan (PMGS NMP) is an integrated GIS-based platform for coordinated infrastructure planning. DPR consultants engaged in National Highway and associated road infrastructure projects may be granted controlled access to relevant PMGS layers for evidence-based project planning.

1.2 This SOP shall apply to nominated individual users of DPR consultants formally engaged by MoRT&H, NHAI, NHIDCL, BRO, State PWDs or any agency working on behalf of MoRT&H, as applicable.

1.3 The PMGS portal shall be used as a planning and appraisal support tool. Portal outputs shall supplement, and shall not substitute, field investigations, engineering surveys, traffic studies, statutory processes and consultations with concerned authorities.

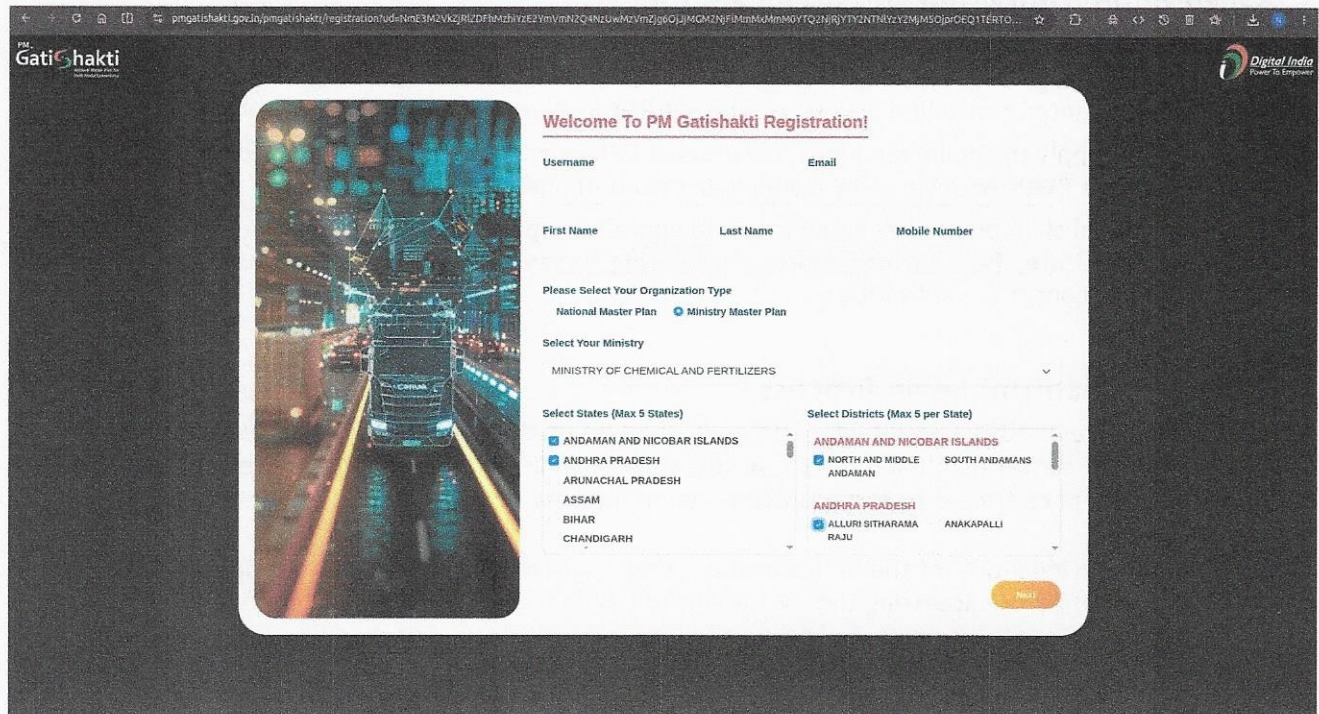
2. Access Mechanism: Login Process

2.1 A dedicated role of "DPR Consultant / Surveyor" shall be used for providing controlled access to PM GatiShakti National Master Plan (PMGS NMP). Access shall be individual-user based, project-specific, time-bound, auditable and restricted to the approved Area of Interest.

The nominated individual user of the DPR consultant shall register and authenticate through JanParichay Single Sign-On (SSO) before accessing the PM GatiShakti NMP portal. The process shall be as under:

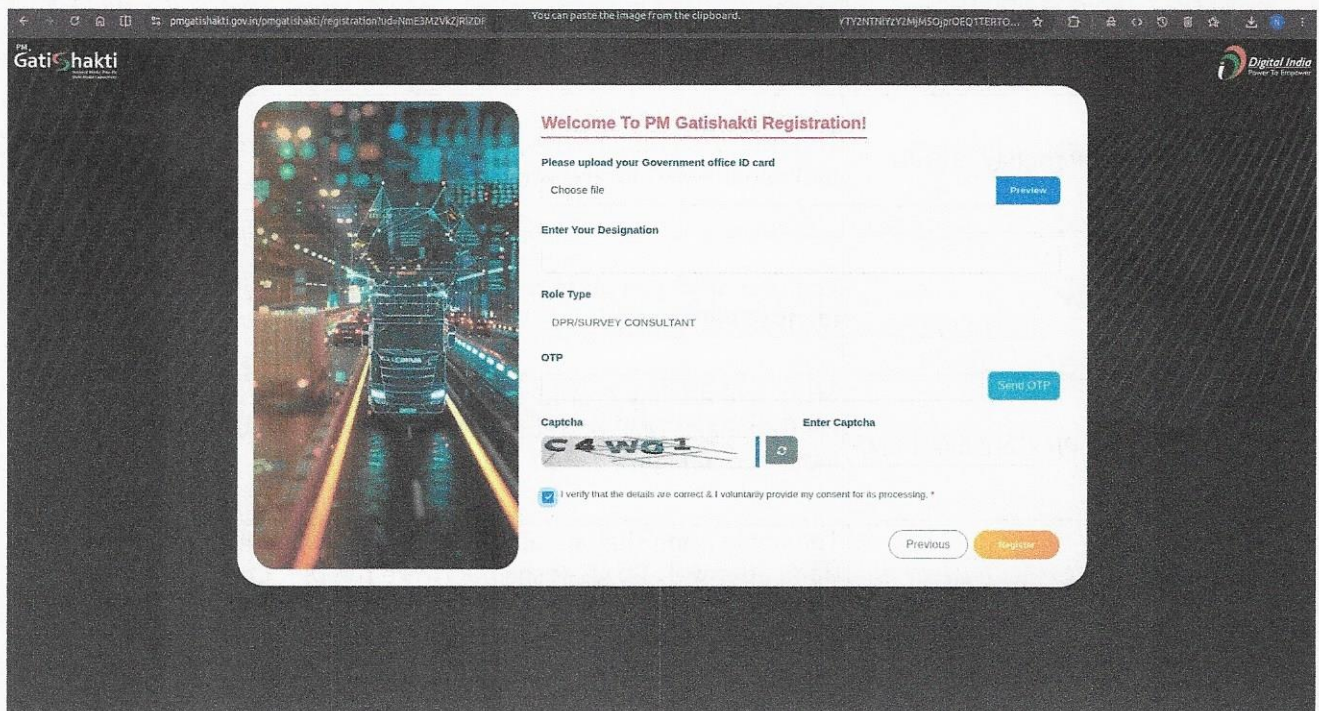
S no.	Step	Detail
1	Sign-up on JanParichay	The nominated user shall sign up on the JanParichay portal and create an individual user profile. Generic or shared IDs shall not be permitted.
2	Update JanParichay profile	The user shall update the JanParichay profile with mobile number, individual email ID and other required details.
3	Complete e-KYC	The user shall complete e-KYC on JanParichay using Aadhaar-based identity verification.
4	Register on PM GatiShakti NMP	After JanParichay profile verification, the user shall register on the PM GatiShakti NMP portal and submit mandatory details as indicated in <i>Figure 1 & 2</i> .
5	Approval and activation	The application shall be approved by the RO / authorised approver. Upon approval, BISAG-N shall activate the DPR Consultant / Surveyor role and map the user to the approved project geography and access duration.
6	Login to PM GatiShakti	After successful activation, the user shall log in to PM GatiShakti through JanParichay SSO and shall be redirected to the assigned dashboard for access to enabled services.

Figure 1



The screenshot shows the PM Gatishakti Registration page. The header includes the PM Gatishakti logo and the Digital India logo. The main content area is titled "Welcome To PM Gatishakti Registration!". The form includes fields for Username, Email, First Name, Last Name, and Mobile Number. Below these fields, there are sections for "Please Select Your Organization Type" (National Master Plan and Ministry Master Plan), "Select Your Ministry" (Ministry of Chemical and Fertilizers), and "Select States (Max 5 States)" and "Select Districts (Max 5 per State)". The states listed are Andaman and Nicobar Islands, Andhra Pradesh, Arunachal Pradesh, Assam, Bihar, and Chandigarh. The districts listed are North and Middle Andaman, South Andamans, Alluri Sitharama Raju, and Anakapalli. A "Next" button is at the bottom right.

Figure 2



The screenshot shows the second step of the PM Gatishakti Registration process. The header includes the PM Gatishakti logo and the Digital India logo. The main content area is titled "Welcome To PM Gatishakti Registration!". The form includes fields for "Please upload your Government office ID card" (with a "Choose file" button and a "Preview" button), "Enter Your Designation" (with a text input field), "Role Type" (with a dropdown menu showing "DPR/SURVEY CONSULTANT"), "OTP" (with a text input field and a "Send OTP" button), and "Captcha" (with a text input field and a "Enter Captcha" button). At the bottom, there is a checkbox for "I verify that the details are correct & I voluntarily provide my consent for its processing." and two buttons: "Previous" and "Register".

2.2 DPR consultant must mandatorily apply for PMGS Access within one month of agreement signing. Any change in nominated personnel shall be routed through PD/PIU and RO, and the earlier account shall be deactivated before replacement access is activated.

[Handwritten signature]

3. Use of PMGS Portal in Project Planning

3.1 Use of PMGS during desktop study

PM Gati Shakti Portal shall be leveraged, wherever applicable, as a supplementary planning input during the desktop study undertaken for project planning.

The use of PMGS under this SOP is intended to support the DPR preparation process by providing access to relevant spatial datasets, planning layers and analysis outputs. It shall not substitute the methodology, surveys, investigations, consultations, statutory processes or deliverables prescribed under the applicable RFP/ToR/contract provisions or manual/guideline issued by the competent authority. It will also not obliterate any responsibility of the study mentioned in the TOR.

As part of desktop study, the consultant shall:

- Define the Origin, Destination, intermediate control points, project influence area and study buffer on PMGS
- Study intersections with key layers, particularly forest / wildlife / eco-sensitive areas, High Tension power lines / major utilities, and other modes of transport such as railway, airport, port, inland waterway and logistics infrastructure.
- The findings shall be validated through field verification and confirmation from respective authorities, wherever applicable.

3.2 Available PMGS datasets for DPR study

3.2.1. Land Data:

Administrative boundaries, land survey/cadastral data layers etc. available within State-specific Revenue layers may be leveraged for preliminary land requirement review and expedited land acquisition planning. This may also help identify affected villages as per proposed RoW, broad parcel-level impacts and potential land-related constraints at an early stage.

3.2.2. Traffic Inputs:

Road Traffic data layers (Toll traffic, Traffic survey point data & traffic-generating nodes) may be used to supplement traffic surveys, O-D surveys, classified counts, FASTag / toll data and other traffic inputs required under the DPR assignment.

3.2.3. Forest, Wildlife and Environmental constraints:

Forest, wildlife protected area, eco-sensitive zone, water body and other environmental layers available on PMGS / linked platforms shall be used for early identification of sensitive intersections, avoidance / minimization of impacts and preliminary clearance planning.

3.2.4. Utilities and Other Infrastructure intersections:

Layers relating to High Tension power lines, substations, pipelines, canals, water assets, irrigation infrastructure and other utilities may be used to identify likely utility shifting, clearance and coordination requirements.

3.2.5. Other modes of Transport & Node connectivity:

Railway lines, airports, ports, inland waterways, logistics parks, multimodal terminals and related infrastructure layers (Existing & Planned) may be used to assess complementarity, overlaps & traffic implications.

Layers for other social & economic nodes may also be leveraged to assess the requirement of spurs / connectors / interchanges to support an area-based approach to infrastructure development

3.3 Available Tools for Analysis in PMGS

The following PMGS tools may be used by the consultant for analysis, as appropriate. Detailed operation of the tools shall be as per the applicable PMGS user manual/training material/instructions issued by BISAG-N & may further be elaborated during training workshops.

- The Alignment Creation / DPR tool may be used for plotting preliminary corridor options, including crow-flight or free-hand alignments, as appropriate.

- The Alignment Modification tool shall be used to refine alternatives based on engineering feasibility, road safety, sensitive areas, land requirement, utilities, node connectivity and observations arising from the first-stage intersection study.
- Chainage Generation and RoW Generation tools shall be used for the optimised alignment to support land requirement assessment, clearance mapping and meeting-level review.
- The Report Generation tool shall be used to generate intersection, clearance and node-connectivity reports. The refined alignment shall be exported as KML for DPR drawings, digital submission and approval presentations.

A handwritten signature in blue ink, consisting of a stylized 'H' followed by a flourish.

Annexure-II

PMGS Evidence Checklist to be Included in DPR

S. No.	PMGS evidence / output
1	Project location map showing Origin, Destination, control points and study buffer
2	Proposed and alternative alignments shown on PMGS with relevant overlays
3	First-stage intersection assessment for forest / wildlife, HT power lines and other modes of transport, including authority confirmation status
4	KML file of refined alignment exported from PMGS / DPR module
5	Chainage and RoW overlay generated on PMGS
6	Traffic indicators, toll traffic data and traffic survey point extracts, wherever used
7	Node connectivity report covering economic, logistics, social / tourist and multimodal nodes
8	Intersection and clearance report for railways, pipelines, utilities, water assets, power transmission and other infrastructure
9	Environmental screening map using MoEFCC / PARIVESH and other sensitive-area layers
10	Cadastral / land record overlay, wherever available
11	PMGS screenshots / reports used in alignment approval and NPG presentation, if available
12	Brief note explaining how PMGS findings influenced alignment finalisation and project planning

Note: The checklist is indicative and non-exhaustive. The Authority may require additional PMGS outputs depending on project complexity, geography and appraisal requirements.

