

NEWSLETTER

CONSTRUCTION INFRASTRUCTURE UPDATES

FRIDAY, JULY 24 - 25, 2025

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Bharatmala Pariyojana: Over 3,480 km Of National Highways Completed In Madhya Pradesh And Maharashtra
Swarajya,
July 25, 2025



National Highway (representative image)

The Centre on Thursday (24 July) informed the Parliament that over 4,000 km of project length has been awarded in Madhya Pradesh and Maharashtra under the Bharatmala Pariyojana.

Out of the total awarded project length, over 3,480 km of projects have been completed in both states.

In response to a question in the Lok Sabha, the Union Minister for Road Transport and Highways, Nitin Gadkari, provided updates on the progress of the Bharatmala Phase-I projects in these states, revealing that 1,570 km of the awarded 1,913 km in Madhya Pradesh, and 1,913 km of the awarded 2,174 km in Maharashtra have been completed as of 30 June 2025.

He added that smart technologies such as Automated & Intelligent Machine-aided construction (AI-MC), LIDAR and drone based analytics etc. are being adopted in Highway construction.

The minister noted that Bharatmala Pariyojana envisages to improve the logistics efficiency and connectivity in the country including connectivity to tribal, aspirational and Left-Wing Extremism (LWE) affected districts.

Earlier on Wednesday (23 July), Gadkari has informed the Rajya Sabha that 20,770 km out of total awarded 26,425 km length of road projects have been completed under the ambitious Bharatmala initiative.

According to the Ministry of Road Transport and Highways, a total of 26,425 km of road projects have been awarded under the scheme, with an estimated capital cost of Rs 8.54 lakh crore.

"Projects in 26,425 km length have been awarded under Bharatmala Pariyojana, out of which 20,770 km have been constructed so far, including 2,967 km constructed during FY 2024-25," Union Road Transport and Highways Minister Nitin Gadkari said in a written reply to a question in the Rajya Sabha on Wednesday (23 July).

The awarded projects include multiple components such as economic corridors, inter-corridor routes, feeder routes, national corridors, expressways, border roads, and port connectivity roads.

Economic corridors account for 8,737 km, while expressways cover 2,422 km, and border roads and international connectivity roads total 1,619 km.

Coastal and port connectivity roads have also been awarded under the project.

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Vadhavan Port Project In Maharashtra Set To Elevate India's Position Within Global Maritime Hubs: Centre

Swarajya,
July 25, 2025

The upcoming Vadhavan Port in Maharashtra, strategically located on the India-Middle East-Europe Economic Corridor (IMEC), is set to significantly enhance India's maritime infrastructure.

Union Minister of Ports, Shipping and Waterways, Sarbananda Sonowal, in a written reply to the Lok Sabha, said that once operational, the deep-draft port is expected to expand the country's container handling capacity by 23.2 million TEUs, strengthening India's presence among global maritime trade hubs.

"The Vadhavan Port, a deep-draft port located on the India-Middle East-Europe Economic Corridor (IMEC), is projected to enhance India's container handling capacity by 23.2 million TEUs. This new Port development is set to elevate India's position within global maritime hubs," Sonowal said.

Alongside its infrastructural ambitions, the project emphasises inclusive development through key partnerships and skill-building initiatives.

The minister informed that a Memorandum of Understanding (MoU) has been signed between Vadhavan Port Project Ltd (VPPL) and Yashwantrao Chavan Maharashtra Open University (YCMOU) to facilitate educational collaboration.

In another agreement, the Jawaharlal Nehru Port Authority (JNPA) and the Directorate General of Shipping (DG Shipping) will provide vocational training for local youth and those affected by the port project.

This training will be conducted through recognised Maritime Training Institutes (MTIs).

Also Read: India's Third Longest Rail Tunnel To Connect Vizhinjam Port To National Railway Network; Tender Expected In August: Report

VPPL has also partnered with Sahyadri Farms to promote rural entrepreneurship and strengthen the agricultural value chain. In collaboration with NGOs, ongoing training is being provided for heavy vehicle driving and mechanical skills.

To improve accessibility, VPPL has launched a WhatsApp Chatbot to streamline information and registration for the skilling programs aimed at youth in the Vadhavan area.

The development efforts are expected to benefit tribal, rural, and coastal communities in Palghar district and across Maharashtra.

Initiatives include the Dharti Aaba Janjatiya Gram Utkarsh Abhiyan, Forest Rights & Livelihood Empowerment programs, the TREE (Tribal Rights Expansion & Empowerment) initiative, MGNREGA projects, the Zila Parishad's Thakkar Bappa Tribal Settlement Programme, and Impact India's Community Health Initiative.

These integrated efforts aim to ensure that the VadHAVAN Port not only serves as a major maritime asset but also benefits socio-economic growth in the region.

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Long-Term Rectification Measures Completed On 5,324 'Black Spots' On National Highways: Gadkari

Business Standard,
July 25, 2025

Union Road Transport and Highways Minister Nitin Gadkari informed the Lok Sabha that over 13,000 black spots have been identified on India's National Highways (NHs).

Black spots are specific points which are prone to repeated and deadly road accidents, and the government is working on their rectification through a combination of short-term and long-term measures.

The minister said that the government has taken steps for short-term and long-term rectification measures on such black spots.

Short-term rectification measures on such black spots include road markings, signages, crash barriers, road studs, delineators, closure of unauthorised median openings, traffic calming measures, etc.

Long term rectification works include improvement of road geometric, junction improvements, spot widening of carriageway, construction of underpasses or overpasses, etc, which involve pre-construction activities such as land acquisition, forest clearance and utility shifting.

"Rectification of black spots is a continuous process and temporary measures are taken on immediate basis. Out of total 13,795 blackspots identified on National Highways (NHs) in the country, short-term rectification has been completed on 11,866 black spots," the minister said in a written reply to a question in the Lok Sabha.

"Long-term rectification measures, as recommended by road safety audit reports, are implemented only at locations deemed necessary. Accordingly, long-term measures have been completed at 5,324 black spots, while 3,719 black spots have been assessed as not requiring such long-term intervention," the minister added.

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India's First Fully Indigenous 50 Kw Geothermal Power Plant To be Developed In Arunachal Pradesh

PTI,
July 24, 2025



India's first fully indigenous 50-kW geothermal power plant in Tawang district. (Pic Via X)

India's first fully indigenous 50-kilowatt (kW) geothermal power plant will soon come up in Arunachal Pradesh, marking a major leap in the country's clean energy ambitions, reported Hindustan Times.

The Centre for Earth Sciences and Himalayan Studies (CESHS) and the Shriram Institute for Industrial Research (SIIR) signed a memorandum of understanding in this regard.

Plant to Serve 5,000 People in Tawang

CESHS geoscience chief Rupankar Rajkhowa confirmed that the project site has been identified in Tawang district.

"We have already identified three places—Mago, Thingbu and Damteng—and the research and structural mapping has been done," Rajkhowa was quoted as saying by HT.

The plant is expected to benefit over 5,000 people and will operate at a record low temperature of just 68 degree celsius.

Rajkhowa said the Rs 10 crore project, funded by the Ministry of New and Renewable Energy, is targeted for completion within three years.

Trials Completed

A CESHS team led by director Tana Tage recently visited a 20-kW demonstration site at SIIR.

Bhupesh Sharma, project manager at SIIR, said, multiple trials were conducted using a 5-kW lab-scale model to better understand challenges of indigenous bipolar process technology, especially at a lower temperature of 68 degree celsius.

CM Applauds Innovation from the Himalayas

"Joining the Hands that Believe in Building Sustainably # Platform for Sustainable Infra"

Chief Minister Pema Khandu stated, “Arunachal Pradesh & CESHS take a visionary step by signing an MoU to develop India’s first fully indigenous 50-kW geothermal power plant... leading India’s clean energy revolution from the Himalayas!”

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