

**GOVERNMENT OF INDIA  
MINISTRY OF RURAL DEVELOPMENT  
DEPARTMENT OF RURAL DEVELOPMENT**

**LOK SABHA  
UNSTARRED QUESTION NO. 1479  
ANSWERED ON 09/12/2025**

**RURAL CONNECTIVITY IN MAHARASHTRA**

**1479. Shri Balya Mama Suresh GopinathMhatre:**

**Will the Minister of RURAL DEVELOPMENT be pleased to state:**

- (a) the details of the projects recently approved under Pradhan Mantri Gram SadakYojana-II (PMGSY-II) to improve rural connectivity, State-wise including the State of Maharashtra;**
- (b) the manner in which these projects are expected to improve access to education, health services and markets in remote areas;**
- (c) whether these projects are being implemented for the environment sector so as to ensure sustainable development;**
- (d) if so, the details thereof, State-wise;**
- (e) whether improved connectivity under PMGSY-II is likely to boost trade, commerce and inter-state movement; and**
- (f) if so, the details thereof?**

**ANSWER**

**MINISTER OF STATE IN THE MINISTRY OF RURAL DEVELOPMENT  
(SHRI KAMLESH PASWAN)**

**(a) & (b): Pradhan Mantri Gram SadakYojana- II (PMGSY-II) was launched in May, 2013 and envisages consolidation of the existing 50,000 km of Rural Road Network to improve its overall efficiency as a provider of transportation services for people, goods and services. It aims to cover upgradation of existing selected rural roads based on their economic potential and their role in facilitating the growth of rural market centers and rural hubs. A total of 49,795 Km road length has been sanctioned to various States and 2619 km length has been sanctioned to the State of Maharashtra under PMGSY-II. The details of the roads sanctioned, State-wise including the State of Maharashtra under various interventions of PMGSY may be accessed at the program website**

**PMGSY roads have improved access to education and health care facilities, facilitated employment generation in both farm and non-farm sectors, helped farmers in getting better farm prices and so on. There are impact evaluation studies done by the World Bank, IIM Ahmedabad, BITS-Pilani, ILO and NITI Aayog explaining the socio-economic outcome improvements due to PMGSY Roads.**

**(c) & (d): The PMGSY promotes the adoption of eco-sensitive and sustainable construction practices across the country. Roads under PMGSY are constructed using locally available materials and environmentally friendly technologies to minimize ecological impact and ensure long-term sustainability. The programme encourages the use of green and non-conventional technologies such as Cold Mix Bitumen, Waste Plastic, Cell-filled Concrete, and Panelled Cement Concrete. These technologies help reduce dependence on energy-intensive materials, lower greenhouse gas emissions, and minimize environmental degradation. The details are placed in the Annexure.**

**(e) & (f): The improved rural road network had a significant impact on access to essential services. It enabled faster access to healthcare facilities, improve school accessibility, and reduce dropout rates, while also strengthening rural economies by facilitating easier transport of goods to markets. Furthermore, the enhanced connectivity fostered economic growth, trade, and employment. By linking remote areas to Gramin Agricultural Markets (GrAMs), Higher Secondary Schools and Hospitals and such other public establishments, it boosted trade, generated employment opportunities through construction and maintenance jobs, and supported tourism. This has given thrust to Girl Child education, Women in workforce and wholistic lifestyle changes in remotest corner of the villages. These developments align with the Government's vision of creating a prosperous and developed India, contributing to the broader goal of "Viksit Bharat."**

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Annexure referred to in reply to parts (c) & (d) of Lok Sabha Unstarred Question No. 1479 for answer on 9.12.2025

Under New/Green Sustainable Technology Initiatives 1,67,102 km of road works have been sanctioned, and 1,28,604 km has been completed so far.

Technology	Length Sanctioned In km	Length completed km	Majorly used
Waste Plastic	56905	45472	Andaman & Nicobar, Andhra Pradesh, Arunachal Pradesh, Assam, Bihar, Chhattisgarh, Goa, Gujarat, Haryana, Jammu & Kashmir, Jharkhand, Karnataka, Kerala, Ladakh, Madhya Pradesh, Maharashtra, Manipur, Odisha, Puducherry, Punjab, Rajasthan, Uttar Pradesh, Uttarakhand, West Bengal
Cold Mix	30399	25590	Andhra Pradesh, Arunachal Pradesh, Assam, Bihar, Chhattisgarh, Himachal Pradesh, Jammu & Kashmir, Jharkhand, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Manipur, Tamil Nadu, Uttarakhand, West Bengal
FDR	10209	5200	Arunachal Pradesh, Assam, Bihar, Himachal Pradesh, Jharkhand, Kerala, Maharashtra, Meghalaya, Mizoram, Nagaland, Odisha, Punjab, Tripura, Uttar Pradesh
Panelled CC/White topping	8487	6008	Chhattisgarh, Rajasthan, Andaman & Nicobar, Andhra Pradesh, Assam, Bihar, Himachal Pradesh, Jharkhand, Madhya Pradesh, Odisha, Rajasthan, Telangana, Uttar Pradesh, West Bengal
Cell filled concrete/ Cell filled concrete with ICBP	3784	3326	Assam, Bihar, Chhattisgarh, Jharkhand, Telangana, Odisha, Meghalaya, Rajasthan, Tamil Nadu, West Bengal
Coir/Jute/Geotextile/	1865	1606	Karnataka, Kerala, Madhya Pradesh, Maharashtra, Tamil Nadu, West Bengal
Iron/Steel/Copper Slag/Processed Steel Slag/Gravel with slag	1340	969	Jharkhand, Odisha, Tamil Nadu, West Bengal
Surface dressing/MSD	11466	8290	Assam, Bihar, Uttar Pradesh, Odisha, Tamil Nadu, Jharkhand
Cement Stabilization/CCS/Others	42647	32143	Andhra Pradesh, Arunachal Pradesh, Assam, Bihar, Chhattisgarh, Jharkhand, Madhya Pradesh, Karnataka, Telangana, West Bengal
<b>Total</b>	<b>1,67,102</b>	<b>1,28,604</b>	

The table below gives the details of New/Green Technology currently under usage:

Major Technology Used	Length completed (In km)	
Full Depth Reclamation (FDR) technology	5200	<ul style="list-style-type: none"> <li>143.65 lakh tonners of aggregate saved.</li> <li>21.80 lakh number of Laden Trucks loaded with aggregate have been reduced.</li> </ul>
Cell filled concrete	3326	
Paneled Cement Concrete/White Topping	6008	
Jute, Coir, Geotextiles	1606	<ul style="list-style-type: none"> <li>Local economy and use of green technology</li> </ul>
Waste Plastic	45472	<ul style="list-style-type: none"> <li>19916 tones of waste plastic has been used in rural roads contrition under PMGSY and thereby 29875 tons of CO<sub>2</sub> emission is saved</li> </ul>
Cold Mix Technology	25590	<ul style="list-style-type: none"> <li>Arrests CO<sub>2</sub> and Pollutant release in to local site</li> </ul>

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