



# Railways's Longest Grade Separator Bridge

## Why in News?

Indian **Railways** has achieved a significant milestone with the completion of the country's **longest elevated grade separator bridge at Katni Junction, Madhya Pradesh**, as part of a landmark project in the **Jabalpur division of the West Central Railway**.

## Key Points

- The project, which **began in 2020** and is slated for completion by 2025, will **feature Rail Over Rail (ROR) bridges** with spans of up to 91.40 metres, allowing trains to bypass the entire city, easing traffic, and enhancing operational efficiency.
- The new elevated 15.85 km bridge is a major part of the ongoing infrastructure modernization under the **Prime Minister's Gati Shakti initiative**.

## PM Gati Shakti National Master Plan

- **About:** A digital platform (**launched in October 2021**) **integrating efforts of 16 ministries** for seamless infrastructure planning and execution.
- **Objective:** A transformative Rs. **100 lakh crore** initiative aimed at revolutionizing India's infrastructure over the **next five years**.
  - Developed by **BISAG-N (Bhaskaracharya National Institute for Space Applications and Geoinformatics)**.
  - Seeks to accelerate project completion, reduce timelines, and enhance India's global competitiveness by breaking down inter-ministerial obstacles.
- **6 Pillars of PM GatiShakti:**
  - **Comprehensiveness:** Integrates initiatives across ministries through a centralised portal.
  - **Prioritisation:** Ministries prioritize projects effectively based on national needs.
  - **Optimisation:** Identifies gaps, selects efficient routes, reduces costs, and minimises delays.
  - **Synchronisation:** Coordination across ministries to avoid delays.
  - **Analytical Capabilities:** GIS-based platform with 200+ data layers for better decision-making.
  - **Dynamic Monitoring:** Real-time project monitoring using satellite imagery to track progress.