



Approval for Zirakpur Bypass

Why in News?

The [Cabinet Committee on Economic Affairs](#) approved the construction of a six-lane **Zirakpur bypass** at a capital cost of Rs 1,878.31 crore.

- The project **aims to ease congestion in cities like Zirakpur and Panchkula** by redirecting traffic bound for Himachal Pradesh.

Key Points

- **Route and Specifications:**
 - The six-lane Zirakpur bypass will **start from the Zirakpur-Patiala junction on NH-7** and end at the **Zirakpur-Parwanoo junction on NH-5**.
 - The bypass will cover a **total length of 19.2 km**, passing through Punjab and Haryana.
 - The project will be developed using the [Hybrid Annuity Mode \(HAM\)](#) as part of the **National Highway (Original) [NH(O)] programme**.
- **Strategic Importance under PM GatiShakti:**
 - The Ministry of Road Transport and Highways described the project as a key step in building integrated transport infrastructure.
 - It aligns with the objectives of **the PM GatiShakti National Master Plan**, which seeks to synchronise infrastructure planning and boost multi-modal connectivity.

PM GatiShakti National Master Plan

- The PM Gati Shakti National Master Plan, launched in October 2021 is a transformative Rs. 100 lakh crore initiative aimed at **revolutionising India's infrastructure** over the next five years.
- It has been developed as a **Digital Master Planning tool by BISAG-N (Bhaskaracharya National Institute for Space Applications and Geoinformatics)**.
 - It has been prepared in a **dynamic Geographic Information System (GIS) platform** wherein data on specific action plans of all the Ministries/Departments have been incorporated within a comprehensive database.
- The plan seeks to **accelerate project completion**, reduce timelines, and enhance India's global competitiveness by breaking down inter-ministerial obstacles.
- The vision of PM GatiShakti is to **create a world-class infrastructure** that improves the **ease of living**, boosts economic growth and makes Indian businesses more competitive.

SIX PRINCIPLES OF PM GATISHAKTI



Hybrid Annuity Model (HAM)

- It is a mix of EPC and BOT-Annuity models. As per the design, the **government will contribute 40% of the project cost in the first five years** through annual payments (annuity).
- The remaining payment will be made on the basis of the assets created and the performance of the developer.

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