



# Construction Work of Rajasthan's Longest High level Bridge Begins

## Why In News?

On December 5, 2023, PWD Executive Engineer Mukesh Meena informed that the construction work of Rajasthan's longest high level bridge on Chambal river near Balaji Ketuda village of Jharer on Sawai Madhopur-Etawah road has started.

## Key Points

- PWD Executive Engineer Mukesh Meena said that this high level bridge will be completed in about 2 years at a cost of Rs 165 crore. Its length will be 1880 metres.
- With its construction, people of Rajasthan and Madhya Pradesh will also get transportation facilities. Apart from this, Sawai Madhopur will be directly connected to Khatoli, Etawah and Baran districts.
- At present the Gainta Makhida bridge built on Chambal river is the longest bridge in the state. Its length is about 1562 meters. This was also built in the Etawah area in the past. This bridge will connect Kota district as well as Sawai Madhopur of Bharatpur division.
- In the budget announcement last year, the state government had released Rs 30 lakh for the construction of DPR of Balaji Bridge in Jharer. After that, the Public Works Department had prepared its DPR worth Rs 165 crore and sent it to Jaipur. Chief Minister Gehlot had announced the construction of this bridge in the budget announcement.
- Mukesh Meena said that this will be a prestressed concrete garden bridge. It will have four girders. The 12 meter wide bridge will have a carriageway of seven and a half meters. A 280 meter approach road will also be built from the bridge towards Sawai Madhopur. In this way, a 486 meter approach road will be built towards Kota. Two small minor bridges will also be built in it.
- 48 pillars will be erected in the construction of the bridge. There will also be two abutments on both sides, which will be built at the beginning of the bridge towards Sawai Madhopur and Kota. On these 48 pillars, 40 meter long spaces will be kept between each pillar. In this, five pillars will be built on top of the rock along with a bell foundation. Apart from this, 36 ankle foundations will be made, which are built on soil and rocks. These include two abutments.

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