



Eastern Railway

CONSTRUCTION ORGANISATION

Recent Good Works Done

Construction of Jubilee Bridge

Construction of new Jubilee Bridge in replacement of existing distressed bridge is in progress. This bridge will be a landmark railway bridge having following features:

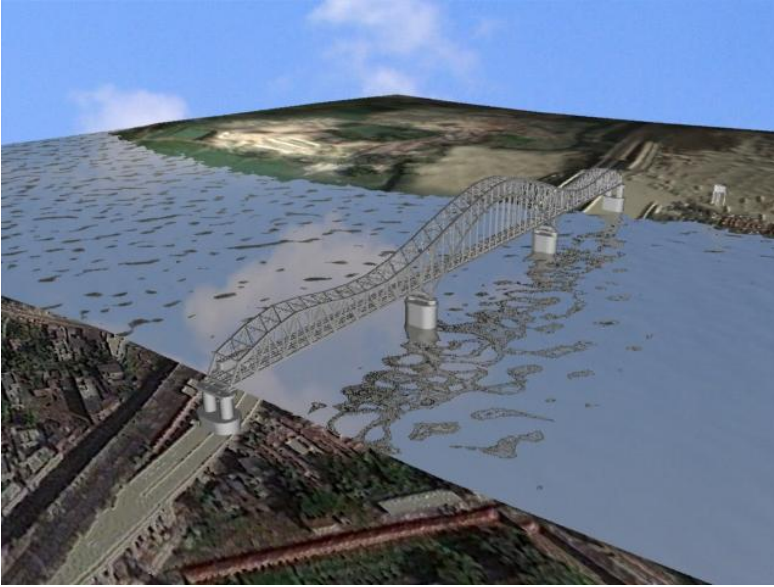
- **Continuous steel bow-string (Open web)**
(Span-132.65 m + 150.0 m + 132.65 m) (Structural Steel- 600 MT)
- **Bearing: Spherical Bearings**
- **Foundation : Double D Well Foundation (max 55m deep)**
- **Sub-structure: Twin circular piers (5.0 m dia)**
- **Wind tunnel analysis of the bridge will be done by IIT/ Kanpur for checking safety at sever wind.**
- **Current status: Shore spans completed. Enabling arrangement is in progress for launching central span.**

NEW JUBILEE BRIDGE THROUGH PICTURES



Erection in new Jubilee Bridge in Progress in foreground. Old Bridge in background.

NEW JUBILEE BRIDGE THROUGH PICTURES



Schematic view of New Bridge



Bandel end span erected



Bandel end being erected

NEW BRIDGE NO. 18 (BARAKAR) COMMISSIONED

After major yard remodelling of Barakar yard in 22 days Pre-NI/NI work, new Barakar Bridge (UP) (Bridge No.18 UP having 15 Span of 10 x 30.5m OWG + 5 x 45.07m OWG) has been commissioned on 22.07.2014. The new bridge has replaced existing bridge with early steel girder. The commissioning of the new bridge also involved 2.599 km long diversion.



Newly commissioned Barakar Bridge (22.07.14)



View from running lines

New Goods Shed commissioned at Barachak

➤ Goods shed at Barachak commissioned on 09.06.2014 at the cost of Rs. 13.69 crore.

Now the rake handling at Asansol particularly polluting consignments (like clinkers, coal, manganese, Iron ore etc.) can now be handled without any restriction at Barachak. This will help the local industries in getting unrestricted supply of raw materials which they were not able to unload at Asansol

