

Vidyasagar Setu



Vidyasagar Setu : Salient Features			
	Main cable stayed bridge		
	Length	:	823 m. (457 m + 2 x 183 m)
	Overall Width	:	35 m.
	Approach Ramps & Interchange		
	System	:	Viaduct + multiple R. C. box + Earthen embankment
	Length	:	Calcutta side = 8.0 Km. Howrah side = 8.7 Km 16.7 Km.
	Opening to traffic	:	10 th October, 1992
	Foundationstrong>	:	2 Anchor wells at ends. 2 hollow cellular wells below Pylons
	Pier	:	2 Anchor Piers (hollow box) - P1 & P4 2 RCC Cellular under Pylons - P2 & P3
	Pylon / Tower	:	4 nos. – hollow box steel structures with inside ladder and lift. (to be installed)
	Deck	:	Composite structure with steel frame work & R.C. deck.
	Cables	:	4 x 38 nos.
	Bearings	:	Elastomeric Pad, Pot, PTFE – stainless steel sliding.
	Expansion Joints	:	1 no. Germany make to accommodate expansion / contraction upto 440 mm at Howrah side.

			1 no. Exomet at Kolkata side.
	Consultants	:	<p>1. Prime Consultant :- M/s Schlaich, Bergermann & Partner, Stuttgart, Germany.</p> <p>2. M/s Freeman, Fox & Partner, London, U.K.</p>