

March 09, 2017

PM Inaugurates India's Longest Extra-Dosed Cable Stayed Bridge Built by L&T



The Prime Minister of India, Mr. Narendra Modi, inaugurated the 1.34 km long four-lane extra-dosed cable stayed bridge, built by L&T over river Narmada in Bharuch, Gujarat on March 07, 2017. The event was also attended by the Union Minister of Road Transport, Highways and Shipping, Mr. Nitin Gadkari, and the Chief Minister of Gujarat, Mr. Vijay Rupani, and other dignitaries.

The dignitaries commended NHAI and L&T for successfully completing the bridge in record time. It will now provide respite from traffic snarls to commuters on NH-8 that connects India's commercial capital of India, to the National capital.



The project was constructed under engineering, procurement and construction mode by the NHAI with six lane approaches (6.7 km) on the Ahmedabad-Mumbai section of NH-8. This is the largest extra-dosed span (144 m) in India and the first extra-dosed bridge in Gujarat. It consists of 216 cables, which range from 25 to 40 m in length. The bridge has a state-of-the-art highway traffic management system, variable message sign boards, RFID and smart-card swapping-enabled infrastructure at the toll plaza and theme lighting on the main bridge.

An extra-dosed bridge employs a structure which combines the main elements of both a pre-stressed box girder bridge and a cable-stayed bridge.