

Geotechnical Investigation for Cable stayed bridge across River Yamuna at Naini, Allahabad

Project Overview

The New Yamuna Bridge is the longest cable-stayed bridge of India, located in Allahabad. The bridge was constructed by the end of 2004 with the aim of minimizing the traffic over the Old Naini Bridge. The bridge runs North-South across the Yamuna river connecting the city of Allahabad to its neighbourhood of Naini. The construction was consulted by COWI A/S, a Danish consulting company.



Figures and Facts

Location: Allahabad/Naini, India

Owner: Ministry of Surface Transport

Contractor: HCC / Hyundai JV

Total Bridge Length: 370 m

Width of superstructure: 26 m

Main spans: 185 m – 260 m – 185 m

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Drilling work in progress at Cable stayed Bridge at Naini, Allahabad

Scope of Services

- Drilling of boreholes in soil / rock up to a maximum depth of 66 m
- Under water drilling using floating platform
- Conducting standard penetration test
- Collection of disturbed and undisturbed samples
- Laboratory testing on Soil & Rock Samples
- Recommendation for foundation design