

BANGLADESH

TANGAIL INFRASTRUCTURE DEVELOPMENT PROJECT

HATUBHANGA BRIDGE

Location	Tangail District, Mirzapur Thana
Client	Local Government Engineering Department (LGED), Dhaka
Financing	German Financial Cooperation / KfW
Period	1998 - 2001
Value of Services	0.280 million US\$



Project Description

Construction of the 225 m long Hatubhanga Bridge crossing the Banshi River with a daily capacity of approximately 270 vehicles and 5,000 pedestrians, as well as of 1.2 km all-weather access roads. The bridge is part of the 27 km long regional road (FRA) from Gorai to Shakhipur.

The new bridge was designed with eleven spans of 20.5m each in reinforced concrete. The width of the carriageway of the bridge is 2 x 3.35m = 6.70m (two lanes) plus pedestrian walkways of 0.85m width on either side. Due to poor sub-soil conditions, the bridge is founded on cast-in-situ piles of 0.60 to 0.80m dia. With individual lengths of up to 20 m.

The Project included river training and flood protection measures at the bridge abutments as well as river bank protection upstream of the bridge.

Scope of Services

Advisory services to LGED and Roads and Highway Department (RHD) in project planning and implementation in connection with:

- Final design, cost estimates
- International tendering
- Award of contracts
- Contract negotiations
- Supervision of all related civil works
- Controlling and work acceptance
- Commissioning