



KhrungThep (Ramah III) Bridge, Bangkok

Contract Period
1990-1991, 1997-1999

Completion
1999

Construction cost
NOK 400 mill

Services rendered

- Project management
- Detailed design of bridges
- Dynamic and static analyses

Client

Norconsult Int. for Thailand Public
Roads Department

The Khrung Thep Bridge (Ramah III Bridge) is one of the major links across the Chao Phraya River in Bangkok. The project contains a major free cantilever bridge with main span 226m and total length 1864m with 6 lanes. The project include viaducts and ramps and crossings on each side of the river.

The concrete deck is 23m width, implying three continous webs in the bridge girder. Main foundations consist of 25 bored piles Ø1.5m and 56m long.

Chief bridge engineer has been Stein Fergestad, Aas-Jakobsen

