

THE THIRD FREINDSHIP BRIDGE

Thailand

Work / Activity 1
Prestressing / Tendons
Work / Activity 2
Construction methods / Deck
construction



Companie(s): ITALIAN-THAI DEVELOPMENT PUBLIC COMPANY LIMITED

Owner: DEPARTMENT OF HIGHWAYS

Engineering consultant: EPSILON CO.,LTD

Subsidiary(ies): Freyssinet Thailand - Menard

Beginning of works: 10/2009 End of works: 02/2011



Description of the work:

The Third Thai-Lao Freindship bridge over the Mekong river connect Nakhon Phanom Province in Thailand with Thakhek, Khammouane in Laos. This main river crossing, is a 780m structure built insitu balance cantilever has five spans, 120 - 180*3 - 120m. The superstructure was single cell internal prestressed concrete with variable depth.

Freyssinet mission:

Freyssinet (Thailand), were awarded for supply, installstion&stressing of longitudinal tendons. Other specialist services include design of formwork traveller and provide advice for launching.