



**Companie(s) :** SIRIPHON WATTANA (1979)  
**Owner :** DEPARTMENT OF HIGHWAYS

**Subsidiary(ies) :** Freyssinet Thailand - Menard

**Beginning of works :** 12/2005  
**End of works :** 01/2006



### Description of the work :

This Phatumthani Bridge is an extension build alongside of the existing bridge due to traffic congested in Phatumthani province. The bridge is link between opposite land of Chaophya river. The main bridge superstructure is box-girder of cast in-place balance cantilever bridge. The structure was well-constructed by Siriphon Wattana (1979). Unfortunately, due to rise of water level and sand delivery barge after unload. The barge crash with the bridge made its miss alignment in transverse direction.

### Freyssinet mission :

Freyssinet (Thailand) was contract by the main contractor to completely solve this accidental problem. The engineering team of Freyssinet (Thailand) purposes our specialist method of heavy lifting and provides fully service from design till final operation. The existing temporary support frame has been stabilizing to prevent overturning and place the temporary support. The main feature is to lift the bridge on temporary sliding support for rotate the bridge to the proper position.