



BTS EXTENSION SILOM LINE

Thailand

Work / Activity 1
Prestressing / Tendons



Description of the work :

The structure extends along the western segment of the Taksin-Phetkasem project, and ends at Sathorn bridge on Thonburi side. This 6.1 km long viaduct includes 171 spans. The superstructure is a 9 m wide prestressed cast-in-situ single cell boxgirder built using the span by span construction method. Typical bridge modules are 154 m long. The viaduct is constructed with two launching trusses using Movable Scaffolding System (MSS system) which supports the girder formwork.

Freyssinet mission :

Freyssinet Thailand supplies and installs more than 800 t of tendons, 1 836 no 15C15 anchors and 1 096 no 15CC15 couplers, and completes the tendon stressing and grouting.

Owner : Bangkok Metropolitan Authority

Subsidiary(ies) : Thaïlande

Beginning of works : 06/2001

End of works : 06/2003

