

Temburong CC4

CLIENT: China State Construction & Ocean Quarry JV

LOCATION: Brunei

YEAR OF COMPLETION: 2019

The Cadangan Projek Jambatan Temburong Project also known as the Brunei Temburong Bridge (BTB) entails construction of a new road and bridge link between Brunei-Muara district and Temburong district in Brunei Darussalam. The approximately 30km long BTB will connect Jalan Utama Mentiri in Brunei Muara with Jalan Labu in Temburong, crossing Brunei Bay and the Temburong Forest. It will be a dual two-lane highway.

Contract CC4 is approximately 11.8km of highway in Temburong District, primarily on piled slabs viaducts as well as a river-crossing bridge and connection to Jalan Labu.

The viaducts consisted of multiple 14m spans constructed almost entirely using precast elements, from the precast piles to the precast deck beams.

We were appointed by the China State – Ocean Quarry JV to carry out the Independent Cat 3 Design Checks for the temporary works and erection engineering of the viaducts and river crossing on the project.

KEY FACTS:

- Independent Check of the temporary works and erection engineering
- Multi-span precast concrete viaduct
- Insitu box girder river crossing

