

Liantang / Heung Yuen Wai Highway Contract 6

CLIENT: CRBC-CEC-KADEN Joint Venture

LOCATION: Hong Kong

YEAR OF COMPLETION: 2019

The Contract CV/2013/08 Liantang / Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure Works – Contract 6 covers 4.6km long dual two-lane connection road which includes 3.3km of viaducts, 0.7km of tunnel and 0.6km of at-grade roads. It connects the Sha Tau Kok Road with the new Boundary Control Point.

We are appointed to carry out the independent checking for the contractor's alternative design of permanent works which include prestressed precast segmental viaducts, tunnel portal site formation, retaining walls, foundation of tunnel ventilation buildings and various other civil structures.

We are also responsible for checking the temporary works design and method statements related to the bridge construction which features the use of balanced cantilever method by lifting frames and cranes.

KEY FACTS:

- Independent design checking
- Precast segmental bridge
- Erection engineering

