

Bintulu-Jepak Bridge

CLIENT: Opus

LOCATION: Sarawak, Malaysia

YEAR OF COMPLETION: 2024

The Bintulu-Jepak Bridge, with a total length of 3.6km will be a crucial connection on the Sarawak Coastal Road, linking Bintulu with the airport. The bridge supports a new highway crossing Sungai Sarawak towards the north of Bintulu centre, near the mouth of the river. It will link up with the existing highway network on either side of the river, including the upgrading of Jalan Matang / Kpg Paroh. As part of the crossing there will be a three-span cable-stayed bridge at the river location, with approach viaducts extending over 400m on the west side and 368m on the east

The 609m crossing has a main span of 330m with stay cables supporting the insitu concrete beam+slab deck. The main pylons and tie-down piers of the back span are all supported off large diameter bored piles

We were appointed by Opus to carry out an Independent Category 3 Design Check of the cable-stayed bridge crossing.

KEY FACTS:

- Independent Cat 3 Design check
- 330m span stay cable bridge
- Concrete beam+slab deck
- Bored piled foundations

