

KNP Site Formation Works

CLIENT: Build King

LOCATION: Hong Kong

YEAR OF COMPLETION: Ongoing

This project comprises site formation of about 19 hectares of land at Kong Nga Po, upgrading of existing Kong Nga Po Road of about 1.7 kilometres long to a 7.3 metres wide single two-lane carriageway and construction of a new vehicular bridge of about 100 metres long. Other associated infrastructure works include road works, waterworks, drainage and sewerage works, geotechnical works, landscaping works, environmental mitigation measures, and other ancillary works.

Hewson Consulting were appointed as the main contractor's designer to provide a wide variety of temporary cut and fill slopes related to the major site formation works. These temporary slopes include both soil slopes and rock slopes.

We have also provided various temporary works design including strutted ELS and tie-back ELS to facilitate the deep excavation and the construction of L-shape RC retaining wall structures.

KEY FACTS:

- Site formation construction
- Slope stability analysis
- Soil and rock slopes

