



KEY PROJECTS

CONTRACT CR116 – ANG MO KIO INTERCHANGE STATION AND TUNNELS

Date won/completed: 2023 – ongoing

Client: Bachy Soletanche – Gammon Joint Venture

Developer: Land Transport Authority (LTA) - Singapore

Role: Design & Value Engineering Consultant

PROJECT BACKGROUND

CR116 Ang Mo Kio Interchange station is located at the busy road junction at the one of most populated heartland – residential area of Singapore. The underground station is also located beneath the existing elevated North-South Line track and station. The project includes 4 TBM drives and a stretch of 50m long mined tunnel using pipe-roofing method.

Strader was appointed as the design consultant to carry out designs and authority submissions for enabling works, including utility diversions, impact assessment construction logistics and enabling works for 4 tunnel drives. The scope of work also includes assessing the existing AMK Station structure to ensure suitability of the proposed method of structural alteration and excavation underneath.

THE OUTCOMES FOR THE CLIENT

Timely delivery of buildable, space-saving and economical design.

Review existing design scheme and propose alternative value-engineering scheme.