



KEY PROJECTS

CONTRACT DE182 – ENHANCEMENT OF LOYANG AVENUE, TELOK PAKU ROAD, NICOLL DRIVE AND CHANGI COAST ROAD

Duration: 2024

Client: Samwoh

Developer: Land Transport Authority (LTA) - Singapore

Role: QPD (Civil / Bridge), QPD(Geo), QECP, DfSP, Arborist

PROJECT BACKGROUND

The project spanned approximately 5.5 km along Singapore's east coast. It began at Loyang Avenue, continued through Telok Paku Road and Nicoll Drive, and ended at Changi Coast Road (just before the start of Aviation Park Road).

The project also requires upgrading of the Telok Paku Bridge and building a new extension of CA04 bridge, adopting PSPC beams.

Various type of earth retaining structures has been conceptualized and proposed to manage ground level variations.

For instances of deeper excavations or greater earth retaining requirements, options such as contiguous bored piles (CBP), soldier piles, sheet piling, and L-shaped walls would be adopted.

OUR SCOPE

Strader Consult has been appointed by Samwoh to deliver the full-suite consultancy package, comprising of Civil, Structure, Geotechnical, Traffic Engineering, QECP, DfSP and Arborist works.

Hydraulic engineering is also required for the upgrading of existing Selarang canal into twin-cell. The project also has an expansive amount of drainage upgrading which will be coordinated with a new system of Utility Service Duct

THE OUTCOMES FOR THE CLIENT

Prompt completion for tender drawing/report with value engineering proposal in tender design

Successful tender with construction contract awarded to client in 09/2024.

Project duration: 6 years