



KEY PROJECTS

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

Duration: 2024 - 2029

Client: Samwoh Corporations

Developer: Land Transport
Authority (LTA) - Singapore

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

PROJECT BACKGROUND

The project spanned approximately 5.5 km from Loyang Avenue, Telok Paku Road, Nicoll Drive, to Changi Coast Road, include road widen the existing 4-lane traffic into 6 / 8 lanes in anticipation of increased traffic serving Changi T5 areas

The project includes the upgrading of the Telok Paku Bridge overcrossing Changi Creek and a new extension of CA04 bridge. Along the alignment, various infrastructures such as Cycling Paths, Bus Stops, Roadside drains, various Retaining Walls, ERSS and ground improvements. The project also includes a tidal gate and new construction of Twin cell and Single – cell box culverts. To enable to road enhancement works, several traffic diversion stages are required to complete the project within stipulated timeline.

OUR SCOPE

Strader Consult is the lead consultant delivering 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

Successful Tender and Prompt completion for Prelim design.

Value engineering to shorten duration required for ground stabilization / consolidation and utility ducts.