

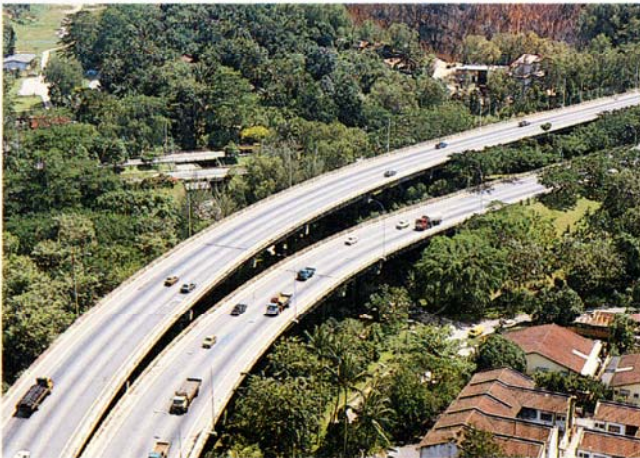


ULU PANDAN BRIDGE

The bridge over the Sungei Ulu Pandan and Malayan Railway was designed for the Public Works Department in the Phase II Development for the Commonwealth Avenue Extension at Clementi.

The cast-in-situ "V" shaped piers support the precast prestressed concrete double cantilever beams which in turn carry the 34m precast prestressed concrete beams. The central span between the piers is 56.5m.

Approx. Cost : S\$4M
Built : 1978
Client : Public Works Department



JALAN ANAK BUKIT/UPPER BUKIT TIMAH FLYOVER

The flyover which forms a part of Pan Island Expressway was designed for Public Works Department.

The flyover is 1620m long and spans across roads and a railway track at grade level. The spans are generally 30m and cast-in-situ. The span across the road and railway crossings are precast, the maximum span being 37m. The highest piers are about 16m high.

Approx. Cost : S\$15M
Built : 1980
Client : Public Works Department