

PROJECT :-

REALIGNMENT OF KUALA KUBU BARU – GAP ROAD, SELANGOR

LOCATION :-

Kuala Kubu Baru,
Selangor Darul Ehsan

CLIENT :-

Syarikat Pengeluar Air
Sungai Selangor Sdn Bhd

PROJECT COST :-

RM 75 Million

COMPLETION DATE :-

October 2001

Job Description :-

The Project comprises design & construction of the road alignment to replace the stretch of Federal Route 55 which to be inundated by impounding of Sungai Selangor Dam.

The Details Works include :-

- 7.8 km of dual two lane flexible pavement carriageway
- 5 x 40 meter span bridge over Sungai Selangor which is a twin deck bridge founded on micropiles
The bridge deck is 11m wide and make up of precast prestressed post-tensioned T-Girder with in-situ reinforce concrete for deck slabs
- Earthworks including cut and fill, granular fill and rockfill
- Soil nailing and hydroseeding
- Reinforced concrete box culverts and precast concrete pipe culverts
- Drainage works inclusive of embankment toe drain, road side drain, cascade drain, interceptor drain and subsoil drain
- Road furniture including roadmarking, guardrail and traffic signs

SERVICES PROVIDED :-

- Planning & Conceptual Design
- Preparation of Tender Documents
- Preparation of Contract Documents
- Construction Supervision and Contract Administration



Construction of A Road in Very Hilly Terrain



Overall View of 200 meter length Bridge over Sungai Selangor