

PROJECT :-

STORMWATER MANAGEMENT AND ROAD TUNNEL PROJECT (SMART)

LOCATION :-

Kuala Lumpur

CLIENT :-

MMCEG-Gamuda JV

PROJECT IMPLEMENTATION AGENCY :-

Jabatan Pengairan dan Saliran Malaysia

PROJECT COST :-

RM 1.933 Billion

COMPLETION DATE :-

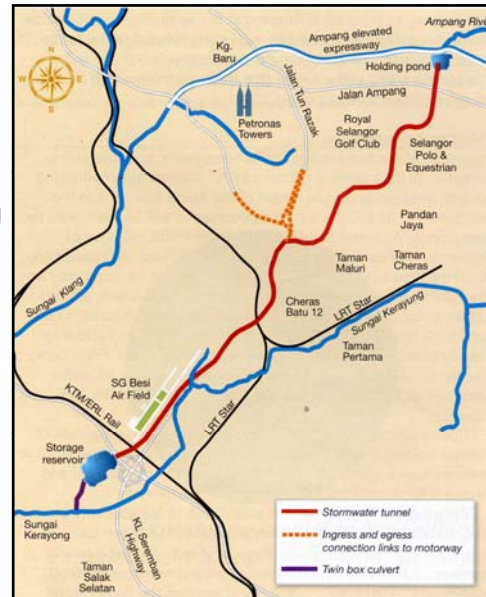
2006

Job Description :-

The Project is a Flood Mitigation Scheme to provide flood relief to the Kuala Lumpur City Centre utilising a flood bypass tunnel system as well as a traffic dispersal scheme to ease traffic congestion at the southern main gateway to KL City near the Sg. Besi Airfield.

The Detailed Works include :-

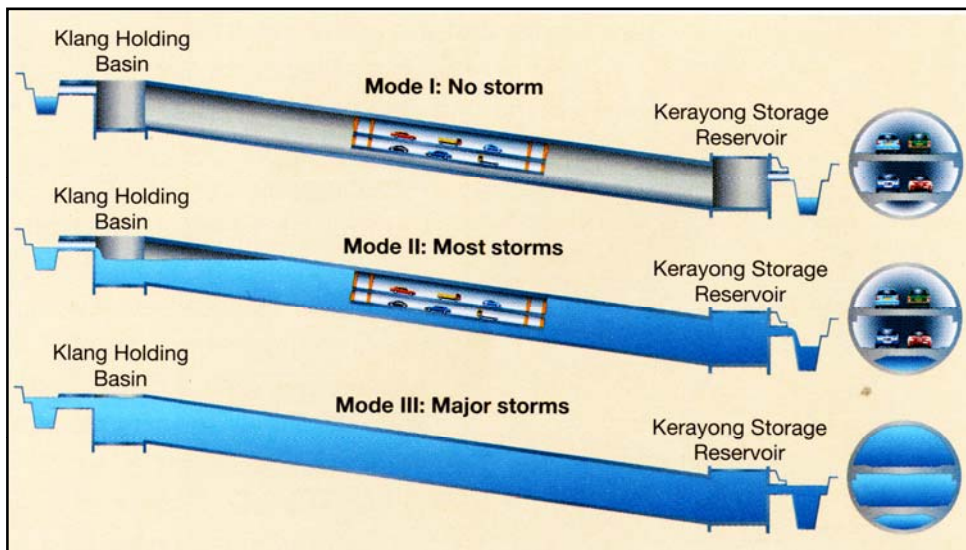
- An upstream Holding Pond & downstream Storage Reservoir
- A stormwater Bypass Tunnel of approximately 9.7 km by 11.8m internal diameter cum motorway tunnel of about 3.0 km
- A Twin box Release Culvert to release flood discharge into Sg Kerayong
- Ingress/Egress connection to link the motorway tunnel to the Kuala Lumpur – Seremban Highway near Sg Besi Airfield & Jalan Tun Ismail / Jalan Tun Razak
- An Operation Control Centre
- Channelisation of Sg Klang and Sg Kerayong
- Associated Control Structures
- Sg Klang Diversion Weir & Offtake structure
- Tunnel Intake & Offtake Structures
- Sg Kerayong Intakes & Offtake Structures
- Gates, Stoplogs & Debris Control



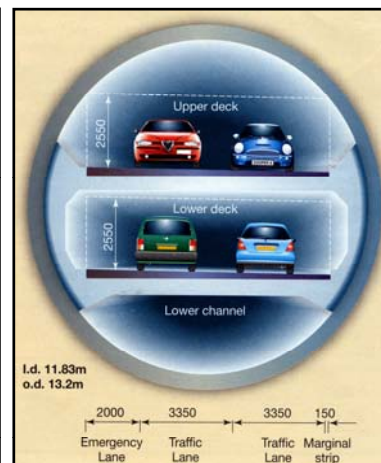
Location Plan

SERVICES PROVIDED :-

- Geotechnical Investigation & Survey
- Hydrology & Hydraulic Studies
- Detailed Design, Contract Documentation & Construction Supervision



3 Modes of Operation to Manage Stormwater in City



Tunnel Cross Section of the Four-Lane Double-Deck Highway