

PROJECT :-**SEGAMAT TOWN DRAINAGE MASTERPLAN****LOCATION :-**

Segamat District in Johor

CLIENT :-

Jabatan Pengairan dan Saliran, Johor

PROJECT COST :-

RM 101 Million

COMPLETION DATE :-

1999

Job Description :-

The Study Area comprises of 2335 ha that constitutes the old and new townships of Segamat. The land is drained by the Sg. Segamat and the Sg. Chodan catchment. The new town, located to the left of the Sg. Segamat comprises low grounds frequently inundated when the Sg. Segamat or the Sg. Chodan is in flood mode. The old town located to the right of Sg. Segamat was developed over an extended number of years without the benefit of an overall drainage plan. Parts of this area are subjected to flash flood whenever rainfall is intense.

The Detailed Works include :-

- Improvement to Sg. Segamat and Sg. Chodan including construction of levees at selected stretches
- Proposals for a properly constituted drainage network of main and secondary drains for land to be developed in the future
- Upgrading program for existing drains and structures causing obstruction to passage of flood flows
- Landscaping river corridors and drainage reserve to serve as parklands

SERVICES PROVIDED :-

- Geotechnical Investigation & Survey
- Hydrology (RORB modeling for flood flow analysis)
- Hydraulics (MIKE 11 for flood profiles)
- Preliminary design of river improvement works, drains and associated structures
- Landscaping river corridors and drainage reserves

**Segamat Town Drainage Masterplan**