

HOPE ISLAND CANAL

The Hope Island Canal is a unique project that involves the construction of approximately 3 kilometres of 74 metre wide tidal flood mitigation canal through both privately owned and Council controlled lands. The canal will extend eastwards from Santa Barbara Road across the central flood prone section of Hope Island entering into the deep waters of Coombabah Creek north of Boykambil Village.

To alleviate the flooding problems the Hope Island Canal Association Inc. was formed by the private landowners to facilitate agreement with Council for the joint construction of the canal.

Approval was obtained by Council under the City of Brisbane (Flood Mitigation Works Approval) Act 1952 to construct the canal in accordance with the Hope Island Development Control Plan.

LOCATION:

Hope Island, Gold Coast

CLIENT:

Hope Island Canal Association Incorporated (HICA)

SERVICES:

Preliminary Planning, Changes to Ground Level, Design Documentation and Contract Administration.

PLANNING ISSUES:

BradLees was involved in the ongoing review of proposed Council infrastructure services including canal road crossings, sewer reticulation and water supply as prepared by Council and other Consultants.



CHANGES TO GROUND LEVEL

BradLees was engaged by HICA to prepare and obtain the necessary approvals to a Proposed Change to Ground Level application for the canal.

Subsequently BradLees was engaged by Gold Coast City Council to prepare relevant documentation on behalf of Council for canal entry into Coombabah Creek. This involved obtaining from the EPA approval of Environmentally Relevant Activities (ERA) 19(c) - Dredging and 20(c) - Extracting Rock and Other Material.

DESIGN AND DOCUMENTATION

BradLees was heavily involved in the coordination of specialist Consultants to ensure all EPA approvals were met and that the Consultants recommendations were incorporated in the final civil designs including:

- Environmental management issues.
- Hydraulic and flooding.
- Geotechnical and water quality.
- Dredging and acid sulphate soil treatment
- Stormwater management
- Council infrastructure requirements
- Compliance with relevant State and Federal acts.