

CIVIL

WATER

STRUCTURAL

INFRASTRUCTURE

PROJECT DELIVERY

URBAN DEVELOPMENT



# INFRASTRUCTURE





**Yeats Consulting** provides **Planning, Engineering** and **Management** services with a commitment to balanced sustainable development.

Yeats can offer comprehensive and practicable solution that represents cost-effective approach to infrastructure development. Some of the reasons for choosing us include:

- ▶ **Proven track record in providing solutions** – Yeats personnel have been providing appropriate civil engineering solutions on major events and infrastructure projects for over 15 years;
- ▶ **Staff experience** - Yeats staff have a wealth of experience in addressing various issues in property development and infrastructure; including feasibility studies; due diligence works; planning; design; construction supervision; contract administration and project management;
- ▶ **Ability to undertake all facets of the work** - our procedures and systems facilitate the coordination and control of all phases of project development from identification to handover, for small and large developments;
- ▶ **Effective communication and responsiveness** – we are responsive to the client's requirements and all staff are able to communicate effectively by various means;
- ▶ **Accessibility** – we pride our organisation for timely, cost effective and accurate communications with our clients and our clients appreciate direct access to decision makers and the ability to discuss their projects at all times; and
- ▶ **Authority liaison, co-ordination and negotiation** – through years of experience in communicating with all levels of Government and by a thorough understanding of local, state and federal systems, processes, standards and statutory regulation, Yeats have developed positive relationships with many authorities.

**Yeats has worked with and for the following authorities to achieve successful outcomes:**

- Department of Main Roads:
  - Metropolitan
  - Nerang
  - Gympie
  - Rockhampton
  - Mackay
  - Cairns
- Queensland Rail
- Queensland Transport:
  - Translink
- Department of Natural Resources
- Environmental Protection Agency
- Gold Coast City Council:
  - Gold Coast Water
- Logan City Council:
  - Logan Water
- Redland City Council:
  - Redland Water
- Ipswich City Council:
  - Ipswich Water
- Brisbane City Council:
  - Brisbane Water
- Scenic Rim Regional Council
- Gladstone Regional Council
- Mackay Regional Council
- Cairns Regional Council
- Rockhampton Regional Council
- Sunshine Coast Regional Council
- Southern Downs Regional Council
- Armidale Dumaresq Council (NSW)
- Newcastle City Council (NSW)
- Inverell Shire Council (NSW)

Our strength is underpinned by our empathy both in the planning and design of innovative solutions for major infrastructure works, and for the impact on the communities in which infrastructure is being developed; whilst also targeting a balance for the interest of all stakeholders.

The planning, design and construction of infrastructure and other urban development encompasses an extensive range of management, planning, engineering and environmental services which few consultants can fully offer its client as an integrated package. Yeats Consulting Pty Ltd, with its multidisciplinary capability is not only able to provide this but with the addition of value adding engineering through option analysis.

The depth of our experience and capability is available from site identification and feasibility stages right through to construction. Our innovative approach to planning and design concepts has enabled our clients to achieve optimum outcomes considerably in excess of conventional designs without detriment to the environment and the amenity of future users.

Engineering and project management of all types of infrastructure including road systems, sewer and water mains, drainage and network analysis and their associated facilities is a specialty of Yeats Consulting. Our experience includes national highways, arterial roads, subdivision roads and water and sewer mains and pump stations.

Through our analysis and management, appropriate and cost-effective designs are produced to client-specific requirements, including staged development for minimal traffic disruption in urban areas, landscape preservation in particular in areas of environmental significance and tourism interest, reduced risk in flood prone areas, and special performance and stability considerations in geotechnical challenging areas.



# RECENT PROJECTS



## GLADSTONE REGIONAL COUNCIL

### Glenlyon Road Upgrade, Gladstone

Glenlyon Road is a major urban transport link through the Gladstone region, connecting Callemondah in the north to Wurdong Heights in the south. The project entails the concept design and documentation of a divided four lane urban road, between the existing four lane road at Bramston Street, through to the major intersection at Breslin Street/Dawson Highway. The project also required production of construction documentation for the western (2 lane) carriageway of Glenlyon Road between Ferris Street and Breslin Street/Dawson Highway, based on the four lane concept design.

## AVESCO

### Sydney 400 V8 Street Race

Yeats Consulting Engineers has been appointed as the Consulting Engineer for the 2009 Sydney 400 V8 Street Race. Yeats is responsible for the design and certification of the civil and structural engineering works associated with race circuit. The works include roadworks and drainage construction, service relocations, vegetation removal and relocation, temporary (between event) roadworks infrastructure, crash barriers, debris/pedestrian fences and pedestrian bridges and overpasses.



## OTHER INFRASTRUCTURE PROJECTS:

### Helensvale Sewerage System Upgrade, Helensvale

This project required the design and documentation of a new sewer rising main and gravity main between wastewater pump stations N16 and OX19, the replacement/upgrade of pump stations N16 and OX19 and the installation of sufficient wastewater storage to these sites.

### Flagstone Estate Sewer Treatment Plant Upgrade

The project entails the design and documentation of the Flagstone Estate Sewer Treatment Plant Upgrade from 2000 EP to 2948 EP including treated effluent storage lagoons, sludge treatment & disposal system and irrigation system & irrigation area.

### Duplication of Wastewater Pump Station OX3 Rising Main, Oxenford

The project entails the design and documentation of the duplication of an existing 300mm and 375mm sewage rising main for a length of approximately 1.3km between wastewater pump station OX3 and discharge manhole.

### North-South Bypass Tunnels, Reverse Osmosis Rising Main

A Reverse Osmosis Desalination Plant was implemented to provide fresh water for the tunnel boring machines and associated constructed activities of the North-South Bypass Tunnel project. Yeats was commissioned by Leighton Contractors to design & document 2.3km of rising main, from the Reverse Osmosis Plant to the discharge location in the Brisbane River.

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