



# PROJEX PARTNERS

CAPABILITY STATEMENT

Municipal Engineering

**Projex**Partners

PROJECT MANAGEMENT | ENGINEERING | PLANNING

Building community through our people







# WHO WE ARE



Projex Partners provides project management, civil and structural engineering and planning services throughout Australia, with offices on the Sunshine Coast, Brisbane, Gold Coast and Cairns.

Quality assured and client focused services are delivered by our committed team of professional engineers, project managers, technical and administrative personnel.

We seek to build long lasting relationships with our clients and the community through understanding and meeting our client's needs.

We provide services to all levels of government and the private sector across Australia.





# WHAT WE DO

Projex Partners offers consulting engineering services in:

- Urban Development Planning and Design
- Municipal Engineering
- Project Management
- Hydrology and Drainage Planning and Design
- Water Reticulation and Sewer Planning and Design
- Environment
- Coastal Engineering
- Resources
- Town Planning
- Road and Highways Planning and Design
- Traffic and Transportation
- Parks and Sporting Facilities
- Sustainable Transport
- Peer Reviews
- Waste

Projex Partners prides itself in delivering more than you expect with our client focused service excellence. We endeavour to understand our clients' needs and will work closely with you to deliver a solution that strives for an efficient, cost-effective outcome. We operate under a third-party accredited Quality Assurance System that satisfies the requirements of ISO 9001:2015. This certification demonstrates our strong commitment to providing a quality service to our clients.



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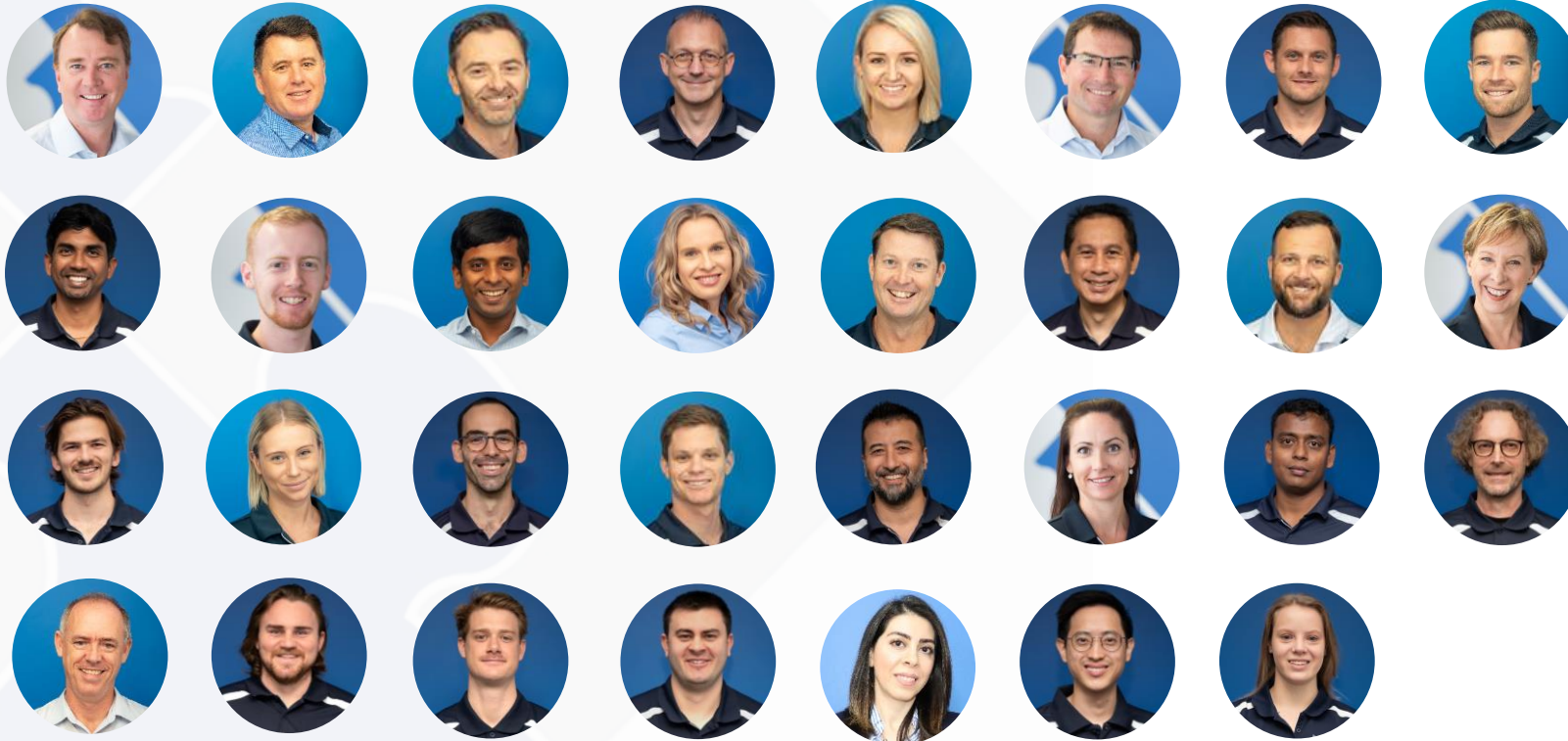




# OUR TEAM

Projex Partners team are a group of passionate and experienced engineers, drafters and project managers. We promote a value added, best for project design approach with a focus on achieving client driven project outcomes.

We differentiate ourselves through building long lasting relationships with our clients to become their trusted advisor for engineering services and solutions.



Maroochydore Central Precinct – Initial Intersection Design



Callaghan Boat Ramp Carpark



Mary Valley Rattler Restoration





Bindaree Terrace Revetment Wall



Victory Park, Woombye



Emerald Court, Mapleton – Surface and Subsurface Drainage Design



# MUNICIPAL ENGINEERING

## PLANNING AND DESIGN

Projex Partners offers consulting engineering services in:

- Roads and Highways Planning and Design
- Hydrology and Hydraulics Planning and Design
- Water and Sewer Planning and Design
- Coastal Engineering
- Active Transport Networks and Infrastructure
- Traffic and Transportation planning and design
- Parks and Sporting Facilities
- Services planning and design
- Telecommunications and electrical coordination

# MUNICIPAL PROJECTS



## Harris Avenue Sports Complex, Narangba

Moreton Bay Regional Council



Projex Partners were engaged to prepare a concept plan, preliminary and detailed designs of 6 tennis courts, clubhouse and carpark. The design included earthworks, pavement and stormwater designs as well as all services associated with the clubhouse. The tennis courts and associated lighting and fencing were also part of the design.

## Proserpine Waterpark

Whitsunday Regional Council



Design of a new waterpark, carpark and landscaping alongside the existing Proserpine swimming pool. The design allows for separated access from the swimming pool, as requested by the client to allow the public and tourists to use the waterpark. All civil engineering works were designed in-house by Projex Partners. Hydraulic engineering and landscaping were designed by subconsultants and coordinated by Projex Partners.



# MUNICIPAL PROJECTS



**Robert Road & Bicentennial Drive, Cairns**

*Cairns Regional Council*

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Intersection upgrade and traffic signal installation at the Robert Road / Bicentennial Drive. The intersection upgrade minimised land resumption requirements and otherwise expensive relocation of existing underground fibre optic communication infrastructure. The project also accommodated public transport (bus stop) and cycle lanes.

**Old Gympie Road, Dakabin**

*Moreton Bay Regional Council*

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Widening of 700m section of the road corridor to a 4-lane median divided carriageway, signalling the intersections at Hughes Road East / Dakabin Waste Facility access and Goodwin Rd / Watson Park.

# MUNICIPAL PROJECTS



## Daunia Road, Moranbah

*Isaac Regional Council*



Detail survey, geotechnical investigation, roadworks and drainage design, provision of construction specification and cost estimation including bill of quantities for a 20.12km section of Daunia Rd / Annandale Road south from the Peak Downs Highway.

The project recognised the road network function within the broader transport network and therefore included a type 2 road train (53.5m in length) design vehicle within vehicle movements.

## Pasha and Eaglefield Road Upgrades, Moranbah

*Isaac Regional Council*



The project recognised the road network function within the broader transport network and therefore included a type 2 road train (53.5m in length) design vehicle within vehicle movements. The design development involved the consideration of; 3 intersections and numerous property access, incorporation and upgrading of cattle grids, road pavement design, foundation widening, channelization upgrades, road geometry, signage improvements, culvert and floodway development and the consideration of existing services and relocation capabilities.



# MUNICIPAL PROJECTS



## Kilkivan Equestrian Centre

*Gympie Regional Council*



Assisting Council with the preparation of a reference design and specifications for the D&C contract associated with a 3200m<sup>2</sup> equestrian centre. Projex Partners also provided contract administration services to Council.

## Bribie Island Recreation Reserve Netball Courts

*Moreton Bay Regional Council*



Engineering services for the reconstruction of three existing lit netball courts, construction of a new clubhouse, construction of compliant pathways, construction of a rebound training wall and a construction of a boundary fence. The project included geotechnical design, services design and lighting design.



# MUNICIPAL PROJECTS



## Samford Road Ferny Hills Cycle and Pedestrian pathway bridge

Moreton Bay Regional Council



Structural design and documentation of the Samford Road Ferny Hills Cycle and Pedestrian pathway bridge. The design required a 100m long suspended pathway for cyclists and pedestrians constructed over an existing embankment. Foundations comprised 2.8m deep reinforced concrete bored piers supporting steel posts under cantilevered steel floor beams which in turn support the boardwalk/deck over.

## Wises Road Gymnastics and Beerwah Sports Carparks

Sunshine Coast Council



This project involved the design and construction cost estimate of an on-road and off-road car parking facility. These designs were in accordance with AS 2890. Both projects included road design, pavement design, drainage considerations and minor earthworks design. 12D modelling of earthworks required for both sites included an open stormwater drain.



# MUNICIPAL PROJECTS



**Dams & Retardation Basins**  
*City of Greater Bendigo*

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Investigation, evaluation and reporting of a Dams and retardation basin level of service review. Council's asset register has over 50 dams and retardation basins, many of which require a high level of inspection. The City engaged Projex Partners to conduct a review of the risk associated with its dams and retardation basins and report whether there was opportunity to reduce inspection intervals and costly comprehensive inspections based on evaluated risk.

**Eversleigh Road, Scarborough Embankment Stabilisation**  
*Moreton Bay Regional Council*

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Projex Partners was engaged by Moreton Bay Regional Council to undertake a site investigation, geotechnical investigation and slope stability assessment of the existing embankment for the removal of a large tree at the eastern end of Eversleigh Road, Scarborough.

Projex Partners worked with Council to solve the slope stability issues and improve the usability of the site through the construction of a retaining wall and landscaping.

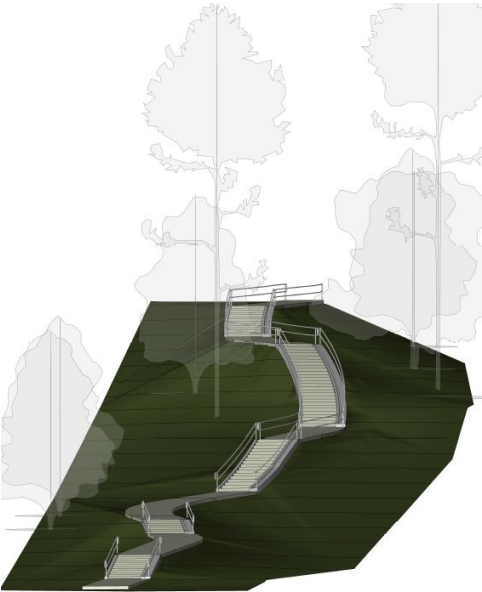
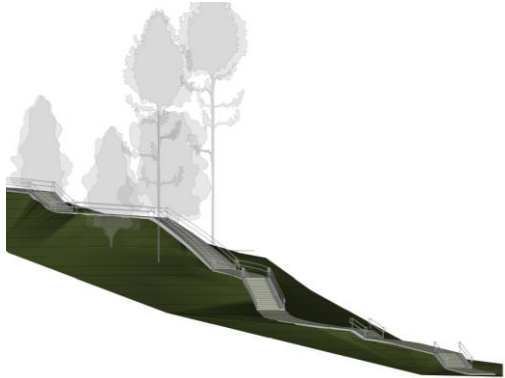


# MUNICIPAL PROJECTS



## Arana Hills - Plucks Road/Minto Crescent - Pathway

*Moreton Bay Regional Council*



Detailed design and documentation for a new 110m suspended walkway, including 5 stair flights due to the steep site topography (20m level difference). The pathway is required to cater for both pedestrians and cyclists through the use of ramped wheel tracks.

## Mango Hill - Halpine Lake - Pathway and Pedestrian Bridge

*Moreton Bay Regional Council*



Design and documentation of approximately 400m of connection pathway between Mango Hill Station and Jasper Place, Mango Hill. The connection included a prefabricated pedestrian/cycle bridge that provides passage across existing drainage culverts adjacent to the Jasper Place pedestrian underpass. The bridge is approx. 17m span by 3m wide, with barriers designed for pedestrian and cyclists in accordance with AS5100.



# MUNICIPAL PROJECTS



## Mooloolaba Foredune Stabilisation Geowall & Sand Replenishment Pipeline

*Moreton Bay Regional Council*



Planning design and approvals for the beach replenishment program infrastructure at Mooloolaba and extension of the sandbag wall at the Mooloolaba Spit toward the Mooloolah.

The project has been developed to provide a sustainable shoreline protection whilst minimising long-term environmental impact. The sandbag system chosen balances the environmental impacts with engineering requirements

## Maroochydore Central Precinct – Initial Intersection Design

*Sunshine Coast Council*



Principal Consultant for the planning and design (including preparation and evaluation of options) for new intersections accessing the planned Maroochydore City Centre Priority Development area (\$30M). Input has included design associated with 2 major urban intersections on Maud Street, Maroochydore including design of roadway lighting and traffic signals and coordination of specialist sub-consultants for traffic modelling.



Mango Hill - Halpine Lake - Pathway and Pedestrian Bridge



Port Stewart Road Landslip Repair



Mary Valley Rattler

# CONTACT DETAILS



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