



Bridge Design Capability Statement

pitt&sherry are active with the design of new road and rail bridges. We provide innovative solutions for our Infrastructure Clients in design only contracts, or for Contractors in design and construct contracts.

General

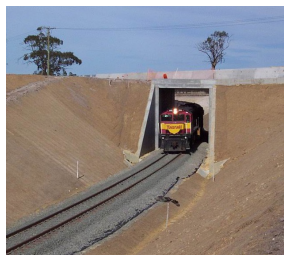
pitt&sherry is active in its design of road and rail structures and provides services to a broad range of clients including:

- State Road Authorities
- Rail infrastructure owners
- Contractors
- Local Government
- Private infrastructure owners

Capability

pitt&sherry has designed a wide variety of structures including:

- Short and long bridges
- Culverts
- Retaining walls
- Sign structure
- Traffic barriers
- Temporary works
- Other road and rail related structures



Services

pitt&sherry's bridge design services cover all phases of a project including:

Investigation & concept design

- Geotechnical & environmental investigation
- Hydraulic analysis & survey
- Concept design
- Visualisation of options
- Cost estimates
- Preparation of design and construct tender documentation

Tender design

- Risk & opportunity assessment
- Tender design drawings and quantities
- Tender design report

Detailed design

- Detailed analysis of structures
- Structural certification in accordance with the statutory requirements
- Drawing specifications for construction
- Durability reports



Detailed verification/proof engineering

- Undertake independent design verification of a detailed design
- Liaison with designer and contractor to review problems and agree preferred solution
- Provision of certificate

Contract administration

- Tender assessment
- Superintendent services
- Temporary works design

