

**DANIEL JOHNSTONE**  
**Manager****Qualifications**

*Bachelor of Engineering (Hons) 1995, JCU*  
*Registered Professional Engineer of Qld, 5892*  
*MIE Aust, CP Eng. NER (Civil)*  
*Graduate Certificate in Engineering (Port and Harbour) 2014, Swinburne*  
*Master of Pavement Technology 2019, CPEE*  
*Northern Territory Reg. No. 58497ES*  
*Department of Defence NV1 Level Security Clearance*  
*Townsville City Council Suitably Qualified Person-065 Erosion & Sediment Control*

**PROFESSIONAL EXPERIENCE****Training**

*Level 1 Bridge Inspection (ARRB Group)*  
*Level 2 Bridge Inspection (ARRB Group)*  
*Piling and Deep Foundations 2010*  
*Bridges Australia 2011*  
*AS5100 Bridge Design 2005*  
*Unsealed Local Roads (ARRB Group)*  
*Pavement Recycling & Insitu Stabilisation (Centre for Pavement Engineering Education Inc)*  
*R110HS202A Enter & work in confined spaces*  
*R110HS204A Work safely at height*

**Inductions**

*Port of Townsville*  
*Department of Defence*

**Skills**

*GFRP Concrete Design*  
*Post Tensioned Concrete Design*  
*Industrial and Mining*  
*Conceptual Design*  
*Structural Engineering*  
*Project Management*  
*Site Supervision*

**Project Types**

*Shopping Centres*  
*Police Headquarters*  
*Aquatic Centre*  
*Retail Showrooms*  
*Educational Facilities*  
*Industrial Developments*  
*Refurbishments*

**LCJ ENGINEERS PTY LTD****Manager 2010 – Present****Principal Engineer 2003 – 2010**

Danny is the Manager of LCJ Engineers, a locally owned and operated business. He has worked in consulting engineering firms in Mackay, Townsville, Brisbane and the United Kingdom and has gained experience in a variety of fields and construction techniques.

Danny has worked on commercial, industrial, medium rise residential apartments and refurbishment projects. He has experience in the design and site supervision of most building materials including reinforced, post tensioned and precast concrete, hot rolled structural steel, cold formed steel, timber, masonry and composite construction.

Danny has been involved with the following relevant projects:

- **Constant Creek Rail Bridge for Mackay Sugar**  
Project involved replacement of approximately 450m of track on grade with a bridge to combat ongoing erosion. The bridge design consisted of prestressed deck girders supported on cast insitu headstocks that in turn were supported by composite steel tubular piles. The bridge was within an estuarine environment and due to existing site constraints would have some headstocks inundated by HAT and significant sections would be inundated under a Q50 water level. The piles were also designed for scour of approximately 9 metres. Project did not proceed due to insufficient funding.
- **Investigation and assessment of various bridges and culverts in the Townsville area**  
LCJ Engineers was engaged by Townsville City Council to complete a thorough visual and destructive investigations on six (6) road bridges. The bridges were then analysed and a load rating was given. Where required, rectification details were documented. The locations included:
  - Elena Street culvert, Nelly Bay;
  - Nome Road culvert, Nome;
  - Benalla Road bridge, Oak Valley;
  - Evans Street, Belgian Gardens;
  - Heatley's Parade, Rowes Bay; and
  - Railway Estate pedestrian bridge.