



Mark Prasser

0404 003 008
markp@gklgroup.com.au

Special Fields of Competence

- Bulk earthworks and pavements
- Traffic control and stage planning
- Asphalt and sealing
- Insitu stabilisation and localised repair on local roads
- Liaising with subcontractors of various disciplines
- Precast and prestress experience

Career Summary

Mark joins GKL Group as a Registered Practicing Civil Engineer with heavy experience in the planning, delivery and documentation of construction projects. Mark possesses expert industry knowledge and experience to deliver or oversee various project types, either on a client team or assisting directly with the contractor.

Mark has worked for both Tier 1 and 2 contractors involving projects up to \$50M for the Department of Transport and Main Roads, construction projects over \$200M, and possesses considerable DTMR and Local Council knowledge and experience. Mark is experienced planning and constructing roads under traffic control and behind barriers in restricted areas.

He has extensive understanding of Quality Management, Environmental Management and OH&S Management Systems and Standards.

Awards

Faculty of Engineering and Surveying Admin Roads Prize

Qualifications & Certificates

Bachelor of Civil Engineering (1st Class Honours) –
University of Southern Queensland

General Safety Induction Construction Industry
Queensland

Environmental Management Training

Quality Assurance Training

6 Day Health and Safety Course

RPEQ 25447

Member of Professional Engineers Australia 920376

Experience Summary

Project: Engineering and Verification Support for the Port of Townsville Limited's Sea Wall Project

Time: Nov 2020 - Current

Role: Engineering and Verification Officer

In his role at GKL Group, Mark is working on the Sea Wall Project for the Port of Townsville Limited. Mark's role is to support the Project Management team with engineering and verification technical support.

- Understanding the requirements of the project and key deliverables
- Reading and understanding various project drawings and specifications
- Interactions with the project team including contractors and client representatives
- Providing engineering and verification technical support to the project team

Project: James Cook University Communications Loop and TIC and TSA Enabling works

Time: May 2020 – Oct 2020

Role: Project Manager

Mark was responsible for two projects at James Cook University. The first was an installation of communications conduits around the perimeter of the university. The second was the enabling works for the future student accommodation and technology buildings. Both involved installation of services around existing infrastructure.

- Reading, understanding and implementing the requirements of the AS4000 and AS4905 contracts
- Understanding the requirements of the project and key client outcomes
- Reading and understanding various project drawings and specifications
- Interactions with various departments of the University and implementing their requirements
- Programming of the project, submitting variations, claims and other contractual documents
- Leading a team of supervisors, engineers and contractors
- Mentoring junior engineers

Project: Deep Creek to Sleeper Log Pavement Widening

Time: April 2019 - May 2020

Role: Project Engineer / CQR

The project involved Safety improvement works on the Bruce Highway near Bluewater, it included pavement widening, intersection improvements, installation of wide centre line treatments and a southbound overtaking lane.

- Creating and compiling all lots for approval and submission to TMR
- Leasing with subcontractors prior to arrival onsite
- Support onsite activities to ensure critical dates are met
- Mentoring junior staff
- Purchasing larger items including conduits, lighpoles

Project: Cardwell Safety Improvements and Centre Line Widening

Time: June 2018 - March 2019

Role: Project Engineer

- Management of project team
- Establishing project milestones and tacking project status
- Creations of detailed work schedules including contract program and 4 week look ahead
- Supervise subcontractor site works to ensure quality requirement are met
- Liase with stakeholders to ensure the project objectives are met

Project: Precast Concrete

Time: April 2016 - May 2018

Role: Production Engineer

- Production planning for larger long term projects and monitoring progress
- Ordering materials both short and long lead times and ensuring stock levels are appropriate
- Liaise with national operations to for assistance with proposed changes or improvements
- Assist with cost estimates for sales and identify any long term issues
- Support continuous improvement initiatives on site, to achieve increased productivity and/or decreased costs of production by problem solving techniques and facilitation of Improvement to plant and teams
- Provide support with day-to- day quality activities
- Investigate new tools and products and determine if they are beneficial to the factory
- Engineering calculations and drafting for the prestress projects

Project: North Shore Subdivision

Value: \$2 Million

Time: July 2015 - March 2016

Role: Project Manager

North Shore is a masterplanned subdivisioinby Stocklandto the north of Townsville. The various projects involved in this development include importing fill for sports grounds, creating drainage swales and 20 house block subdivisions. The project included earthworks, drainage, sewer reticulation, pavements, electrical and communication installation, kerb and channel and asphalt.

- Daily cost tracking of projects
- Organising machine floats and hire of equipment
- Take offs of materials, requesting quotes and ordering materials
- Organise subcontractors and liaise with them once onsite
- Quality assurance for all aspects of the project
- Liaising with Stockland management and design consultants
- Actively involved in site coordination meetings with other principal contractors
- Interaction with Forman to schedule and prioritise works

Project: Melton Black/Macarthur Drive Upgrade

Value: \$8 Million

Time: May 2014 - July 2015

Role: Project Engineer

The Melton Black project involves upgrading the current round-a-bout to a signalised intersection. Melton Black is the major exit for the Townsville Army Barracks and is also in close proximity to Townsville Grammar and the Annandale Shopping complex. The project included drainage works, earthworks, pavements, electrical works, kerb and channel and asphalt.

- Organise subcontractors and liaise with them once onsite
- Ordering materials
- Quality assurance for all aspects of the project
- Design all traffic control plan
- Analyse subcontractor claims
- Developing Claim for submission to Main Roads
- Technical advice to Forman and Leading Hands
- Raising RFI's to confirm site directions and design queries

Project: Townsville City Council National Disaster Relief, Recovery Arrangement Program

Value: \$100 Million

Time: October 2011 – June 2014

Role: Project Engineer

The NDRRA project involves repairs to more than 2,000 roads and will range from minor road repairs to full reconstruction and insitu stabilisation across the Townsville region. The program also includes repair and rectification work to public assets and infrastructure such as pontoons and beaches.

- Daily cost tracking of projects.

- Manage 3 subcontractors with several work crews completing full road reconstruction, dig outs and insitu stabilisation

- Review traffic control plans
- Undertake site inspections including proof rolls, surface inspections and defect inspections
- Analyse subcontractor claims
- Manage design process and liaise with external designers, SMEC
- Undertaking review of designs for local road insitu/reconstruction
- Develop tender packages and assist in determining successful tenderer

Project: Nagambie Bypass

Value: \$109 Million

Time: January 2010 – October 2011

Role: Project Engineer

The Nagambie Bypass involved the design and construction of roadworks and bridgeworks for the 13.5km dual carriageway Nagambie Bypass between Mitchellstown Road and Kirwans Bridge-Longwood Road, Nagambie. My areas of responsibility on the project included the traffic control, earthworks, guard rails, wire rope, sealing and asphalt.

- 6 week rolling program, weekly meetings with Foreman and Superintendent
- Traffic management for all local road upgrades and both carriageway intersections
- Weekly traffic management meetings with VicRoad
- Quality assurance for earthworks, asphalt et
- Productivities cost reporting and forecasting for all earthworks, traffic management and sealing work
- Liaising with asphalt and other contractor
- Liaise with field staff, safety personnel, stakeholders and local residents

Project: Monash Alliance

Value: \$201 Million

Time: Oct. 2007 – Dec. 2009

Role: Site Engineer

One of Victoria's busiest transport corridors, the M1 (previously known as the Monash Freeway) carries approximately 160,000 vehicles per day. The Monash Alliance, comprising VicRoads, Abigroup and SKM, was formed to upgrade the 7.5km section between CityLink (west of Glenferrie Road) and Warrigal Road. This involved working behind temporary barriers to remove the existing shoulders, preparing existing subgrade, pavement works, kerb and channel, concrete barriers, electrical works and deep lift asphalt.

- Organise subcontractors and liaise with them once onsite
- 2 week rolling program, daily and weekly programming meetings with Foreman
- Quality assurance for earthworks, pavements, asphalt, subsoil draining etc

- Order materials
- Productivities cost reporting and forecasting
- Service investigations and proving
- Liaise with field staff, design staff, safety personnel and stakeholders
- DWG representative for office staff, attendance of safety committee meetings

Project: Eastlink – Local Road Intersection Upgrades

Time: March 2007 - September 2007

Role: Quality Assurance Engineer

- Organising quality assurance documents
- Liaison with Superintendent
- Attending site meetings
- Purchasing materials for site

Project: Calder Freeway (Faraday to Harcourt Section)

Time: March 2007 – September 2007

Role: Quality Assurance/Environmental/Site Engineer

- Implementing and maintaining quality assurance systems
- Creating subcontractor tender packages and analysing tenders
- Arranging quotes and purchase orders
- Assisting Foreman and leading hands interpret drawings and specifications
- Pricing variations and corresponding with VicRoads

Project: International Terminal Temporary Car Park

Time: April 2006 – March 2007

Role: Construction Engineer

- Liaise with subcontractors to gain quotes, issue purchase orders and time works
- Pricing variations both before works and after completion
- Assisting the project manager to complete monthly claims, subcontractor progress claims, responses to clients and forecasting

Project: Port Central Roads and Services

Role: Construction Engineer

- Completing the quality, environmental and safety management plans prior to project commencement

- Determine the quality assurance testing requirements from the contract specifications
- Compare actual costs to budget
- Place orders for materials and subcontractors

Project: Terminal 1-3 Wharf Overflow Area

Role: Construction Engineer

- Determine the quality assurance testing requirements from the contract specifications
- Conducting inspections prior to Superintendent approval
- Calculate productivities and report to project manager
- Complete site safety audits
- Assist management with extension of time claims

Wagners Composite Fibre Technologies

Time: November 2005 – January 2006

Role: Graduate Engineer

- Conducting quality assurance tests
- Running quality assurance investigations on power pole cross arms
- Analysing test results and production worksheets
- Conducting research and development projects
- Reading and interpreting plans