



Steve O'Rourke

Director

B.E. M.B.A. FIE Aust CPEng NER RPEQ (6126)

ACADEMIC & PROFESSIONAL QUALIFICATIONS

- Bachelor of Civil Engineering, University of NSW, 1980
- Local Government Engineers Certificate, 1984
- Post Graduate Diploma in Management, Deakin University, 1991
- Masters of Business Administration, Deakin University, 1995
- Graduate Certificate in Human Resource Development (Value Management), University of Canberra, 1996
- Graduate Certificate in Risk Management, Qld University of Technology, 2006
- Senior Road Safety Auditor

ACCREDITATIONS

- Registered Professional Engineer Queensland (RPEQ 6126)
- OGC Gateway Review Team Member
- Accredited as a Gateway Reviewer for Transport for NSW, Projects Queensland, Victoria Department of Treasury and Finance and Western Australia Department of Finance
- Exemplar Global Accredited Lead Auditor OHS Management Systems
- Exemplar Global Accredited Lead Auditor Quality Management Systems

MEMBERSHIPS

- Fellow of Institution of Engineers Australia
- Member of the Risk Management Institution of Australasia
- Member of the Institute of Value Management Australia

PROFESSIONAL EXPERTISE

- Risk Management
- Engineering and Project Management
- Business Continuity Management
- Road Safety Auditing
- Construction Management
- Financial Management
- Human Resource Management
- Environmental Management
- Contract Supervision and Administration
- Estimating, Budgeting and Scheduling
- Quality Management and Auditing
- Value Management (Practitioner)
- WHS Auditing
- Major Project Review

PROFESSIONAL CAREER

2006 – present	Director, QRMC Risk Management
1995 – present	Director, Constructive Solutions
1992 – 1997	Senior Project Manager, Roads & Traffic Authority, Tamworth, NSW
1990 – 1992	Operations Engineer, Roads and Traffic Authority, Tamworth, NSW
1985 – 1990	Works Engineer Roads and Traffic Authority, Dubbo, NSW
1983 – 1985	Assistant Works Engineer, Department of Main Roads, Tamworth, NSW
1980 – 1983	Assistant Works Engineer, Department of Main Roads, Newcastle, NSW

PROFESSIONAL EXPERIENCE

Director, QRMC Risk Management

- Development and implementation of Enterprise Risk Management Systems for major private and public sector organisations
- Undertaking of annual/periodic reviews of risk management systems and providing reports on their effectiveness
- Gateway Reviews of major infrastructure projects (Team Leader and Team Member)
- Organisational wide risk assessments
- Provision of strategic risk advice
- Risk assessments of major infrastructure projects
- Risk assessments of individual projects
- Business Continuity Management training and the development of Business Continuity Plans
- Provision of corporate governance advice
- Organisational performance gap analysis
- Health and safety audits against WHS legislation, National Self Insurer OHS Audit Tool, and AS/NZS4801:2001
- Integrated Management Systems audits, comprising Work Health and Safety, Quality and Environmental Management Systems
- Enforceable Undertaking safety management system audits
- Member of Risk and Audit Committees for local government and not for profit organisations
- Development and implementation of integrated management systems (comprising Work Health and Safety, Quality and Environmental)

Director, Constructive Solutions

- Project Management of a wide variety of works including airports, roads, railways bridges, waste management facilities and flood management studies
- Design and investigation of road and bridge projects
- Preparation of Concept Designs, Reports and Project Development Plans
- Mentoring and coaching in project management
- Undertaking organisational reviews and performance audits
- Environmental Management Representative on major projects
- Road Safety Auditing
- Preparation of contracts, consultant's briefs and other contract documentation

- Community Consultation
- Leading Quality and Safety audits of major infrastructure projects
- Feasibility Studies
- Environmental Assessment including the preparation of REFs and EMPs
- Local Government relief work
- Plans of Management for Local Government (Parks, Water Supply, Showground Cemeteries etc.)
- Contract Management and Superintendence of road, bridge and rail works
- Value Management Facilitation
- Risk Management Studies
- Development of Quality Systems, Safety and Environmental Management Systems.

Senior Project Manager, Roads and Traffic Authority, Tamworth, NSW

- Manager of 45 Staff including professional Engineers, Scientists and Surveyors and Road Design staff
- Personally responsible for the investigation, design, development and execution of road and bridge construction projects within a significant annual capital budget
- Administration of major road and bridge contract works with the delegated powers of the Superintendent
- Responsible for the introduction and implementation of Quality Management in contract works.

Operations Engineer, Roads and Traffic Authority, Tamworth, NSW

- Manager of 25 Staff including professional Engineers and Scientists. Directly responsible for the preparation, control and monitoring of a large works budget, the investigation, design, development and construction of road and bridge projects and the administration of all contract works with the delegated powers of the Superintendent. Responsible for the allocation of maintenance funding and the determination of maintenance performance requirements
- Field user representative for the development of a computer Expert system (PROFISY) which provided a uniform, rational basis for prioritising capital works projects
- Responsible for the Asset Management of a 2000km road network. Implementation and use of computerised Pavement Management Systems.

Works Engineer, Roads and Traffic Authority, Dubbo, NSW

- Responsible for the construction and maintenance of roads and the maintenance of bridges over an area 25% of NSW. Managed a workforce of 200 employees. Implemented reforms to work methods and techniques that substantially improved productivity. Broad experience gained in pavement design and construction (concrete and flexible) and in project management.

Assistant Works Engineer, Department of Main Roads, Tamworth, NSW

- Responsible for rural and urban road construction and maintenance
- Superintendent's Representative on two major contracts. Contractor's Representative on the construction of a major highway deviation. Personally prepared four tender bids for major works.

Assistant Works Engineer, Department of Main Roads, Newcastle, NSW

- Responsible for rural and urban road construction and maintenance
- Superintendent's Representative on two contracts. Contractor's Representative on one major contract
- Experience in large-scale earthworks and associated freeway type works.