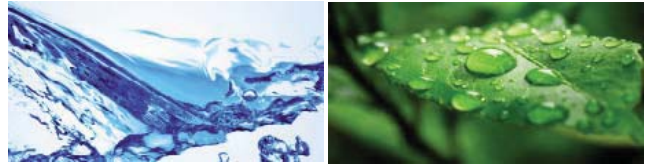


Curriculum vitae



Tim Brooker

Associate - Transport Planning

Tim has approximately 20 years' professional experience in project management, technical assessments and economic appraisals for road and public transport projects.

His experience includes planning and environmental assessment reports for major road and rail projects, route options and feasibility studies and strategic transport network modelling for roads and public transport systems.

He has also undertaken detailed traffic engineering, car parking studies and road safety investigations for local government clients, the preparation of construction traffic management plans, pavement engineering and other road design work.

Tim also has experience acting as an expert witness in court proceedings in the Land and Environment Court in NSW and the VCAT tribunal in Victoria.

Fields of Competence

- Transport Planning
- Traffic Engineering
- Project Management
- Economic Assessments
- Road Safety Investigations
- Pavement Engineering and Road Design
- Environmental Assessments for Transport Projects

Education and professional qualifications

- Bachelor of Engineering Science, University of Exeter, UK, 1981.
- Doctor of Philosophy (Civil Engineering), Plymouth Polytechnic, UK, 1986.

- Institution of Engineers, Australia, MIE (Aust), CPEng

Publications

Published papers on

- road pavement engineering , the design of composite asphalt and lean concrete pavements,
- the implications of road surface texture for skid resistance and road safety,
- a comparison of the current levels of Australian State Government investment in capital works for roads and public transport infrastructure,
- the future potential for Transit Oriented Developments to occur around various railway stations in the Sydney Metropolitan Region and
- the potential future need for extensions to the Sydney Heavy Rail network and also the Inner Sydney Light Rail network .

Career

August 2011 - present: EMGA | Mitchell McLennan Pty Ltd, Associate – Transport Planning.

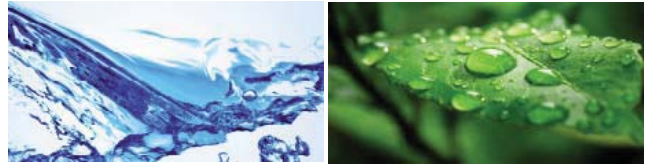
Planning and environmental services providing transport planning and environmental advice to government and industry clients. Projects include: major project applications in NSW; planning and policy advice to a wide range of mining and extractive industry and urban development clients in urban and rural areas.

May 2006 - August 2011: Senior Transport Planner, Arup, Sydney.

Undertook Transport Planning and Traffic Engineering Assessments for a wide range of projects, including new

Curriculum vitae

Tim Brooker



Associate - Transport Planning

urban development precincts of the Sydney NW Growth Centre, Cruise Ship Terminals and other marine facilities, future Town Centre Traffic and Car Parking Strategies, numerous new residential urban renewal and redevelopment projects, design and community consultation for new traffic calming works, and loading dock design reviews for major commercial buildings

December 2001 - April 2006, Transport Planner, KBR (formerly Kinhill),

Transport Planning and Traffic Engineering Reviews and The preparation of Traffic Management Plans for a wide range of projects including construction worksites for the Epping to Chatswood Rail Link Traffic, a Sydney Intermodal Freight Strategy for DIPNR. an Intermodal Freight Terminal for Dubbo, the extension to Swanson Dock, Port of Melbourne, a proposed Abu Dhabi Grand Prix Formula 1 Motor Racing Circuit ,the proposed West Dapto Urban development area south of Wollongong, Future Public Transport Options Studies for Randwick LGA, Canberra and the SW Growth Centre of Sydney, Freight and tourist traffic Infrastructure Review for northern region councils, Adelaide, Parliamentary Zone Car Parking Review, Canberra, Cockatoo Island land bases access review, and a Pedestrian Movement Plan for the proposed Olympic Sailing Base, Qingdao, China

1992 - November 2001, Traffic Engineer - Transport Planner, ERM Mitchell McCotter Pty Ltd

Project Management, Traffic Engineering and Transport Planning Assessments and Economic Assessments for many important planning studies, including Sydney Metropolitan Region Planning studies, and environmental assessments for major projects including transport infrastructure, airports, mines, industrial facilities and forestry operations.

1991 - 1992 , Road Pavement Engineer, CMPS Pty Ltd.

Road Pavement Engineer responsible for pavement design work on civil engineering projects, for Statewide Roads Pty Ltd and for a range of external clients. Planning, supervision and operation of Automated Road

Pavement Condition Surveys with the Laser Road Surface Tester Vehicle. Checking and interactive processing of road survey data into a range of formats for State Road Authority and Local Government clients. Demonstrations of the vehicle operations to prospective clients.

1989 - 1990, Transport Planner, GHD Pty Ltd

Traffic and Transportation Engineer responsible for traffic and economic analysis for a wide range of projects including, a Transport Planning Review for Badgery's Creek Airport, Sydney Southern CBD Traffic Modelling with NODELAY Program, Taree Traffic Relief Route EIS, Woodford Bends Widening EIS, Great Western Highway, City of Blue Mountains, EIS for Parramatta River Ferry Services

1988 - 1989, Traffic Engineer, Lyle Marshall and Associates Pty Ltd

Roads and Traffic Engineer working on a wide range of projects including, Traffic Impact Assessments, Local Area Traffic Management Studies, Road designs for subdivision roads and accessways, North Sydney CBD traffic and parking study, Opera House Car Park feasibility study, pavement damage assessment for extractive industry, Maroota, Foundation design for new residential flats, Croydon, Drainage Investigations for new housing in Randwick and Bankstown Municipalities.

1982 - 1987 Plymouth Polytechnic Department of Civil Engineering, UK

Research assistant and later research associate responsible for two projects investigating fatigue and cracking of lean concrete roadbases and asphalt surfacings. Work included pavement materials testing, supervision of student coursework in surveying, geotechnics and materials, design and operation of fatigue test equipment, development of new pavement maintenance techniques, surveying roads for cracking and interpretation of pavement structural test data.