

Rebekah Ramm



Associate Roads and Traffic Engineer Capability Leader - Traffic Engineering Hobart Tasmania



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Qualifications & professional affiliations

- Master of Transport and Traffic, Monash University
- Chartered Professional Engineer (Civil Engineering, Leadership and Management)
- Registered Professional Engineer Queensland (RPEQ Civil)
- Accredited VicRoads Senior Road Safety Auditor
- Master of Business Administration, University of Tasmania
- Bachelor of Engineering with Honours (Civil), University of Tasmania
- Member, Engineers Australia
- Member, Australian Institute of Transport Planning and Management

Rebekah has over twelve years' experience primarily in the area of transport engineering and planning. Combined with roads engineering experience she has been involved in a diverse range of projects throughout Australia.

As a highly capable project manager, Rebekah guides project teams to deliver projects with high attention to detail and a technical focus.

Rebekah has been involved in leading transport engineering teams for several large transport planning and assessment projects including most recently the CopperString 2.0 Transmission Line Development, West Tamar Highway Corridor Strategy and the North West Transmission Development project (the Tasmanian landside infrastructure for the Marinus Link).

Rebekah has extensive experience in preparing Traffic Impact Assessments for a range of projects including large and small residential developments as well as mixed use and commercial developments.

Rebekah has also been involved in preparing Traffic Management Plans for permanent use as well as for construction and public events.

Rebekah has a key interest in road safety and has prepared numerous Road Safety Audits and completed road safety studies. She is also part of the project team completing compliance assessments of worksite traffic management throughout Tasmania.

Rebekah is highly capable in undertaking traffic modelling using SIDRA Intersection modelling software. She has used the software for a variety of projects including Traffic Impact Assessments and traffic studies to estimate the impact to the operation of key intersections

Focus

- Transport Planning
- Traffic Impact Assessments
- Road Safety Audits
- Traffic Management Plans (Construction and Events)
- Traffic Expert Witness
- SIDRA Intersection Traffic Modelling
- Traffic/ Parking Studies
- GIS Assessment of Crash Data; and
- Active Travel and Public Transport Assessments.

Relevant Experience

Transport Planning/ Traffic Studies

West Tamar Highway Corridor Strategy, TAS (2022-2023) (Department of State Growth) – Traffic Engineering Lead

- Determined existing deficiencies on the West Tamar Highway with respect to safety, efficiency, amenity and sustainability and ranked these with respect to the level of deficiency; and
- Developed improvement opportunities to address the deficiencies and determined an order of priority.

North West Transmission Development Traffic Risk Assessment, TAS (2020-2023) (Coffey/ Tetra Tech and TasNetworks) – Traffic Engineering Lead

- Identified the safety, condition and operation risks of the construction of the North West Transmission Development project (the Tasmanian landside infrastructure for the Marinus Link) on the local road network in north-west Tasmania; and
- Developed mitigation measures to address these risks and assessed the residual risks post-implementation

South-East Traffic Solution, TAS (2019-2021) (Department of State Growth) – Traffic Engineer

- Completed SIDRA traffic modelling for the now installed Midway Point traffic signals to inform the design of the intersection
- Completed a traffic assessment at the two Tasman Highway causeways (either side of Midway Point) to determine the timeframes for duplication; and
- Completed SIDRA traffic modelling for the now installed intersections at either end of the Sorell Bypass to inform the design.

Traffic Impact Assessments

CopperString 2.0, QLD (2023) (CPB/UGL Joint Venture) – Traffic Engineering Lead

- Identified the safety, condition and operation impacts of the construction of the 1100km CopperString 2.0 transmission line between Townville and Mount Isa; and
- Developed mitigation measures to minimise the impact and assessed the residual risks post-implementation.

Devonport Living City, TAS (2015-2019) (Devonport City Council) – Traffic Engineer

- Completed Traffic Impact Assessments for the Civic, Retail and Waterfront Precincts; and
- Determined suitable crossing treatments across Formby Road.

Kingston Park Development, TAS (2018-2023) (Traders in Purple) – Project Manager and Traffic Engineer

- Completed Traffic Impact Assessments for the following developments within the Kingston Park Precinct:
 - Kings Quarter Residential Subdivision
 - Kings Quarter Apartment Building; and
 - Commercial Precinct.

University of Tasmania - Various Developments, TAS (2016-2023) (University of Tasmania) – Traffic Engineer

- Completed Traffic Impact Assessments for the following developments for the University of Tasmania:
 - Inveresk Campus
 - K&D site; and
 - Launceston Health and Nursing Campus.

Road Safety Audits/ Assessments

Compliance assessments of worksite traffic management, TAS (2021-ongoing) (Department of State Growth) – Traffic Engineer

- Compliance assessments of worksite traffic management in accordance with Austroads Guides for Department of State Growth worksites to ensure consistent and high quality worksite traffic management state-wide.

Midland Highway Upgrade, TAS (2016-2023) (Various) – Road Safety Auditor

- Completed Road Safety Audits for during construction and pre-opening stages for various worksites for the Midland Highway upgrade project.

Lyll Highway - Queenstown to Strahan, TAS (2021) (Department of State Growth) – Road Safety Auditor

- Completed a Road Safety Audits at the detailed design stage of the Lyell Highway - Queenstown to Strahan upgrade project.

Traffic Management Plans

Hobart International Airport, TAS (2017-2021) (Hobart International Airport Pty Ltd) – Traffic Engineer

- Advised Hobart International Airport of and parking layouts throughout the landside operations; and
- Undertook a traffic and speed management study and advised ways to manage speed throughout the landside airport operations.

**Tasmanian Schools Traffic Management, TAS (2017-2022)
(Department of Education) – Traffic Engineer**

- Dover District School - relocated the school bus stops to provide safer entry and exit for students, reconfigured and formalised the car parking for parents, provided a dedicated loading area, relocated the DDA spaces so that it could be compliant, improved pick-up/ drop off and pathways so that students do not walk in front of vehicles
- Taroona High School - reconfigured the pick-up and drop off area within the school grounds to accommodate the required school buses as well as parent pick up and drop off; and
- Blackmans Bay Primary School - designed new pedestrian crossing and signage to meet Australian Standard requirements, updated parking and improved the kiss and ride zone.

Walking and Cycling

Snug to Margate Shared Path, TAS (2015) (Kingborough Council) – Traffic Engineer

- Investigated the usefulness of existing infrastructure, the options available for the surfacing, construction staging and cost estimates for the construction and maintenance of the path.

Darling Harbour Pedestrian and Cycling Strategy, NSW (2015) (Sydney Harbour Foreshore Authority) – Traffic Engineer

- Investigated existing conflict points between pedestrians and cyclists due to high volumes of both using the area and determined where existing facilities such as parking and end of trip facilities and located; and
- Developed an implementation plan for new initiatives including education, conflict management, signage and additional facilities.

**Snug to Coningham Shared Path, TAS (2021)
(Kingborough Council) – Traffic Engineer**

- Investigated the usefulness of existing infrastructure, the options available for the surfacing, construction staging and cost estimates for the construction and maintenance of the path.