



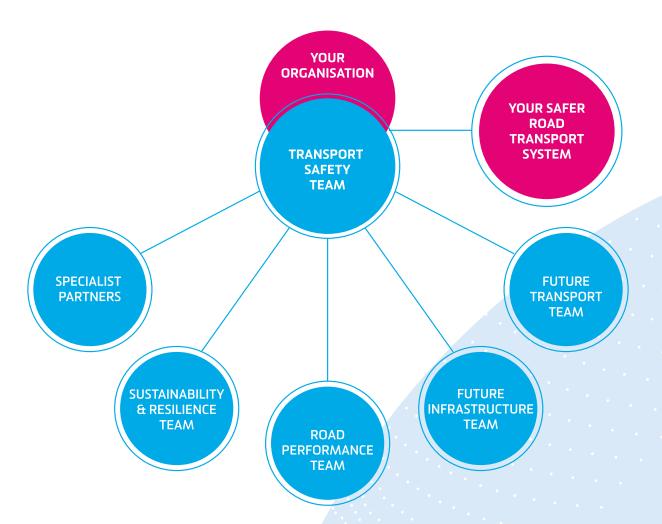
SPECIALIST ADVISOR IN TRANSPORT SAFETY

At ARRB, we understand that your transport system is a significant investment that must meet the needs of road users and managers for decades to come. ARRB's Transport Safety team exists to ensure that your network and systems are built with a safer tomorrow in mind.

As a part of Australia's National Transport Research Organisation, the Transport Safety team was established to deliver ARRB's role in providing government and industry stakeholders with expert advice and practical knowledge to deliver transport safety thinking today.

ARRE

We can help you apply the latest road safety thinking and techniques in traffic engineering, human factors behaviour, vehicle technology, and research design to your road network, to integrate proven techniques so you can achieve safety benefits that contribute to Australia's Toward Zero vision. And our connection to government and industry research organisations and road agencies across Australia and overseas allows ARRB to access the best minds to solve your problems.



WHAT WE DO

WHAT WE USE

We provide Federal, State and Local Government, industry and the community with comprehensive road safety managment solutions. We apply our expertise to provide evidence-based support for ethical and economical decision making that will drive the Nation's road toll toward zero by 2050.

Key activities include:

- Road Safety Management Systems and Network Safety Plans
- Network risk modelling and assessments
- Crash performance tracking
- Star Rating assessments and safety program analysis
- Innovation in road design applying Safe System thinking
- Safety treatment evaluations
- Blackspot solutions
- Road safety audits
- Safe System Assessments
- Crash investigations and blameless Safe System reviews
- Human factors, road user perspectives
- Mine haul road, heavy vehicle safety and ICAM assessments
- Knowledge transfer/training to skill your teams
- Motorcyclist road safety assessments
- Heavy vehicle route assessments

RESEARCH AND LATEST THINKING

Our links to leading road research agencies in Australia and overseas sees our team involved in developing the latest thinking in road safety and traffic engineering. We work with the nation's road agencies to pilot new techniques and review new practices for improving road infrastructure.

STANDARDS AND BEST PRACTICE

Our team works with Government and industry to develop and update Australian and jurisdiction standards and practitioner guidelines; we develop new technical information to help your road managers improve safety on your roads.

KNOWLEDGE AND EXPERIENCE

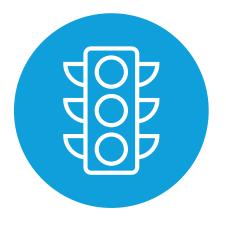
We have national experience and are connected to global experts in road safety, bringing the best together to solve your problems.

CORE COMPETENCIES

- Research and evaluation
- Road safety traffic engineering
- Human factors research
- Expert witness reviews and reporting
- Novice driver program evaluations
- Knowledge transfer, practitioner training and skills development

PARTNERSHIPS

- All tiers of government Local, State and Federal
- Private road operators
- Mining industry and operators
- Industry peak bodies
- Universities and research organisations







WHAT WE DELIVER



ROAD SAFETY MANAGEMENT SOLUTIONS

Our experience working with national, state, territory and local governments means we understand your policy development needs. We can advise on preparing your Road Safety Strategy, Action Plan, preparing improvement programs and prioritising delivery to optimise affordable and sustainable safety outcomes.



ARRB

NETWORK SOLUTIONS

Understanding where crash risk exists on your network is important to developing treatment programs that are able to integrate across road management functions such as asset management, construction, operations and maintenance. As Australia's iRAP Centre of Excellence, our Transport Safety team can help provide a network view of infrastructure risk and advise on solutions that reduce the risk of road crashes in a cost effective and sustainable way. Our services include:

- AusRAP/ANRAM assessment and analysis
- Star Rating your road designs to aid the best reduction of crash risk
- Star Rating for Schools identifying where road infrastructure presents a risk to our most vulnerable road users
- Road safety audits
- Safe System Assessments providing you with expert advice about design vulnerabilities and improving treatments to align with Safe System principles



ROAD USER SOLUTIONS

Core to the Safe System approach and Australia's road safety strategies is understanding how the people in the system use, interpret and respond to a changing road environment. Our Human Factors team looks at road safety from the user perspective, working with practitioners to ensure the network provides a safer environment for all road users.

We can design a research method that examines the problem and analyses the evidence and reports potential solutions.





WHAT





INDUSTRY SOLUTIONS TO INDUSTRY PROBLEMS

WE DELIVER

Our team has extensive experience working with the mining quarrying and heavy vehicle industries to identify safety issues on their haul roads. Our expertise includes:

- Mine vehicle crash incident investigations
- ICAM reviews
- Road safety audits of mine haul road networks
- Developing mine haul road traffic management plans and design guidelines to improve safety and traffic flow.
- Applying ARRB's CLOCS-A principles, we can review heavy vehicle movement and site access to ensure the safety of all road users during the construction phase of infrastructure projects.







DATA ANALYTICS & COLLECTION SERVICES

Whether a large-scale network survey or an assessment of the condition and ride quality of local roads, ARRB offers a quality data collection service using its Hawkeye platform and world leading iPAVE and iSAVE vehicle fleet.

We are able to offer you a 'total service' where the condition data that is collected for your asset managers can be used to identify those elements of the road environment that contribute to crash risk.

Services include:

- Integrate road safety oversight with comprehensive road infrastructure inventory data
- Analysis of crash data and modelling the effectiveness of road safety infrastructure programs.

OUR TRANSPORT SAFETY TEAM PRINCIPALS



DAVID MCTIERNAN

National Leader Transport Safety



PAUL HILLIER
Team Leader, NSW



TIA GAFFNEY
Team Leader, Victoria



MADELINE BEKAVAC
Team Leader, South Australia



DAVID MILLING
Team Leader, Queensland



DR ANNA CHEVALIER
Team Leader, Human Factor
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