

ROESNER & HAMILTON

CONSULTING ENGINEERS



MASH TL-3 crash cushion replacement including median island works to reduce kerb height
Designed by Roesner and Hamilton



MASH TL-3 safety barrier including shallow strip footing to avoid impact to existing services
Designed by Roesner and Hamilton

The team at Roesner and Hamilton can assist you with hazard risk assessments and design of safety barriers. We specialise in preparing safety barrier retrofit designs to suit existing site constraints.

- Roadside hazard assessments to determine warrant for safety barriers
- New safety barriers
- Safety barrier upgrades
- Bridge approach guardrails
- End terminal and crash cushion replacements
- Design exception/extended design domain analysis and reporting
- Alternative treatment options
- PUP conflict assessments
- Strong knowledge of governing standards, approved products and accepted variants
- Communication with road authorities and product manufacturers to help you reach a solution

We believe the community deserves mobility options that are safe, efficient and accessible now – not just in the future.

mobility

[mo·bil·i·ty] *noun*

the ability to move or be moved freely and easily

**ROESNER &
HAMILTON**
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We are consulting Civil, ITS and Electrical Engineers delivering mobility infrastructure

Team

Roesner and Hamilton are a boutique engineering firm, based in Nerang that specialises in mobility infrastructure design. We have a team of 22 staff including civil engineers, electrical engineers, civil designers, project managers, engineering drafters and electrical inspectors.

Projects

- Road, Highway and Motorway Upgrades
- Road Safety
- Asset maintenance and management
- Transport Planning
- Traffic Operations
- Active Transport
- Public transport
- Intelligent Transport Systems
- Temporary works

Technical Capability

Civil

- Road geometric design including highways, motorways, intersections and interchanges
- Road Drainage Design
- Safety Barrier Design
- Signage and Pavement Marking Design

ITS&E

- Road Lighting (Rate 2, Rate 3 and metered supply)
- Traffic Signals
- Intelligent Transport Systems including smart motorways and smart crossings
- Temporary Site Compounds

Clients

- Transport and Main Roads
- City of Gold Coast
- Ventia
- Logan City Council
- AECOM
- ADG
- ARUP
- BG&E
- Colliers Engineering
- HDR
- WSP