Road Safety Policy
Organisational Policy
# Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Policy Statement</td>
<td>1</td>
</tr>
<tr>
<td>Background</td>
<td>1</td>
</tr>
<tr>
<td>Objective</td>
<td>2</td>
</tr>
<tr>
<td>Benefits</td>
<td>3</td>
</tr>
<tr>
<td>Scope</td>
<td>3</td>
</tr>
<tr>
<td>Applicability</td>
<td>3</td>
</tr>
<tr>
<td>Performance Evaluation</td>
<td>4</td>
</tr>
<tr>
<td>Rationale</td>
<td>4</td>
</tr>
<tr>
<td>Consultation</td>
<td>5</td>
</tr>
<tr>
<td>Review</td>
<td>5</td>
</tr>
<tr>
<td>Appendix A: Safety Intervention and Improvement Guidelines (Interim)</td>
<td>6</td>
</tr>
<tr>
<td>Appendix B: Safe System Project Management Control Checklist</td>
<td>7</td>
</tr>
<tr>
<td>Appendix C: Current Work and Future Opportunities</td>
<td>12</td>
</tr>
</tbody>
</table>
Policy Statement

TMR will implement safety standards which will be actively applied in the planning and design of road infrastructure and operations projects, as detailed in Appendix A. These standards reflect default requirements to manage safety risk unless justification is documented in a design exception or planning report.

Projects will follow the Safe System Project Management Control Checklist (Refer Appendix B) and Austroads Safe System Assessment Framework across the planning, concept, development, implementation and finalisation phases before project management gating sign off and approval by Infrastructure Investment Committee, General Manager, Regional Director and District Director.

Background

The Queensland Government has a vision of zero road deaths and serious injuries as committed to in the Queensland Road Safety Strategy 2015-21 and National Road Safety Strategy 2011-2020. To achieve this vision the Department of Transport and Main Roads (TMR) Road Safety Policy commits the organisation to the adoption of Safe System principles, processes and practices.

Acknowledging that humans make mistakes and there is a known physical limit to the amount of force our bodies can take before sustaining debilitating injury or death is the centre of the Safe System approach. The application of Safe System principles, processes and practices to the transport system accommodates the human condition.

The Safe System approach means we adopt Safe System principles and apply Safe System processes and practices across four pillars - Safe Roads and Roadsides, Safe Speeds, Safe Road Users and Safe Vehicles. This system is represented in the figure 1 below.

---

1 In this conceptualisation, ‘mistakes’ excludes instances of deliberate, extreme risk-taking behaviour such as drink or drug driving, driving while using a mobile phone, driving without a seatbelt, riding a motorcycle without a helmet, and high range speeding.
This policy will contribute towards the Queensland Government objective of ‘building safe, caring and connected communities’ and the related TMR strategy to ‘protect, maintain and operate our network to ensure resilience and safety.’

The Road Safety Policy will focus attention on implementing Safe System principles, processes and practices that have the potential to contribute to better road safety outcomes. This will incorporate further embedding the Safe System approach in all TMR practices to maximise alignment with best practice road safety management.

Safety standards are being formalised as part of TMR’s Safety Intervention and Investment Guidelines (SIIG) project. Interim safety standards are in Appendix A for immediate use until completion of the SIIG project.

**Objective**

The objective of this Road Safety Policy is to implement Safe System principles, processes and practices that will deliver reductions in the number of fatal and serious injury crashes on Queensland roads. This will contribute to moving towards the Queensland government’s vision of zero road deaths and serious injuries and achieving the objective of building safe, caring and connected communities.

The objective of this organisational policy is to ensure TMR has a robust approach to road safety which enables:

- relevant TMR policies and strategies to prioritise the need to minimise crash severity outcomes through the Safe System approach,
- a holistic approach considering all four pillars working together as a system, not in isolation (refer figure 1),
- the proactive and continuous management of value across the transport infrastructure investment program to reduce fatalities and serious injuries on the State-controlled road network,
• TMR to influence road safety outcomes across the entire transport system through transport regulation, policy and program development, public education and engagement, grants programs, system monitoring and working with key partners such as QPS,
• the successful delivery of all TMR programs and projects with a focus on achieving safety outcomes
• the assessment of key road safety considerations and indicators consistently throughout all project phases (refer Appendix B).

Benefits

Implementing this Road Safety Policy will improve the safety of the transport network. There will be a reduced economic burden on the Queensland economy, and, more importantly, it will reduce the emotional and psychological harm that families and communities suffer when people are killed or seriously injured on Queensland roads.

The Safe System approach:
• provides a standardised structure to apply system level thinking that recognises the interactions between different components of the road system in influencing crash likelihood, risk and outcomes,
• provides a set of defined and reproducible processes designed to ensure that programs successfully deliver intended outcomes and benefits that reduce both the likelihood and severity of crashes when they do occur,
• takes a whole of road network and route level perspective, not just individual crash sites,
• recognises the importance of investing in our road network to specifically reduce or eliminate hazards and provide a more forgiving road environment, in the event that a pillar of Safe System fails.

Scope

The Safe System approach applies to the road system and its interaction with people, within the wider transport and land use system.

Its primary aim is to provide direction for TMR’s organisational setting, business processes and implementation of related projects and transformational organisational and research activities that achieve safety outcomes and benefits of strategic importance, ultimately realising the Queensland Government vision of zero road deaths and serious injuries.

Applicability

ISO 39001 – Road Traffic Safety (RTS) Management System and the Austroads Safe System Framework with its principles and processes provide practicable mechanisms to guide TMR’s implementation of the Safe System approach to reduce the incidence and risk of death and serious injury related of crashes. This standard identifies elements of good road safety management practice, focusing on road safety management objectives and targets, and guides the planning of activities that will help realise road safety goals by using a Safe System approach.

The implementation of the Safe System approach is relatively new in TMR and therefore shall be scalable in its application as appropriate across:
• Infrastructure Investment Committee (IIC) supported departmental programs and projects focussed on delivering the safety outcome that no individual road user is exposed to crash forces that would lead to fatal and serious injury outcomes,

• road network design improvements, in conjunction with posted speed limits, to provide an appropriate level of protection offered by the road environment,

• the enhancement of policy, regulation and legislation as it relates to road users, road access and vehicle safety,

• the development of public education and engagement strategies,

• TMR’s corporate policies, procedures and standards, with resulting actions to address risks and opportunities.

The short to medium term focus of the Safe System approach is:

• implementing the Road Safety Action Plan that reaffirms Queensland Government commitment to the principles of the Safe System,

• developing a TMR Road Safety Management Plan (RSMP), supported by the Executive Leadership Team (ELT), actively considering or working towards certification under ISO 39001.

Note the Safe System approach does not replace the need for:

• complementary programs such as High Risk Roads, International Road Assessment Program (iRAP) or Australian Road Assessment Program (AusRAP),

• program and project management processes, such as OnQ Project Management Methodology and the Project Assessment Framework (PAF),

• Road safety audits.

Examples of work currently underway and future opportunities to actively manage the road safety risk on the network is detailed in Appendix C.

Performance Evaluation

TMR will monitor the implementation of this policy to determine if Safe System is being integrated throughout TMR processes, policies and practices by:

• undertaking periodic internal audits for compliance checks,

• continuing to measure performance factors and monitoring systems,

• implementing safety assurance processes for road projects to implement the RSMP.

Rationale

TMR uses an integrated approach to improving road safety in Queensland.

This policy aims to ensure Departmental Policies and Standards incorporate road safety where relevant.

Implementation of the Safe System approach through TMR is overseen by the Safe System Steering Committee. This steering committee is to have members across TMR divisions.
Safe System processes should be embedded as business as usual activities, and aim to achieve the best possible short and long term safety outcomes from road transport investments.

Safe System for delivery programs enables a strong focus across Program Delivery & Operations (PDO) to drive continual improvement in safety outcomes and deliver value for money transport system improvements.

**Consultation**

This policy was updated with input from key TMR stakeholders representing the following business areas in:

- Land Transport Safety Branch in Customer Services, Safety & Regulation Division
- Transport Regulation Branch in Customer Services, Safety & Regulation Division
- Portfolio Investment and Programming Branch in Policy, Planning and Investment Division
- Engineering and Technology Branch in Infrastructure, Management and Delivery Division
- Program Management and Delivery, Program Delivery and Operations (PDO) Branch.

**Review**

The Land Transport Safety Branch provides the governance of Safe System committees, provides progress reports of the RSMP to the ELT and is the custodian of this organisational policy. The Executive Director (Safer Roads Infrastructure) is the functional owner of this organisational policy and its application to transport infrastructure investments.

Safer Roads Infrastructure within the Land Transport Safety Branch is responsible for updating and maintaining this organisational policy.

The short to medium term focus applicability provided in Applicability section of this policy is subject to update at its next review.

The policy will be reviewed three years from the date of approval, or as Government objectives shift and further research evolves.
### Appendix A: Safety Intervention and Improvement Guidelines (Interim)

- Interim Safety Standards are for new and upgraded infrastructure and operations.
- Road safety infrastructure and facilities will be planned, designed and constructed so they are fit for purpose and deliver realisable benefits.
- Projects undertaken with appropriate consultation and take into account safety considerations and competing priorities.
- These Interim Safety Standards will be updated when the Safety Intervention and Improvement Guidelines project is complete.

The following Interim Safety Standards are default requirements unless justification is documented in a planning report or design exception. They are based on addressing safety issues on Queensland’s road network with proven countermeasures that are considered good practice in the design and construction of safer road infrastructure to proactively reduce the risk of fatal and serious injury crashes.

<table>
<thead>
<tr>
<th>Safety Issue</th>
<th>Safety Standards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motorcyclists</td>
<td>All new installations of road safety barriers (and terminals) shall be fitted with motorcyclist injury countermeasures (such as underrun) suitable to the barrier type.</td>
</tr>
<tr>
<td>Vulnerable users</td>
<td>In all urban environments, and where demand exists or may develop in a rural environment, projects will include provisions for pedestrians, cyclists and people with a disability, including footpaths and crossings. Appropriate speed limits in areas of high pedestrian and cyclist use as per MUTCD Part 4.</td>
</tr>
<tr>
<td>Intersection – Pedestrian</td>
<td>Pedestrian crossings to be provided on all approaches at signalised intersections. Pedestrian crossing protection (delayed start to vehicle movements) is required.</td>
</tr>
<tr>
<td>Intersection - Pedestrian</td>
<td>Unsualised left turn slip lanes should generally be avoided at intersections unless signalised with pedestrian protection.</td>
</tr>
<tr>
<td>Intersection - Urban</td>
<td>New and upgraded signalised intersections must have protected right turn lanes on the major road. Filtered green arrows for right turns to be excluded unless justified through a risk assessment.</td>
</tr>
<tr>
<td>Intersection - Rural</td>
<td>Auxiliary Right Turn Lanes will be replaced with at least a CHR(s).</td>
</tr>
<tr>
<td>Intersection - Rural</td>
<td>Where a high volume of left turning traffic is present on high speed rural roads, sight lines must not be obscured for traffic entering from the minor road. Depending on sight lines and traffic volumes, left turn lanes may need to be repositioned or channelised. Side road throat widths should be considered for widening to allow Stop/Give way lines to be brought as far forward towards edge of shoulder as possible, with appropriate sealed area for design vehicle turning path.</td>
</tr>
<tr>
<td>Head on - Rural</td>
<td>Rural roads with AADT greater than 4,000 vehicles per day should have a wide centreline and ATLM.</td>
</tr>
<tr>
<td>Head on – All Roads</td>
<td>For all divided roads with posted speed greater than or equal to 80km/hr, medians will be clear of all hazards unless protected by roadside barrier. For all divided roads with posted speed greater than or equal to 80km/hr with AADT greater than 10,000 vehicle per day, physical separation by median barrier is required.</td>
</tr>
<tr>
<td>Run off road - Rural</td>
<td>Audible Tactile Line Marking (ATLM) will be installed on edge lines and centre lines on all rural roads with sealed shoulder greater than 0.5m and a history of fatigue related crashes.</td>
</tr>
<tr>
<td>Line marking – All Roads</td>
<td>All new permanent line marking shall be cold applied plastic.</td>
</tr>
<tr>
<td>Rest Areas and Stopping Bays</td>
<td>On rural roads, ensure there are stopping bays every 30km. Rest areas to be provided every 80km.</td>
</tr>
</tbody>
</table>
| Enforcement             | On all motorway upgrades, provision must be made for speed enforcement. In particular, the works must design to accommodate:  
  - Point to point camera infrastructure, including provision of footings with associated structures and electrical supply, suitably placed for enforcement during operation.  
  - Provide for the construction of enforcement pads/bays for use by mobile speed camera vehicles/trailers encompassing electrical power supply with concrete base at appropriate locations during and at the completion of construction. |
## Appendix B: Safe System Project Management Control Checklist

**Safe System Project Management Control Checklist**

*For Major, OnQ Type 1, 2 and 3 projects*

**Control objective:** To prompt the Project Manager as part of the project management processes on Safe System. Further guidance is provided in the Austroads Safe System Assessment Framework (AP-R509-16) as a tool with specific references below. The following checklist should be considered as site specific for a project across the planning, concept, development, implementation and finalisation phases before project management gating sign off and approval by IIC/GM/Regional/District Director.

---

**Prepared by:** ...........................................  
**Checked by:** ...........................................  
**Date:** ...........................................

**Project name:** ...........................................  
**Project number:** ...........................................  
**Project Management Phase:**  
- [ ] Strategic  
- [ ] Concept  
- [ ] Development  
- [ ] Implementation  
- [ ] Finalisation

### A. Setting the Context – applicable to all project phases

<table>
<thead>
<tr>
<th></th>
<th></th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>What are the reasons for the project and problems? Is there a specific crash type risk? What are the causal factors and how is it proposed to be addressed? Important to differentiate between fatalities, serious injury and other crash types.</td>
<td>Y/N²</td>
</tr>
</tbody>
</table>
Is the project addressing specific issues such as poor speed limit compliance, road access, congestion, future traffic growth, freight movement, accessibility⁵ and vulnerable road users, community concerns, maintenance / asset renewal, and so on?  
Austroads Ref 4.3 (project objectives, performance requirements, project definition, scope)  
Further reference: Austroads Ref 4.3 (project objectives, performance requirements, project definition, scope)  
TMR Road Planning and Design Manual

| 2. | What is the function of the road? Consider location, roadside land use, area type, speed limit, presence of parking, public transport services and vehicle flows. What traffic features exist nearby (for example, upstream and downstream)? What alternative routes exist? | Y/N⁴ |  
Austroads Ref 4.3 (project objectives, performance requirements, project definition, scope)  
TMR Road Planning and Design Manual

| 3. | What is the operating speed? What is the current speed limit? Has it changed recently? Is it similar to other roads of this type? Has lowering the speed limits at this location and across the overall link been considered? | Y/N⁴ |  
Austroads Ref 4.3 (project objectives, performance requirements, project definition, scope)  
TMR Road Planning and Design Manual

| 4. | What road users are present? Consider the higher likelihood of elderly, school children, accessibility needs and cyclists. Also note what facilities are available to vulnerable road users (for example pedestrian facilities at signalised crossings, bicycle lanes, school zone speed limits, and so on). How will this project protect vulnerable users and cater for accessibility needs? | Y/N⁴ |  
Austroads Ref 4.3 (project objectives, performance requirements, project definition, scope)  
TMR Road Planning and Design Manual

---

² To be completed by the Project Manager  
³ To be checked by the Project Director  
⁴ If yes, documentary evidence must be made available to the Region/District Director  
⁵ Includes wheelchair and mobility scooters
5. How does this project strategically fit within the overall network / link strategy objectives?

6. What is the vehicle composition? Consider the presence of heavy vehicles (and what type), motorcyclists and other vehicles using the roadway.
   
   Austroads Ref 4.3 (project objectives, performance requirements, project definition, scope)

7. Has a site visit been undertaken with consideration of key times for inspections (for example, daytime versus night time)? Has a Site Visit Checklist been completed – See Annexure A.

8. Has consultation been undertaken with key internal and external stakeholders, as to potential impacts of the project scope?
   
   OnQ Scope Management (for example: customer, traffic, planning, community, police, industry, emergency services, service authorities)

9. Has a safety audit for the existing conditions of the road been completed?

10. Has the “customer” agreed with the preferred solution?
    
    OnQ Customer Definition.

Select the category below related to the current project phase.

### B. Strategic Planning: preparation and presentation

<table>
<thead>
<tr>
<th></th>
<th>Y/N</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has the planning study brief considered the above Safe System Context?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Has the planning study evaluated road safety data, crash reports and/or safety toolkits? Options include:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Does the study recommend further projects with primary and supporting treatments that reduce the consequence or severity of crashes (actual and/or potential)? Options include:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Has the planning study broken down possible treatments that, while encouraging transport users to be alert and compliant, also aims to reduce the severity of crashes through protective infrastructure treatments, speed reductions and vehicle / safety features?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Has the completed planning study / report addressed the outcomes of the considered Safe System approach?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### C. Concept Phase – up to approved Business Case

<table>
<thead>
<tr>
<th></th>
<th>Y/N</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Review the previous stage - Strategic Planning Safe System checklist. Have there been any changes which impact the crash risk of the project?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. In the Project Proposal Report, or Strategic Assessment of Service Requirements, has the study documented the service need, their relative importance and stakeholder information that includes a Safe System approach? Have accessibility requirements been considered in the context of road safety?</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>Has the Project Proposal Report recommended sufficient funding and time to plan and analyse the Safe System measures and concept design in the Options Analysis and Business Cases?</td>
<td></td>
</tr>
</tbody>
</table>
| 4. | In the Options Analysis, or Preliminary Evaluation, has the risk management approach been used to identify and refine options taken into account the Safe System matrix?  
Austroads Safe System matrix assesses the exposure, likelihood and severity related to:  
- Run-off-road  
- Head-on  
- Intersection  
- Other  
- Pedestrian  
- Cyclist  
- Motorcyclist  
- Additional Safe System components related to road user, vehicle and post-crash care.  
Also consider accessibility requirements as part of the options. |
| 5. | Has the Options Analysis evaluated road safety data, crash reports and/or safety toolkits? Do these options link back to the strategic network context?  
Review Strategic Planning study of the following items and update as required:  
- Webcrash/Roadcrash2 - number and type of casualty crashes for past 5 years  
- QRAM - accessed from the Land Transport Safety Sharepoint for historical road crash data and crash risk.  
- Historical road safety audits, fatal crash reports (available in Pursuit) and speed limit reviews (Q-Limits). |
| 6. | Do the preferred option and reference layouts have primary and supporting treatments that reduce the consequence or severity of crashes (actual and/or potential)?  
Options include:  
- TMR Road Planning and Design Manual  
- Austroads Guide to Road Safety: Part 1 Road Safety Overview (AGRS01-13), Part 2 Crash Risk Mitigation (AP-T147-10), Part 8: Treatment of Crash Locations (AGRS08-15)  
- TMR Crash Reduction Factor (CRF) matrix |
| 7. | In the business case, has the concept design of the preferred option taken into account Safe System approach?  
- Adequate coverage of Safe System in concept design  
- Develop the preferred solution  
- Safety Audit to identify areas where proposed design has potential to compromise road user safety and operational performance  
- Planning report  
- High Risk Road check (if applicable) |
| 8. | High Risk Road - In addition to the general procedure above, check if the subject road section is listed as a High Risk Road. If it is, follow the HRR Project Development Guidelines by undertaking a Safety Risk Assessment (SRA) and options analysis to develop safety improvements. |
| 9. | Solution Check: Review of objectives of the project? Review of objectives of the network? Have the best safety outcomes been achieved within the context of the site, initial budget and planning? Check that accessibility and vulnerable road user requirements for road safety adequately addressed and resolved? |
| 10. | Has an appropriate risk reduction technique been used that incorporates Safe System approach?  
Risk workshop, review past documents, past experiences |
| 11. | Has the OnQ Project Plan (part of the OnQ Business Case) incorporated sufficient funding and time to design and implement the Safe System measures? |
| 12. | Have safety objectives been considered in the planning of the economic analysis for the project? Have regulatory measures such as reduced speed limits been considered in the base case for the project? |
13. Have the financial allowances made against safety risks and their treatment been used to determine the appropriate contingency allowance?


14. Does the estimate allow for unmeasured, unidentified safety items?

   TMR Project Cost Estimating Manual Ref Cl 10.8.9 (detailed design: 1-3%, business case: 3-5%, strategic: 5-7% of the construction cost)

<table>
<thead>
<tr>
<th>D. Development Phase – OnQ Project Plan, Detailed Design and Procurement</th>
<th>Y/N⁶</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Review the previous stage – Concept Phase Safe System checklist. Have there been any changes which impact the crash risk of the project?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Have the Preliminary and Detailed Designs incorporated the Safe System approach? Key checks across: • Detailed planning (such as environmental approvals, land acquisition, community consultation) • Design (such as field studies, preliminary / detailed design, quantity estimates) • Road Safety Audit Report (with emphasis on Geometric Design) is required to be produced at the Design Development and Detailed Design milestones. Full project review should be conducted at the same time as the road safety audit. Also check that accessibility requirements and provisions for vulnerable road users have been incorporated into the designs.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Consideration of “safety expertise” for implementing specialist safety measures within the procurement requirements of contractors (if applicable).</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>E. Implementation Phase</th>
<th>Y/N⁶</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Have there been any changes to the scope of the project which does not align with the Safe System approach?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>F. Finalisation Phase</th>
<th>Y/N⁶</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has a review been undertaken over whether the Safe System measures have been successful?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Residual Extended Design Domain (EDDs) and design exceptions handed over to the Project Customer to ensure safety measures are implemented in ongoing operations and maintenance plans?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

⁶ if yes, documentary evidence must be made available to the Region/District Director
# G. Gating: review and approvals

<table>
<thead>
<tr>
<th></th>
<th>Y/N</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Has the project manager reviewed the adequacy of the safety measures carried out to date prior to submitting for peer review?</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>For all projects: Has a peer review been undertaken? Who did the peer review? Is there written evidence of their feedback/recommendations? If so, have those recommendations been actioned to the reviewer’s satisfaction?</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>For projects $50M or greater: where applicable, has an independent safety review been undertaken? Who did it? Is there written evidence of their feedback/recommendations? If so, have those recommendations been actioned to the reviewer’s satisfaction?</td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Has the Project Customer signed off Gate submission (Summary) and (Approval) forms?</td>
<td></td>
</tr>
</tbody>
</table>

- Satisfactory (expected process controls are in place and used satisfactorily)
- Unsatisfactory (attach details of any controls that in your opinion are not in place and/or are not used satisfactorily)
- Approved
- Not approved

**Signature**

```
..........................................................................................
```

**Date**

```
..........................................................................................
```
Appendix C: Current Work and Future Opportunities

Examples of work currently underway and future opportunities include:

- Incorporating Safe System Assessment Framework in all stages of road infrastructure program and project development as endorsed by Senior Responsible Owners of Investment Programs
- Introducing up to date road safety metrics into investment guidelines so that the required safety outcomes can be better defined in the early planning stages of infrastructure projects
- A focus on wide spread implementation of road safety outcomes of the program
- Leading research into innovative road safety initiatives and fast tracking these innovative treatments into TMR guides and practice
- Policies and practices that support lower vehicle speeds where risk is high
- Policies and practices to protect road workers and the travelling public at road work sites
- Trialling and piloting of new co-operative and automated vehicle technologies to enable early adoption and deployment.
- Continued policy development in all areas that support further protection of vulnerable road users, including pedestrian protection signals and new road rules where required
- Regulating access to the network through vehicle registration, driver/rider licensing, vehicle standards and safety inspection programs and road user behaviour.
- Recognising competing priorities should be evaluated to maximise the safety of all road users
- Implementing measures which are proven to influence road user behaviour and attitudes especially high risk behaviours such as drink and drug driving, speeding, driver fatigue, non-seat belt wearing and distracted driving.
- Committing to being an exemplar organisation for road safety through our commitment to the workplace, health and safety of our staff.
- Delivering and evaluating public education campaigns and community engagement in concert with policy and engineering initiatives.
- Ensuring supportive whole of organisation policies and strategies are in place.