

Reid Highway and Erindale Road Grade Separation Project

Sustainability Targets (Planning)

Why has Main Roads set Sustainability Targets for this project?

We have developed several targets to assist in achieving best practice and sustainable outcomes for the Reid Highway and Erindale Road Grade Separation Project.

These targets help support key decision making and identify environmental, social, and economic opportunities for the project.

What are our objectives and targets?

The targets for the **Planning and Development Phase** of the project are:

Improve network safety, efficiency, resilience and reliability



- Develop a reference design that demonstrates a 50% reduction in crash frequency.
- Develop a reference design that demonstrates operating speeds within 20% of posted speeds in the opening year.
- Develop a reference design that demonstrates a 20% reduction in travel times in the opening year.

- Develop a reference design that demonstrates a 30% reduction in travel time variability in the opening year.
- Improve the network's ability to cope with incidents, emergencies and extreme weather.

Deliver proactive community engagement



- Engage early with over 50 per cent of identified local businesses to mitigate the potential impacts the project may have on them.
- Develop and implement a Community and Stakeholder Engagement Strategy that identifies impacted stakeholders (business and community), and the level of consultation required to maximise awareness and engagement with the project.
- Develop a register of local businesses to inform business/employment opportunities during construction.
- Develop and promote a digital engagement survey that seeks feedback on project objectives and priorities from community, stakeholders, businesses and road users to inform the reference design.

- Develop SMART targets for workforce risk and opportunities that contribute towards improving workforce diversity.

Deliver a liveable and connected infrastructure solution



- Identify at least two opportunities to reflect the local sense of place/identity in collaboration with stakeholders.
- Investigate and document at least three opportunities for enhancing or adding to the existing facilities and/or amenities within the project area.
- Align planning of the new path network with Department of Transport and Major Infrastructure long term plans and City of Stirling infrastructure plans.
- Investigate at least three solutions to pre-existing Principal Shared Path (PSP) connectivity issues and ensure no loss of existing active travel connectivity.
- Integrate at least two priority stakeholder issues or opportunities into the Urban and Landscape Design framework.

Optimise resource efficiency and sustainable procurement opportunities for the project lifecycle



- Identify three water reduction or avoidance opportunities for construction and operation.
- Set SMART resource efficiency targets for at least three priority materials.
- Investigate three opportunities/initiatives to reduce energy use or emissions.
- Identify three opportunities for reuse/ repurposing of excess fill.

Minimise potential carbon, groundwater, and ecological risks



- Investigate three opportunities for reducing the embodied carbon within concrete, pavement, or steel.
- Develop at least two strategies that will have a positive biodiversity/environmental outcome.
- Develop an offset strategy to reduce ecological impact on the project.
- Implement at least two opportunities to minimise clearing on the project.

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For enquiries, please phone 138 138 or email enquiries@mainroads.wa.gov.au



Sustainability Targets will also be developed in future for the Delivery Phase (detailed design and construction).