



Australian Government

BUILDING AUSTRALIA



mainroads
WESTERN AUSTRALIA

FACT SHEET

May 2026

Reid Highway Interchanges Project

Altone Road and Drumpellier Drive / Daviot Road

Designing and delivering sustainable infrastructure

Infrastructure sustainability is about delivering infrastructure that creates positive long-term environmental, social and economic outcomes for the community.

To support this approach, the project is applying the Infrastructure Sustainability Council (ISC) V2.1 Infrastructure Sustainability (IS) rating framework across the planning, design, construction and operational phases of the project. The ISC framework supports the infrastructure industry to measure, assess and improve sustainability performance and drive best practice outcomes.

Project planning was completed as part of the wider Eastlink planning initiative. For further information, please visit the Eastlink project page.

Our approach

The project's sustainability approach is guided by sustainability objectives, targets and priority focus areas. Together, these elements help guide decision-making, prioritise resources and integrate sustainability throughout project design and delivery.

Sustainability objectives and targets

The project has developed sustainability objectives to guide decision-making and delivery throughout the project. These objectives represent the project's overarching sustainability priorities and desired outcomes. The objectives relate to:

- Improving connectivity, accessibility and community resilience
- Protecting and celebrating local identity, culture and Indigenous heritage
- Supporting local economic participation and prosperity
- Minimising construction impacts and support meaningful community engagement
- Reducing waste and improve resource efficiency
- Considering whole-of-life sustainability outcomes in project design and delivery

To support these objectives, the project has established a range of sustainability targets focused on measurable actions and outcomes during design and construction. The targets can be found below (Table 1).

Priority focus areas

Priority focus areas have been identified through ongoing engagement with stakeholders and the community. These focus areas reflect the issues and outcomes considered most important by project stakeholders and help inform the project's sustainability priorities, engagement activities and delivery approach.

- Minimising construction, property and amenity impacts for the local community
- Maintaining safe, efficient and accessible transport connections during construction and into the future
- Recognising and celebrating Noongar heritage and culture
- Delivering sustainable and manageable asset outcomes for local government and government agencies
- Balancing environmental protection with the needs of a growing urban area

Further information

For more information regarding Main Roads Sustainability Policy, please visit:
mainroads.wa.gov.au/community-environment/sustainability

To learn more about the Reid Highway Interchanges Project, please visit:
mainroads.wa.gov.au/reid-hwy-interchanges

Table - Project targets and progress

The table below outlines the project's sustainability targets, progress for the 2025-26 reporting period and alignment with the United Nations Sustainable Development Goals (UN SDGs).

OBJECTIVES	TARGETS	DELIVERY PHASE	PROGRESS STATUS	UN SDGs
Improve connectivity	Investigate three opportunities and deliver at least one practical improvement to make it easier and safer for the community to move around, access local destinations, and connect to surrounding areas.	Design & Construction	ON TRACK Design options such as increasing connectivity being included. Active Transport Permeability Assessment on-going.	9 Industry Innovation and Infrastructure 11 Sustainable Cities and Communities 16 Peace, Justice And Strong Institutions
Preserve Local Identity	Incorporate three (3) or more design and/or construction options into the final design that preserves and celebrates local identity and cultural heritage, identified through the Interpretation strategy, input from Traditional Owners, and endorsed by the Whadjuk Reference Group as a measure of success.	Design & Construction	ON TRACK Design options to preserve Indigenous shields, yarning circle, and existing artwork completed in conjunction with Traditional Owners	8 Decent Work and Economic Growth 11 Sustainable Cities and Communities 16 Peace, Justice And Strong Institutions 17 Partnerships for the Goals
Economic Prosperity	At least 4% of the Contract Sum (\$), with a stretch target of 6%, to be delivered by Aboriginal Businesses or Aboriginal Community-Controlled Organisations	Construction	ON TRACK 1.3% spend of contract value currently awarded as of April 2026.	8 Decent Work and Economic Growth 9 Industry Innovation and Infrastructure 10 Reduced Inequalities 11 Sustainable Cities and Communities
	At least ten per cent (10%) of the Project Total Work Hours are undertaken by Aboriginal Persons.	Construction	ON TRACK 14% of total project work hours undertaken by Aboriginal People as of April 2026.	4 Quality Education 8 Decent Work and Economic Growth 9 Industry Innovation and Infrastructure 10 Reduced Inequalities 11 Sustainable Cities and Communities
Improve Community Resilience	Investigate one (1) design opportunity to support ground water levels to account for future climate impacts.	Design	ON TRACK Ongoing investigations to support ground water levels.	9 Industry Innovation and Infrastructure 11 Sustainable Cities and Communities 13 Climate Action
	Investigate anti-theft design measures for 100% of new lighting system infrastructure within the Project boundary and implement at least one (1) design.	Design & Construction	ON TRACK Proposed street lighting solution in review for suitability.	9 Industry Innovation and Infrastructure 11 Sustainable Cities and Communities 12 Responsible Consumption and Production 16 Peace, Justice and Strong Institutions

OBJECTIVES	TARGETS	DELIVERY PHASE	PROGRESS STATUS	UN SDGs
Minimise Construction Impacts	No surface flows to discharge directly into Bennett Brook for all events up to and including the 1-in-100 years event in both the construction and operational phase.	Design	ON TRACK Water quality modelling undertaken confirming no anticipated discharge from project during construction or operational phase will occur during 1-in-100 year event.	3 Good Health and Wellbeing 6 Clean water and Sanitation 9 Industry Innovation and Infrastructure 11 Sustainable Cities and Communities 14 Life below Water
	Limit construction noise level exceedances of 60dB to no more than five (5) per month at sensitive receptors.	Construction	ON TRACK No material exceedances recorded for reporting period.	3 Good Health and Wellbeing 9 Industry Innovation and Infrastructure 11 Sustainable Cities and Communities
	Ensure construction vibration does not exceed 5 mm/s PPV at sensitive receptors, with mitigation triggered when levels reach 3 mm/s PPV as an early warning threshold.	Construction	ON TRACK No material exceedances recorded for reporting period. Process for advance notice and mitigation developed and implemented.	3 Good Health and Wellbeing 9 Industry Innovation and Infrastructure 11 Sustainable Cities and Communities
	During construction, maintain PM ₁₀ < 50 µg/m ³ (24 hr average) and PM _{2.5} < 25 µg/m ³ (24 hr average) at boundary monitoring locations, consistent with the Air NEPM standards.	Construction	ON TRACK No material exceedances recorded for reporting period.	3 Good Health and Wellbeing 9 Industry Innovation and Infrastructure 11 Sustainable Cities and Communities 12 Responsible Consumption and Production 13 Climate Action
	Ensure no increase in light pollution impacts to Bennett Brook from new operational lighting systems compared to existing lighting systems.	Design	ON TRACK Modelling of new lighting levels confirms no exceedance (operational phase) in comparison to existing lighting.	3 Good Health and Wellbeing 9 Industry Innovation and Infrastructure 11 Sustainable Cities and Communities
Meaningful community engagement	Implement at least three (3) changes to elements of the design as a result of stakeholder input, related to at least one (1) priority focus area.	Design	ON TRACK Revising priority issues and possible project actions for stakeholder feedback.	11 Sustainable Cities and Communities 16 Peace, Justice And Strong Institutions 17 Partnerships for the Goals

OBJECTIVES	TARGETS	DELIVERY PHASE	PROGRESS STATUS	UN SDGs
Indigenous Engagement	Introduce at least one (1) new emerging Indigenous Artist, who has not previously worked on a Main Roads project before, to deliver Indigenous art for the Project	Design & Construction	ON TRACK Artwork strategy is being endorsed prior to Artist engagement.	8 Decent Work and Economic Growth 11 Sustainable Cities and Communities 16 Peace, Justice And Strong Institutions 17 Partnerships for the Goals
Reduce waste and improve resource efficiency	Achieve a minimum of $\geq 2.5\%$ use of materials containing recycled material	Construction	ON TRACK 10% use of materials containing recycled material to date	11 Sustainable Cities and Communities 12 Responsible Consumption and Production 13 Climate Action 17 Partnerships for the Goals
	Achieve a minimum of $>99\%$ and a stretch target of $>100\%$ of clean / inert excavated spoil diverted from landfill	Construction	ON TRACK 100% of clean / inert excavated spoil diverted from landfill	
	Achieve a minimum of $>60\%$ of office waste diverted from landfill	Construction	BEHIND 11% of office waste is being diverted from landfill	
	Achieve a minimum of $>90\%$ of all other Construction & Demolition inert wastes diverted from landfill	Construction	ON TRACK 99% of inert waste is being diverted from landfill	
Whole-of-life impacts	Achieve a minimum material reduction (tCO ₂ -e) of $>15\%$ and a stretch target of $>25\%$ over the lifecycle of the asset compared to a business as usual	Design & Construction	ON TRACK Lifecycle Assessment is complete with IS Enviropoints savings at 18.9%.	11 Sustainable Cities and Communities 12 Responsible Consumption and Production 13 Climate Action 17 Partnerships for the Goals

Table 1 Project Sustainability Objectives and Targets