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| **Focus Area** | **Objectives** | **Targets** | **Applicable Phase of Delivery** |
| **Relationships with Stakeholders and Community** | Maximise sustainable outcomes through Project lifecycle for stakeholders by actively seeking external stakeholder input. | Affected businesses are highly satisfied with LWA engagement, receiving greater than 80% positive response in quarterly surveys. | Design, Construction & Operation |
| Stakeholders are involved in the development of project design packages and feedback is attained to confirm genuine consideration of stakeholder input. | Design |
| At least two sustainability opportunities are implemented to resolve social and/or environmental issues for the local community. | Design, Construction & Operation |
| Lessons learnt are collected and documented at the completion of each phase within the infrastructure lifecycle, to improve outcomes during next stages and pass on learnings to future projects. | Design, Construction & Operation |
| **Minimise Environmental Impacts** | Maintain or Improve Water Quality through Stormwater Treatment. | All stormwater discharged into the Water Corporation Basins (3) is treated to maintain at minimum or improve water quality, compared to baseline levels. | Design, Construction & Operation |
| Maximise Water Sensitive Urban Design (WSUD) in the road and drainage solution. | At least one Water Sensitive Urban Design (WSUD) opportunity is implemented in the road and drainage solution. | Design |
| Reduce Water Consumption during infrastructure lifecycle | Reduce water consumption over construction and operational life of the infrastructure, by ≥5% from the base case, using a Life Cycle Assessment. | Design, Construction & Operation |
| Reduce Energy and Greenhouse Gas Emissions Consumption during infrastructure lifecycle. | Reduce energy and greenhouse gas emissions over construction and operational life of the infrastructure, by ≥5% from the base case, according to Life Cycle Assessment. | Design, Construction & Operation |
| Maximise Soft Landscaping and Tree Canopy Cover and reduce impacts of urban heat island affect. | Increase the total area of soft landscaping in final design, from concept design. | Design |
| Plant a higher percentage of canopy species in the plant and seed mixes, than groundcover species (where the MRWA setbacks permit). | Design |
| Revegetate utilising native tree species that have provenance to the site, are representative of local region biodiversity, and are suitable for the site conditions and changing climate. | Design & Construction |
| Opportunities are implemented (at least one) to reduce clearing extent from total area approved for clearing. | Design & Construction |
| Plant a greater number of trees than those removed. | For every tree cleared, at least 5 trees are replanted (including tube stock). | Design |
| **Sustainable Cities** | Provide an urban design solution that improves urban amenity, enhances aesthetic value of the area, and is consistent with local community and project context. | Opportunities implemented (at least one) to incorporate local context in landscaping and urban design, based upon the Project Urban and Landscape Design Framework. | Design |
| Opportunities implemented (at least one) to improve urban amenity through landscaping and/or public art design, confirmed through feedback attained from the Local Government Authority. | Design |
| Feedback is attained from the Local Government Authority confirming satisfaction of urban design. | Design |
| Increase pedestrian and cyclist connectivity | Additional pedestrian pathways (at least one) are included in final design to increase pedestrian connectivity within area, from concept design. | Design |
| Opportunities implemented (at least one) to improve business connectivity within project footprint, from concept design. | Design |
| Additional cyclist paths (at least one) are included in final design to increase cyclist connectivity within area, from concept design. | Design |
| Project design considers future connectivity improvements | Opportunities implemented (at least one) connecting the final design to the future (ultimate case) PSP and future projects. | Design |
| **Resource Efficiency** | Generate less waste | Reduce raw material consumption by substituting at least 5% of virgin materials for materials with recycled waste content. | Construction |
| Consideration of ultimate design in planning (at least 1 opportunity implemented) to minimise "wasted" works when future projects are undertaken (i.e. Albany Hwy Upgrade and Orrong Road Upgrade). | Design |
| Recover more value and resources from waste | Recover >75% outputs. | Construction |
| Divert >50% inert outputs from landfill. | Construction |
| Divert >50% of other resource outputs from landfill. | Construction |
| Divert >50% office outputs from landfill. | Construction |
| Manage waste responsibly | Reduce life cycle environmental impacts of materials by ≥5% from BaU according to the completed Life Cycle Assessment (Rso-6). | Design, Construction & Operation |
| >15% of all outputs to landfill | Construction |
| **Industry Sustainability** | Increase Aboriginal Employment | At least 10% of the total work hours are undertaken by Aboriginal Persons. | Design & Construction |
| Increase Aboriginal Participation | Works and/or services to a value of at least 2% of the contract sum are undertaken by Aboriginal Businesses | Design & Construction |
| Increase Cultural Awareness | All long-term Alliance employees to undertake cultural awareness training. | Design, Construction & Operation |
| Improve Alliance Health and Well-being | Greater than 70% positive response from LWA team in Alliance Health survey. | Design & Construction |
| Support Industry Training and Development | Run a Certificate II training program and engage participants on the Project. | Design & Construction |
| Support lower-tier subcontractors and suppliers’ development in industry | At least 10% of direct cost target is awarded to MRWA Prequalified Contractors. | Design & Construction |
| **Deliver Sustainable Infrastructure** | Maximise Sustainable Practices and Outcomes in Delivery of Infrastructure | Feedback is attained from Local Government Authority confirming genuine incorporation of sustainability outcomes in the development of infrastructure. | Design & Construction |
| Achieve an ISC ISv2.0 Design and As Built Score of >40 (Self-Assessed by the Project and verified by Main Roads WA). | Design & Construction |
| Achieve ISv2.0 Credit Con-2 Urban and Landscape Design Context Level 1. | Design, Construction & Operation |
| Achieve ISv2.0 Lea-1 Sustainability Strategy, Level 2. | Design, Construction & Operation |
| Assess direct and indirect environmental, social, economic and governance risks and opportunities and achieve ISv2.0 Lea-2 Risks and Opportunities, Level 2 | Design, Construction & Operation |
| Achieve ISv2.0 Lea-3 Knowledge Sharing, Level 3 | Design, Construction & Operation |
| Implement sustainable procurement practices and achieve ISv2.0 Spr-1, Level 1 | Design & Construction |
| Implement sustainable procurement practices and achieve ISv2.0 Spr-2, Level 1 | Design & Construction |
| Implement sustainable procurement practices and achieve ISv2.0 Spr-3, Level 1 | Design & Construction |
| Assess risks related to climate change and natural hazards within infrastructure design and achieve ISv2.0 Credit Res-2 Climate and Natural Hazards Level 2. | Design, Construction & Operation |
| Incorporate environmental, social, economic and governance value in decision making and achieve ISv2.0 Credit Ecn-1 Options Assessment, Level 1. | Design & Construction |
| Examine whole-of-life costs and achieve ISv2.0 Ecn-4, Level 1 | Design, Construction & Operation |
| Achieve ISv2.0 Credit Ene-1 Energy and Carbon Reduction Level 1 and achieve a reduction of up to 5% from the base case. | Design, Construction & Operation |
| Achieve ISv2.0 Env-2 Noise, Level 2 | Design, Construction & Operation |
| Achieve ISv2.0 Env-3 Vibration, Level 2 | Design, Construction & Operation |
| Achieve ISv2.0 Env-4 Air Quality, Level 2 | Design, Construction & Operation |
| Achieve ISv2.0 Env-5 Light Pollution, Level 1 | Design, Construction & Operation |
| Achieve ISv2.0 Rso-1 Resource Strategy Development, Level 1 | Design, Construction & Operation |
| Achieve ISv2.0 Rso-4 Resource Recovery, Level 2 | Design, Construction & Operation |
| Achieve ISv2.0 Rso-6 Material Lifecycle Impact Measure and Management, Level 1, and at least 5% material impacts reduced from the base case. | Design, Construction & Operation |
| Implement at least one product with a sustainability label (aligned with ISv2.0 Credit Rso-7) | Design & Construction |
| Achieve ISv2.0 Wat-1 Water Use Level 1, and at least 5% reduction in water consumption from the base case. | Design, Construction & Operation |
| Achieve ISv2.0 Wat-2 Appropriate Use of Water | Design, Construction & Operation |
| Achieve ISv2.0 Credit Sta-1, Level 2 | Design & Construction |
| Achieve ISv2.0 Credit Sta-2, Level 2 | Design & Construction |
| Achieve ISv2.0 Credit Leg-1 Leaving a Lasting Legacy Level 2 | Design, Construction & Operation |
| Achieve ISv2.0 Credit Her-1 Level 1 | Design & Construction |
| Achieve ISv2.0 Credit Wfs-2 Jobs and Skills, Level 1 | Design & Construction |
| Achieve ISv2.0 Credit Wfs-3 Workforce Culture and Wellbeing, Level 2 | Design & Construction |
| Achieve ISv2.0 Credit Wfs-4 Diversity and Inclusion, Level 1 | Design & Construction |