



# APPENDIX F: DOMAIN PRECINCT ENVIRONMENTAL PERFORMANCE REQUIREMENTS ASSESSMENT



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Approver: Mat Peel

	-	Dat	e: 10/08/2022
Discipling	EPR Ref	Engineering Detection Dequinements	Development Star Response
Aquatic ecology	AE1	The fully integrate the stormwater treatment system into the design of Melbourne Metro (all precincts) for construction to ensure that stormwater entering a receiving water body complies with SEPP (Waters of Victoria).  1. The best practice performance objectives for achieving compliance with SEPP (Waters of Victoria) during the construction phase are described below:  1. The best practice performance objectives for achieving compliance with SEPP (Waters of Victoria) during the construction phase are described below:  1. The best practice performance objectives for achieving compliance with SEPP (Waters of Victoria) during the construction phase are described below:  1. The best practice performance objectives for achieving compliance with SEPP (Waters of Victoria) during the construction phase are described below:	Stornwater treatment for the Domain precinct is addressed in Section 4.4.1 of the Development Plan.
and river nearth		Note (1) Best practice performance objectives are based on the Best Practice Environmental Management Guidelines for Urban Stormwater – CSIRO.  1. Best practice sedimentation and pollution control measures must be applied to protect waterways in accordance with Best Practice Environmental Management: Environmental Guidelines for Major Construction Sites – EPA publication 480 (1996) and in accordance with an approved CEMP.	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are
Aquatic ecology and river health	AE2	2. Control measures may include: vehicle wheel wash and rumble bars at worksite egress points, appropriate placement of material stockpiles and chemical storages, covered loads, street sweeping and vester quality monitoring, where required.	
Aquatic ecology and river health	AE3	1. During construction, discharge all tunnel, station box and portal construction water to sewer.  2. Where groundwater interception during construction is predicted to occur, dewatering is to be managed so that groundwater is not released to stormwater or sensitive surface water bodies.  (See EPR GW3).	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Surface Water Management Plan with site specific control detailed in the precinct-specific Site Environmental Implementation Plans. These plans have been reviewed by the projects Independent Reviewer and audited by the Independent Environmental Auditor. Where discharge to sewer is necessary, this has occurred through a trade waste agreement (or similar) with provision for groundwater disposed.
Aquatic ecology and river health	AE4	<ol> <li>Where ground treatment works are required in waterways, design and implement methods that prevent discharge of sediments into the water column.</li> </ol>	Cross Yarra Parthership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Surface Water Management Plan with site specific controls detailed in the precinct-specific Site Environmental Implementation Plans. These plans have been reviewed by the project's Independent Environmental Auditor.
Aquatic ecology and river health	AE5	1. Design the Arden electrical substation so that it is appropriately protected against floodwaters during operation (see EPR SW1), to prevent the release of contaminants to Moonee Ponds Creek.	Not relevant to Domain precinct. Addressed in the Arden Precinct Development Plan.
Aquatic ecology and river health	AE6	During operation, discharge tunnel drainage water to sewer, unless otherwise agreed by EPA and Melbourne Water and in compliance with SEPP (Waters of Victoria).     Where groundwater interception during operation is predicted to occur, disposal is to be managed so that contaminated water is not released to stormwater or to sensitive surface water bodies (see EPR GW4).	Prior to the operational phase of the project, Cross Yarra Partnership will prepare an Operational Environmental Management Pfan, which will provide detail on discharge of tunnel drainage water.
Aquatic ecology and river health	AE7	1. Fully integrate the stormwater treatment system into the design of all precincts and portals to ensure that any stormwater entering a receiving water body complies with SEPP (Waters of Victoria). See table in EPR Notes  (I) Best practice performance objectives are based on the Best Practice Environmental Management Guidelines for Urban Stormwater – CSIRO.  (2) An example using SEPP (Waters of Victoria), general surface waters segment.  (3) SEPP Schedule F7 – Varra Catchment – urban waterways for the Yarra River main stream.  (4) Litter is defined as anthropogenic material larger than five millimetres.  2. Sedimentation and politution control measures must be applied to protect waterways and habitat areas such as periphery surrounding Moonee Ponds Creek in accordance with industry best practice.  This must include water quality monitoring,	Stormwater treatment for the Domain precinct is addressed in Section 4.4.1 of the Development Plan.
Aboriginal Cultural Heritage	AH1	Comply with a Cultural Heritage Management Plan approved under the Aboriginal Heritage Act 2006 and prepared in accordance with the Aboriginal Heritage Regulations 2007.	The Domain precinct design is within the activity area defined in the Cultural Heritage Management Plans. Cross Yarra Paartnership has implemented an Environmental Management System and Construction Environmental Management Plan, which set out processes for ensuring conditions of approvals (including the Cultural Heritage Management Plans) are met. The aspect-specific control measures are identified in the Heritage Management Plan with site specific controls detailed in the precinct-specific Site Environmental Implementation Plans. This is subject to stakeholder consultation requirements with Heritage Victoria, reviewed by the project's independent Reviewer and audited by the Independent Environmental Auditor.
Air Quality	AQ1	1. Prior to commencement of Project works, develop and implement plan(s) for dust management and monitoring, to minimise and monitor the impact of construction dust. Develop the plan(s) in consultation with EPA and the owners of key sensitive equipment of locations, and advise the community of the plan, in accordance with the contractors Community and Stakeholder Engagement Plan 2. The plan(s) must:  a) Set out air quality criteria and outline the justification for those criteria for above ground construction works.  b) Be informed by air modelling of construction activities, which should identify the main dust sources and the location of sensitive land uses. Air modelling for particulate dispersion must include construction verifications, and assess for both dust particulates and respirable crystalline silica.  c) Be informed by a human health risk assessment, conducted by a suitably qualified professional, for high risk construction activities which may generate possible airborne contaminants of potential concern, including: dust, respirable crystalline silica, a sheetos, Aspergillus spores (Precinct 4 only) and any other common industrial contaminants within dust (such as metals and polycyclic aromatic hydrocarbons).  d) Describe the proposed dust management and monitoring system including (but not necessarily limited to):  1 Routinely reviewing weather model predictions.  a Continuous monitoring and real-time alert systems in the event of measured exceedances.  a Protocols for record-keeping.  a Protocols for record-keeping.  b) Protocols for record-keeping.  a Protocols for record-keeping.  b) Address monitoring requirements for key sensitive receptors, including (but not limited) to.  1 Residential and commercial properties, including ACMI.  i Herbigale listed places sensitive to dust Including St Pauls Cathedral and the Melbourne City Baths.  iv Universities, including The University of Melbourne and RMIT:  v Schooks, including Melbourne Grammar Schoot (South Yarra Campus) and Christ Church Grammar Schoo	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Ar Quality, Dust & Lighting Management Plan with site specific controls detailed in the precinct-specific Site Environmental Implementation Plans. This plan has been reviewed by the project's independent Reviewer and is audited by the project's independent Environmental Auditor.
Air Quality	AQ2	Manage construction activities to minimise dust and other emissions in accordance with EPA Publication 480, Environmental Guidelines for Major Construction Sites (EPA 1996).	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Air Quality, Dust & Lighting Management Plan with site specific controls detailed in the precinct-specific Site Environmental Implementation Plans. This plan has been reviewed by the project's Independent Reviewer and is audited by the project's Independent Environmental Auditor.
Air Quality	AQ3	Control the emission of smoke, dust, fumes and other pollution into the atmosphere during construction and operation in accordance with the SEPPs for Air Quality Management and Ambient Air Quality.	Cross Yarra Partnership has implemented an Environmental Management System, and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Are Caulally, Dust & Lighting Management Plan with site specific controls detailed in the precinct-specific Site Environmental Implementation Plans. This plan has been reviewed by the project's Independent Environmental Auditor. Prior to the operational phase of the project, Cross Yarra Partnership will prepare an Operational Environmental Management Plan, which will provide detail on controlling smoke, dust, fumes and other air collution matters.



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Discipline	EPR Ref	Environmental Protection Requirements	Development Plan Response
Arboriculture	AR1	1. During detailed design, review any potential tree impacts and achieve the maximum possible tree retention on both public and private land, including retaining all valuable habitat linkages or corridors where practicable  2. Trees to be removed during early works must only be flose associated with early works.  3. Comply with any requirements of Heritage Viction if the trees are not by HR.  4. Prior to commencement of Project Works, develop and implement a plan in consultation with the relevant local council that identifies all trees in the Project Area which covers:  a) Trees to be removed or retained.  b) Condition and significance of the trees to be removed.  c) Options for temporary re-location of plams and reinstatement at their former location or another suitable location.  d) Options for re-location of all trees and, if feasible for the tree species, reinstatement of the trees at their former location or all trees and, if resible for the tree species, reinstatement of the trees at their former location diducted a tree removal protocol established in consultation with the City of Melbourne, the City of Pott Phillip, the City of Stonnington, the Shrine of Remembrance and Shrine Trustees, University of Melbourne and Heritage Victoria as applicable that includes a process for MMRA approval of trees prior to removal.	Cross Verar Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Ecology Management Plan which requires the development of a Tree Protection Plan ACT the Protection and Removal Plan for the works. None of the trees proposed for removal are considered native vegetation in accordance with the DELWP Guidelines for the removal, destruction or lopping of native vegetation (2017) (or under the previous Permitted Clearing of Native Vegetation - Biodiversity Assessment Guidelines (2013). The public realm response in regards to tree retention for Domain Station is addressed in 4.4.2 of the Development Plan.
Arboriculture	AR2	1. Reinstate quality soils to sufficient volumes to support long-term viable growth of replacement trees. Ensure ongoing supply of water to tree root zones, especially during their establishment stage. Employ water sensitive urban design principles (WSUD) where possible.	The public realm response in regards to tree soil and water supply is addressed in Section 4.4.2 of the Domain Development Plan.
Arboriculture	AR3	1. Develop a tree replacement program to re establish lost canopy cover and achieve canopy size equal to (or greater than) healthy, mature examples of the removed spacies in Melbourne.  2. Establish protocols to govern the use of advanced and super advanced trees, where such use is appropriate to re-establish canopy and valued landscape character in a way that balances long term valability of the tree with immediate impact.  3. Consult with the City of Melbourne, the City of Port Philip, the City of Stonnington, the Shrine of Remembrance and Shrine Trustees, University of Melbourne and Heritage Victoria as applicable.  4. When re establishing trees, regard should be had to the following documents where relevant:  a) The City of Mebourne's Tree Retention and Removal Policy (2012) (equiculding sections & 2 and 8.3) and Urban Forest Strategy, South Yarra Urban Forest Precinct Plan, Central City Urban Forest Precinct Plan, Cantrou Urban Forest Precinct Plan and Kensington Urban Forest Precinct Plan, Central City Urban Forest Precinct Plan, Central Ci	The public realm response in regards to tree replacement for Domain Station is addressed in Section 4.4.2 of the Development Plan.
Arboriculture	AR4	1. Prior to commencement of construction of any Project works that could affect trees, prepare and implement Tree Protection Plans for each precinct in accordance with AS4970 2009 Protection of Trees on Development Siles. The plans must respond to the detailed design and construction methodology of the Project and ensure that trees proposed to be retained are adequately protected from the impact of construction or related activities. 2. Where a Tree Protection Plan is required for a heritage place, the plan must be developed in consultation with Heritage Victoria or the relevant council (as applicable).	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Ecology Management Plan which requires the development of a Tree Protection Plan. Where the works fall within a Victorian Heritage Registered site, these Tree Protection Plans will be subject to Heritage Victoria approval.
Arboriculture	AR5	1. For City of Melbourne trees that are to be retained and protected, a bank guarantee or bond of the trees' value will be held against the approved Tree Protection Plan for the duration of the works in accordance with the City of Melbourne Tree Retention and Removal Policy.	Cross Varia Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the cology Management Plan (including a Tere Protection Plan) with site specific controls detailed in the precinct Site Environmental Implementation Plans. This is reviewed by the project's Independent Reviewer and audited by the independent Environmental Auditor. A Bank Guarantee or bond for the trees' value has been provided to the City of Melbourne for City of Melbourne trees that are to be retained and protected in accordance with the City of Melbourne Tree Retention and Removal Policy.



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Discipline	EPR Ref	Environmental Protection Requirements	Development Plan Response
		1. Reduce the disruption to businesses from direct acquisition or temporary occupation of land, and work with business and land owners to endeavour to reach agreement on the terms for possession of	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are
Business	B1	the land.  2. Provide businesses with adequate notice (as required under the relevant legislation) of any need for relocation, as a result of the Project including the termination of leases of public or private land where the displacement is a direct consequence of the Project.	Identified in the Communications and Stakeholder Engagement Management Plan, which includes a Business Disruption Plan, Relocation Management Framework and Special Events sub-plan. This is reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor.
Business	B2	1. Prior to commencement of relevant works, prepare a business disruption plan consistent with the contractors Community and Stakeholder Engagement Management Plan (SC4) to: a) Manage potential impacts to non-acquired businesses, commercial property owners and not-for-periti organisations. b) Ensure appropriate engagement with local councils, businesses, property owners and the community throughout construction. c) Alonguite notice of the Project ministrones. b) Engagement Plan (SC4) to: b) Ensure appropriate engagement with local councils, businesses, property owners and the community throughout construction. c) A project construction schedule developed in coordination with transport authorities and local councils and in consultation with businesses to minimise cumulative impacts of this and other projects. c) A Project construction schedule developed in coordination with transport authorities and local councils and in consultation with businesses to minimise cumulative impacts of this and other projects. c) A Project construction schedule developed in coordination with transport authorities and local councils and in consultation with businesses to minimise cumulative impacts of this and other projects. c) A Project construction schedule developed in coordination with transport authorities and local councils and in consultation with businesses to minimise cumulative impacts of this and other projects. c) A Project construction schedule developed in coordination with transport authorities and local councils and in consultation with businesses to minimise cumulative impacts of this and other projects. c) A Project construction of the proposed changes to business operations, including flushed to the installation of directional and businesses splange to assist customers and agreed protocols for engaging with service providers (i.e. deliveries, collections, etc.). c) Process for repetiting management and resolution of complaints from affected businesses consistent with Australian Standard AS/NSZ 10002 2014 Guidelin	
Business	B3	1. Following consultation with potentially affected businesses and prior to commencement of relevant works, prepare management plans and during construction implement those plans to minimise dust, noise and vibration impacts during construction, as per EPRs AQ1, NV5 and NV21.	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Communications and Stakeholder Engagement Management Plan as well as the Air Quality, Dust & Lighting Management Plan and Noise and Vibration Management Plan. Site specific controls for Air Quality and Noise and Vibration are detailed in the precinct-specific Site Environmental Implementation Plans. These plans have been reviewed by the project's Independent Environmental Auditor.
Business	B4	Maintain vehicular and pedestrian access to hospital emergency departments at all times during construction and to other key health and medical facilities, where practicable.	Relevant only to construction phase of the Project. Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Communications and Stakeholder Engagement Management Plan as well as the Air Quality, Dust & Lighting Management Plan are Moise and Vibration Management Plan. Site specific controls for Air Quality and Noise and Vibration are detailed in the precinct-specific Site Environmental Implementation Plans. These plans has been reviewed by the project's Independent Reviewer and audited by the project's Independent Environmental Auditor.
Business	B5	1. Prior to relevant works, develop a stop work contingency plan for Class 1 emergencies (as defined in the Emergency Management Act 2013) in consultation with medical institutions in the Parkville precinct in the event that Melbourne Metro construction works are required to cease as a result of any such emergency.	This is not relevant to the Domain precinct. Refer to the Parkville Emergency Management Plan and project-wide Emergency Response and Incident Management Plan.
Business	B6	1. In consultation and agreement with the owners of the Westin Residential Apartments and the owners' corporations in Plan of Subdivision PS428405M, prepare a legacy design for the private car parking, storage units and services below the Westin building to a similar standard as prior to the commencement of the Project (taking into account station infrastructure requirements) or as otherwise agreed with the owners. The legacy design is to be implemented at the earliest opportunity.	Not relevant to Domain precinct. Addressed in the Town Hall Precinct Development Plan.
Contaminated Land and Spoil Management	C1	1. Prior to commencement of shaft construction and prior to commencement of main works, prepare and implement a Spoil Management Plan (SMP) for each Works Package. The SMP must be in accordance with MMRA's Spoil Management Strategy and any relevant regulations, standards or best practice guidelines. The SMP must be developed in consultation with the EPA. The SMP will include but is not limited to the following: a) Applicable regulatory requirements. b) Identifying nature and extent of spoil (clean fill and contaminated spoil). c) Roless and responsibilities. d) Identification of management measures for handling and transport of spoil for the protection of health and the environment (consistent with the transport management plan(s) as required by EPRs T2 and T3). e) Identification, design and development of specific environmental management plans for temporary stockpile areas f) Identifying potential sites for re-use, management or disposal of any spoil. g) Monitoring and reporting requirements. h) Identifying jocations and extent of any prescribed industrial waste (PIW) and the method for characterising PIW spoil prior to excavation. l) Identifying jocations and extent of any prescribed industrial waste (PIW) and the method for characterising PIW spoil prior to excavation. l) Identifying jocations and extent of any prescribed industrial waste (PIW) and the method for characterising PIW spoil prior to excavation. l) Identifying jocations and extent of any prescribed industrial waste (PIW) and the method for characterising PIW spoil prior to excavation. l) Identifying jocations and extent of any prescribed industrial waste (PIW) and the method for characterising PIW spoil prior to excavation. l) Identifying jocations and extent of any prescribed industrial waste (PIW) and the method for characterising PIW spoil prior to excavation. l) Identifying jocations and extent of any prescribed industrial waste (PIW) and the method for characterising PIW spoil prior to excavation. l) Identifying jocation and extent of any	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The Construction Management Plan Sub-plan includes aspect-specific control measures including the Spoil Management Plan. These plans have been reviewed by the project's independent Reviewer and audited by the Independent Environmental Auditor.
Contaminated Land and Spoil Management	C2	1. Prior to commencement of shaft construction and prior to commencement of main works, prepare and implement an Acid Sulfate Soil and Rock (ASS/ASR) Management Sub-Plan as a sub-plan of the overarching SMP for each Works Package. The Sub-Plan must be developed in accordance with the Industrial Waste Management Policy (Waste Acid Sulfate Soils) 1999, EPA Publication 655.1 Acid Sulfate Soil and Rock and relevant (EPA) regulations, sandards and best practice guidance and in consultation with the EPA.  2. This Sub-Plan will adopt the general requirements of the SMP and also:  a) identify locations and select of any potential ASS/ASR.  b) Characterise ASS/ASR spoil prior to examation.  c) identify social measures to prevent coldation of ASS/ASR wherever possible.  d) identify location measures to prevent or disposal of any ASS/ASR.	a Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The Construction Management Plan Sub-plan includes aspect-specific control measures including the Spoil Management Plan. These plans have been reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor.
Contaminated Land and Spoil Management	СЗ	1. Pirc to commencement of shaft constitution and prior to commencement of main works, prepare a Remedial Management Plan (RMP) for each Works Peolage for contaminated land and groundwater. The RMP must.  Management Plan (RMP) for each Works Peolage for contaminated land and groundwater in ERMP must.  In the RMP must will be provided by the properties groundwater permeation and VOC results of the proprietie groundwater permeation and VOC results of the proprieties groundwater permeation and VOC results of the proprieties groundwater in accordance with relevant regulations, standards and best practice guidance and in consultation with the EFA.  2. If required, class on outcome of the RMP, prepare and implement a remedial action plan and integrate the remediation approach into the design of the Project in accordance with relevant regulations, standards and best practice guidance and to the satisfaction of EPA.	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The Construction Management Plan and Health and Safety Management Plan. In addition. a Western Tunnels Groundwaler and Remediation Plan has been prepared. These plans have been reviewed by the project's independent Reviewer and audited by the Independent Environmental Auditor.



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Discipline E	PR Ref	Environmental Protection Requirements	Development Plan Response
Contaminated Land and Spoil Management	C4	1. Pirot to commencement of relevant works, prepare and implement a health, safety and environmental plan for the management of hazardous substances. The plan must include but not be limited to: a) Consideration of the risks associated with exposure to hazardous substances for employees, visitors and general public. b) The identification of methods to control such exposure in accordance with relevant regulations, standards and best practice guidance and to the satisfaction of WorkSafe and in consultation with EPA c) Method statements detailing monitoring and reporting.	Cross Varia Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan and Health and Safety Management Plan. This includes a Hazardous Materials Procedure to ensure hazardous materials are managed in accordance with the Environmental Management Framework. These plans have been reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor.
Historical Cultural Heritage	CH1	1. Design permanent and temporary works to avoid or minimise impacts on the cultural heritage values of heritage places. Consult, as required, with Heritage Victoria and/or the relevant local council (as applicable). Note (1) The Project must meet the requirements of the Heritage Act 2017.	impacts to the heritage values of the area.
Historical Cultural Heritage	CH2	1. To avoid or minimise impacts on the cultural heritage values of heritage places, prior to commencement of relevant works, prepare and implement a Heritage Management Plan (HMP) in consultation with Heritage Victoria or the relevant local council (as applicable). 2. The HMP must identify the heritage values of the place, the degree of significance of component parts, how proposed works will affect the heritage values, the mitigation measures to be adopted to avoid or minimise impacts on heritage values and any possible heritage benefits.	Cross Varra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Heritage Management Plan with site specific controls detailed in the precinct-specific Site Environmental Implementation Plans. This is subject to stakeholder consultation requirements with Heritage Victoria, reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor.
Historical Cultural Heritage		1. To avoid or minimise impacts on the cultural heritage values of heritage places, prior to commencement of nelevant works: a) Perform works in accordance with the following notes and wheation and ground movement. EPRs as related to heritage places. NV2, NV3, NV4, NV8, NV9, NV21, GM2, GM3, GM4, GM5, GM6 b) Undertake condition assessments of heritage places prior to commencement of construction of relevant works where located within the identified wheation and ground settlement zones of sensitivity and emotion as per NV9, GM3, GM4 and GM5. 2. Should damage occur to a heritage place as a result of works, undertake rectification works in accordance with accepted conservation practice (with reference to the Australia ICOMOS Burra Charter 2013) within put from a qualified heritage practitioner and in consultation with the land owner and relevant local Council for places in a local Heritage Overlay, or with the written approval of the Executive Director of Heritage Victoria for places included in the Victorian Heritage Register.	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Hertiage Management Plan, note and Urbation Management Plan and Than with site specific controls detailed in the precinct-specific Site Environmental Implementation Plans. This is subject to stakeholder consultation requirements with Heritage Victoria, reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor.
Historical Cultural Heritage	CH4	1. Prior to commencement of relevant works, undertake archival photographic recording in accordance with Heritage Victoria's specification for the archival photographic recording of heritage places where heritage places are to be demolished or modified or their setting is to be impacted by works. The archival recording is to be provided to Heritage Victoria for places in the VHR and the relevant local council for places included in the Heritage Overlay and approved in writing. Once approved, a copy of the recording is to be lodged with the La Trobe Picture Collection, State Library of Victoria.	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Heritage Management Plan, Noise and Vibration Management Plan and Ground Movement Plan with site specific controls detailed in the precinct-specific Site Environmental Implementation Plans. This is subject to stakeholder consultation requirements with Heritage Victoria, reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor.
Historical Cultural Heritage	CH5	1. Prior to the construction of works that affect heritage structures or places, where it is proposed to dismantle, store and reconstruct heritage fabric, develop detailed methodology in accordance with the Australia (COMOS Bursc Charter 2013 and in consultation with Heritage Victoria or the land owner or relevant local council (as applicable). Work is to be documented and overseen by an appropriately qualified heritage practitioner.  2. Prior to dismantling the following heritage places, develop interpretative material for display while the heritage fabric is not visible:  a) Burke and Wills Monument.  b) University of Melbourne Main Entrance Gate (Gate 6) Pillars and Fence (VHR H918).	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Heritage Management Plan, Noise and Vibration Management Plan and Ground Movement Plan with site specific controls detailed in the precinct-specific Site Environmental Implementation Plans. This is subject to stakeholder consultation requirements with Heritage Victoria, reviewed by the project's independent Reviewer and audited by the independent Environmental Auditor.
Historical Cultural Heritage	CH6	<ol> <li>Prior to commencement of relevant works which may directly or indirectly affect heritage places, develop and implement appropriate protection measures for heritage places and their settings. This is to be done in consultation with the land owner, and Heritage Victoria or relevant council (as applicable).</li> </ol>	The design of the Araze Station (both during temporary and permanent works) seeks to minimise any impacts to the heritage values of the area. Cross Yarra Partnership has implemented an Environmental Management System and prepared a construction Environmental Management Plan. The aspect-specific control settlement in the Heritage Management Plan with site specific controls detailed in the precinct-specific Site Environmental Implementation Plans. This is subject to stakeholder consultation requirements with Heritage Victoria, reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor.
Historical Cultural Heritage	CH7	1. In consultation with Heritage Victoria and as required by the <i>Heritage Act 2017</i> :  a) Develop archaeological management plans to manage disturbance of archaeological sites and values affected by the Project.  b) Undertake investigation in accordance with the Guidelines for Investigating Historical Archaeological Artefacts and Sites, Heritage Victoria 2014 (as amended or updated).  2. Develop and implement a protocol for managing previously unidentified historical archaeological sites discovered during Project works.	Cross Varra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Heritage Management Plan, Noise and Vibration Management Plan and Ground Movement Plan with site specific controls detailed in the precinct-specific Site Environmental Implementation Plans. This is subject to stakeholder consultation requirements with Heritage Victoria, reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor.
Historical Cultural Heritage	CH8	<ol> <li>In consultation with Heritage Victoria, the relevant local council and/or Aborignal Victoria (as applicable), develop and implement, a heritage interpretation strategy for places in the VHR and VHI or which explores historical and Aborignal cultural heritage themes.</li> <li>This must also include the railway workshop buildings in the proposed Railway Reserve Precinct (proposed HO1093) located at 173–199 Laurens Street, North Melbourne in the Arden precinct.</li> <li>The heritage interpretation strategy should consider the MMRA Creative Strategy.</li> </ol>	In consultation with Heritage Victoria, the City of Melbourne and other relevant councils, a heritage interpretation strategy has been developed for the Project which includes the publicly accessable stations. This strategy takes into consideration the RPV Creative Strategy, Refer to the Station Development Plans for further information on the heritage interpretation strategy for public-facing areas.
Historical Cultural Heritage	CH9	1. Undertake all underground service works beneath or within heritage places or tree protection zones (TPZs) for trees as part of heritage places to avoid, minimise and mitigate impacts to the heritage fabric.	Cross Varia Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are utentified in the fertinge Management Plan and Ecology Management Plan with site specific control detailed in the precinct-specific Site Environmental Implementation Plans and Tree Protection Plans. This is subject to sub
Historical Cultural Heritage	CH10	1. Ensure new development is responsive to heritage places in terms of height, massing, form, façade articulation, materials and impacts on their settings and key views.	Historical cultural heritage at Domain Station is addressed in 4.4.3 of the Development Plan.
Historical Cultural Heritage	CH11	1. Ensure no direct impact on heritage buildings on the former Glueworks site in Kensington.	Not relevant to Domain precinct. Addressed in the Western Portal Precinct Development Plan.
Historical Cultural Heritage	CH12	1. Retain and protect Langford Street pumping station as part of the design for the new substation.	Not relevant to Domain precinct. Addressed in the Arden Intake Substation Development Plan.
Historical Cultural Heritage	CH13	<ol> <li>In consultation with VicRoads, Heirtage Victoria and/or the relevant local council, replace removed Elm trees in Royal Parade as part of Project delivery using appropriate species and re-establish the boulevard formation and heritage values.</li> <li>Provide suitable soil conditions to facilitate the growth of new trees to reach the size of the existing mature trees in the boulevard. (See EPR AR3).</li> </ol>	Not relevant to Domain precinct. Addressed in the Parkville Precinct Development Plan.
Historical Cultural Heritage	CH14	1. During detailed design ensure the eastern Parkville station entry is set no less than 8-10 metres from the original Gatekeeper's Cottage and an appropriate boundary treatment is retained or re-established for the heritage building.	Not relevant to Domain precinct. Addressed in the Parkville Precinct Development Plan.
Historical Cultural	CH15	1. During detailed design for the Town Hall station, consult with City of Melbourne regarding the incorporation of the Charles Bush sculpture into the design for the new building on the Port Phillip Arcade site. preferably in a prominent position on the Flinders Street (acade.	Not relevant to Domain precinct. Addressed in the Town Hall Precinct Development Plan.
Historical Cultural Heritage	CH16	1. In the event that temporary or permanent relocation of the Eurke and Willis Monument from its current site is required, resolve the final location of the monument in consultation with the City of Modes prior to the commencement of relevant works.  (See EPR CHS)	Not relevant to Domain precinct. Addressed in the Town Hall Precinct Development Plan.
Historical Cultural Heritage	CH17	1. Integrate the bluestone pillar and cast iron fencing at the corner of Grattan Street and Royal Parade into the design for the station entry and surrounds in consultation with the University of Melbourne.	Not relevant to Domain precinct. Addressed in the Parkville Precinct Development Plan.



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			: 10/08/2022
Discipline	EPR Ref	Environmental Protection Requirements	Development Plan Response
Historical Cultural Heritage		1. Replace removed trees as part of Project delivery in accordance with relevant policy documents and to reinstate heritage values in consultation with the City of Melbourne, the City of Port Phillip, Heritage Victoria, the Shrine of Remembrance and Shrine Trustees (as a garpicable), Policy Jocuments are as 16 follows. a) Any Conservation Management Plan adopted by those bodies, including: 1. Domain Parklands Conservation Management Plan (2016) and the Domain Parklands Masterplan (when completed). Il Shrine of Remembrance Conservation Management Plan (Lovell Chen, 2010) or any future review and the Shrine of Remembrance Landscape Improvement Plan (Rush Wright Associates, 2010). Il South African Soddies Memorial Conservation Management Plan (Context, 2016). Is outh African Soddies Memorial Conservation Management Plan (Context, 2016).	Replacement of removed trees at the Domain precinct is addressed in Section 4.4.3 of the Development Plan.
Historical Cultural Heritage	CH19	1. In consultation with Heritage Victoria, the City of Melbourne, the Shrine of Remembrance and Shrine Trustees (as applicable), review the siting and design of the eastern Domain station entry during detailed design to ensure it is as recessive as possible in this location and has only a limited presence on the edge of the Shrine of Remembrance Reserve.  2. The design needs to allow for the maintenance of an appropriate setting to the Macpherson Robertson Memorial Fountain.	The eastern Domain Station entrance is addressed in Section 4.4.3 of the Development Plan.
Historical Cultural Heritage	CH20	1. Prior to dismantling the South African Soldiers Memorial, in consultation with City of Port Phillip and Heritage Victoria develop interpretive material to display in the precinct until the monument is restored.  2. For detailed design, in consultation with City of Port Phillip and Heritage Victoria review the siting and design of the western Domain station entry to ensure the South African Soldiers Memorial and other components of the Albert Road Reserve retain their heritage values including an appropriate setting. If no appropriate setting can be established, consider options for relocation of the memorial to an alternative site.	The South African Soldiers Memorial is addressed in Section 4.4.3 of the Development Plan.
Historical Cultural Heritage	CH21	1. In consultation with VicRoads, Heritage Victoria and relevant local councils, replace any trees in St Kilda Road that must be removed in a manner which will re-establish the boulevard formation and reinstate heritage values.  2. Resolve the physical and visual impacts of new above ground structures and changes to the functional layout with input from Heritage Victoria, relevant local council, VicRoads, Yarra Trams and PTV/DEDJTR (Transport) in the Heritage Impact Statement (HIS).	The trees along St Kilda Road are discussed in Section 4.4.3 of the Development Plan.
Historical Cultural	CH22	1. Retain and protect the Cross Street Electrical Substation in situ within or abutting proposed construction site.	Not relevant to Domain precinct. Addressed in the Rail Turnback Precinct Development Plan.
Historical Cultural Heritage	CH23	1. Ensure that, where impacted by Project works, street fabric and infrastructure is conserved and/or accurately reconstructed in consultation with Heritage Victoria and the relevant local council.	Street fabric and infrastructure at the Domain Precinct is addressed in Section 4.4.3 of the Development Plan.
Historical Cultural Heritage	CH24	1. Prior to commensorment of main works, consider the construction noise and withation pre-construction surveys and review the ground movement plan required by EPR GM3.On this basis, identify heritage places kind may be witnesshe be damage from construction and identify appropriate miligation measures to prevent damage to heritage places.  2. Prior to the commencement of main works.  3. Conduct pre-construction conditions surveys or heritage places identified as potentially being vulnerable to damage to record structural condition and structural integrity.  3. If may be integrated the integration of the prior	Cross Varia Patrineship has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Hertlage Management Plan, Noise & Vibration Management Plan & Ground Movement Plan with site specific controls detailed in the precinct-specific Site Environmental Implementation Plans. This is subject to stakeholder consultation requirements with Hertlage Victoria, reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor.
EMF	EMF1	1. Prior to commencement of Project works, prepare and implement an Environmental Management System (EMS) that is certified to ISO 14001-2015 Environmental Management Systems – requirements with guidance for use for construction and operation.	Cross Varia Partnership has implemented an Environmental Management System that is certified to 18014001/2015, and prepared a Construction Environmental Management Plan. An Operational Environmental Management Plan will be prepared prior to the operational phase of the Project. Site specific controls are detailed in the precion-depelled in the precion-depelled prior to the operational phase of the Project. Site specific controls are detailed in the precion-depelled prior to the operation of the Project. Site specific controls are detailed in the precion-depelled prior to the operation of the Project. Site Systems of the Project Site Syste
EMF	EMF2	1. Prepare a Construction Environmental Management Plan (CEMP), Site Environment Implementation Plans (SEIP), Operations Environmental Management Plan (OEMP) and other plans as required by the Environmental Performance Requirements (EPRS) and as relevant to any stage of the Project.  2. Develop a program to set out the process and timing for development of an EMS, CEMP, SEIP, OEMP and other plans as required by the EPRs and as relevant to any stage of the Project.  3. The process for development of and implementation of the CEMP, the SEIP and OEMP must include consultation with Councils, Hentage Victoria, the Roads Corporation, Melbourne Water, Public Transport Victoria (PTV)/DED/TR (Transport), the Environment Protection Authority (EPA) and other stakeholders as relevant. These consultation processes must be described in the program. Plans are to be reviewed in accordance with the EMF.  4. The CEMP should be prepared in accordance with EPA Publication 480, Environmental Guidelines for Major Construction Sites (EPA 1996).	Cross Yarra Partnership has implemented an Environmental Management System, and prepared a Construction Environmental Management Plan. An Operational Environmental Management Plan will be prepared prior to the operation phase of the Project. Site specific controls are detailed in the precinct-specific Site Environmental Implementation Plans. These plans have been reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor.
EMF	EMF3	1. Prior to commencement of Project works, appoint an Independent Environmental Auditor to audit proposed plans, as required in the incorporated Document, so as to ensure the plans comply with the auditor of undertake environmental auditor incomplex environmental auditor of the plans of the plans of the plans comply with the auditor formplace with the approved CEMP, SEIP, OEMP (the OEMP is for Public Private Partnership (PPP) only), EPRs and approval conditions.	An Independent Environmental Auditor has been appointed to ensure the relevant plans comply with the EPRs and is undertaking environmental audits to satisfy this EPR.
EMF	EMF4	1. Prior to commencement of Project works, develop and implement a process for the recording, management and resolution of complaints from affected stakeholders consistent with Australian Standard ASINZS 1000;2-014 Guidelines for Complaint Management in Organizations.  2. The complaints management approach will be documented in the Community and Stakeholder Engagement Management Framework required under EPR SC3 and be integrated with the Proponent and Contractors' own EMS'. The complaints management system will address requirements of the Business Support Guidelines for Construction (BSGC). (See EPR B2).	Rail Ptyclets Victoria has implemented a process for the recording, management and resolution of complaints, as documented in the Communications and Stakeholder Engagement Management Farmework. CVP's Communications and Stakeholder Engagement Management Plan has been prepared to reflect this process. This plan has been reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor.
Electro Magnetic Interference	EMI1	1. During detailed design activities for main works: a) Indertaise a Project wide Electro Magnetic Interference (EMI) assessment for existing infrastructure, considering: Baseline conditions. Is Stakeholder requirements. Is Idan/indexturer specifications of sensitive equipment to the use of the project of the project. In Any nefectormagnetic emissions where the magnetic fields are altered by moving metallic objects and which may after the operation of any electrical or electronic equipment to be used during construction and operation of the Project.  I) Undertains baseline monitoring of sensitive equipment in accordance with any relevant manufacturer environmental test requirements, where available.  I) Undertains baseline monitoring of sensitive equipment in accordance with any relevant manufacturer environmental rest requirements, where available and background EMI levels.  I) Undertains baseline monitoring of sensitive equipment in accordance with the equipment convers having regard to equipment manufacturer environmental sepecifications where available and background EMI levels.  In a constitution of the project of the project of the project, design mitigation measures, in consultation with equipment owners, so as to minimise impact on ansative equipment in accordance with These practice industry standers.  2. The findings of the assessment undertaken in EPR EMI1 should be summarised and addressed in the Management Plan prepared in response to EPR EMI2.	Cross Varsa Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Design Management Plan (Electro-Magnetic Compatibility Management Plan). These plans have been reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor.
Electro Magnetic Interference	EMI2	1. Prior to commencement of relevant works, prepare and implement an Electro Magnetic Compatibility (EMC) Management Plan that includes the following full is not necessarily immitted to): a) An assessment of the likely electromagnetic emissions generated by the main works and the operation of the Project. b) Identification of sensitive equipment that might be affected by those electromagnetic emissions and the proposed management measures. c) A testing strategy in accordance with equipment specifications to monitor performance of appropriate management measures. d) Identification of possible works to sensitive equipment to avoid adverse impacts. e) A program for regular auditing of electronic and electrical systems during the construction, testing and commissioning. f) Remedial action to be undertaken if EMI limits are not met during the construction, testing, commissioning and operation of the Project.	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Design Management Plan (Electro-Magnetic Compatibility Management Plan). These plans have been reviewed by the project's independent Reviewer and audited by the Independent Environmental Auditor.



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Date: 10/08/2022

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Where the removal of native vegetation is 'unavoidable' (as defined under relevant policy) meet the requirements of the Permitted Clearing of Native Vegetation – Biodiversity Assessment Guidelines. Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Ecology Management Plan with site specific controls detailed in the precinct-specific Site Environmental Implementation Plans. These plans have been reviewed by the project's ndependent Reviewer and audited by the Independent Environmental Auditor. . Develop and implement measures to avoid the spread or introduction of weeds and pathogens during construction, including vehicle and equipment hydiene. Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are errestrial flora nd fauna identified in the Ecology Management Plan with site specific controls detailed in the precinct-specific Site Environmental Implementation Plans. These plans have been reviewed by the project's 1. Trees identified for removal under EPR AR1, which may be used for breeding by native wildlife, should be removed outside the spring breeding season (August-December inclusive) where practicable, immediately prior to site clearance for construction, large old trees with habitat hollows must be inspected by a suitably experienced and qualified arborist, to check for fauna occupancy, and native fauna Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Ecology Management Plan with site specific controls detailed in the precinct-specific Site Environmental Implementation Plans. CYP has prepared a Tree Protection Plan and Tree errestrial flora nd fauna emoved and released at a nearby location immediately outside the impact zones rotection and Removal Plan for the works. These plans have been reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor. 1. Prior to commencement of main works, develop and implement a Sustainability Management Plan to meet, as a minimum, the Melbourne Metro sustainability targets, including achieving the specified ratings under the Infrastructure Sustainability Council of Australia's Infrastructure Sustainability Rating Tool and the Green Star Design and As Built Melbourne Metro Rail Tool. Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Sustainability Management Plan. This is reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor (this includes audits of performa against the most material aspects each quarter throughout construction). 1. Monitor and report on how each of the best practice GHG abatement measures and sustainability initiatives identified in the Concept Design is implemented in the detailed design of the Project and Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are whether any additional measures not included in the Concept Design are feasible. identified in the Sustainability Management Plan, which includes sub-plans such as Climate Resilience, Carbon and Energy, These plans are reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor (this includes audits of performance against the most material aspects each quarter throughout construction). Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The management system includes a Groundwater Management Plan and Ground Movement Management Plan which set out the relevant models are managed. These plans have been reviewed by the project's Independent Revie 1. Prior to commencement of shaft construction and prior to commencement of main works, develop and maintain geological and groundwater model(s) (as per EPR GW2) for each Works Package a) Use monitored ground movement and ground water levels prior to construction to identify pre-existing movement and audited by the project's Independent Environmental Auditor a) dea minimore ground information and ground water areas prior to constituction to entirity pre-assing protestants.

b) Inform tunnel design and the construction techniques to be applied for the various geological and groundwater conditions.

c) Assess potential drawdown and identify trigger levels for implementing additional mitigation measures to minimise potential primary consolidation settlement. d) Assess potential ground movement effects from excavation and identify trigger levels for implementing additional mitigation measures to minimise potential ground movement effects. 1. Design and construct the permanent structures and temporary works to limit ground movements to within appropriate acceptability criteria (to be determined in consultation with relevant stakeholders Relevant only to construction phase of the project. Compliance with construction Environmental Performance Requirements will be in accordance with MMRA's approved Environmental Management Framework, which requires Cross Yarra Partnership to have an Environmental Management System, Construction Environmental Management Plan, Site Environment Implementation Plans and Ground Movement Management Plan (as specified in Environmental Performance Requirements). This is subject to separate stakeholder consultation requirements and ocal councils and land managers and which build upon the assumptions for criteria presented in the EES) for vertical, horizontal, and angular deformation as appropriate for Project activities during the round Moveme construction and operational phase. In the design of the works and the planning of construction and mitigations, incorporate the findings of investigations reported in the EES and subsequent relevant view by the Independent Environmental Auditor, including quarterly audits of performance throughout construction. vestigations. 1. Prior to commencement of shaft construction and prior to commencement of main works, develop and implement a Ground Movement Plan(s) for each Works Package for construction and operational Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Ground Movement Management Plan, which has been reviewed by the project's Independent Reviewer. These plans are also audited by the project's Independent Environmental a) Addresses the location of structures/assets which may be susceptible to damage by ground movement resulting from Melbourne Metro works, having particular regard to heritage places and EPR CH2. Additor. b) Identifies appropriate ground movement impact acceptability criteria for buildings, utilities, trains, trams and pavement after consultation with the various stakeholders. c) Identifies mitigation measures to ensure acceptability criteria can be met. d) Identifies techniques for limiting settlement of buildings and protecting buildings from damage. Where these may apply to heritage places, they should be developed in consultation with Heritage Victoria round Movemen and the relevant local council (as applicable). e) Addresses additional measures to be adopted if acceptability criteria are not met such as reinstatement of any property damage. For heritage places, refer to EPR CH2 and CH24. f) Establishes ground movement monitoring requirements for the area surrounding proposed Melbourne Metro works and at the location of various structures/assets to measure cons g) Consult with land and assets owners that could be potentially affected and whereby mitigation measures would be required. 1. Conduct pre-construction condition surveys for the assets predicted to be affected by ground movement, including where a property owner reasonably expects to be potentially affected and has Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are closs it an entiresting has implemented an environmental management of years and proposed a Construction Environmental management Plan. The aspect-specials condition massages are identified in the Ground Movement. Plan and Communications and Stakeholder Engagement Management Plan, which set out the process for undertaking condition surveys. These plans have been reviewed by the project's independent Reviewer. These plans are also audited by the independent Environmental Auditor. 2. Develop and maintain a data base of as-built and pre-construction condition information for each potentially affected structure identified as being in an area susceptible to damage (see EPR GM3) or where a property owner has requested a pre-construction condition survey, specifically including:
a) Identification of structures/assets which may be susceptible to damage resulting from ground movement resulting from Melbourne Metro works. b) Results of condition surveys of structures, pavements, significant utilities and parklands to establish baseline conditions and potential vulnerabilities. O; Records of consultation with landowners in relation to the condition surveys.
d) Post-construction stage condition surveys conducted, where required, to ascertain if any damage has been caused as a result of Melbourne Metro. round Moveme e) Share pre- and post-condition assessments and records of consultation with the property owner proactively f) Ensure all stakeholder engagement activities are undertaken in accordance with the contractors Community and Stakeholder Engagement Management Plan Adopt construction techniques for Melbourne Metro to limit ground movement to within appropriate acceptability criteria (to be determined in consultation with relevant stakeholders). Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Ground Movement Plan, which is reviewed by the project's Independent Reviewer. These plans are also audited by the Independent Environmental Auditor. 1. For properties and assets affected by ground movement, undertake any required repair works or other actions as agreed with the landowner. For places on the VHR. consultation with Heritage Victoria Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The assect-specific control measures are nd the relevant local council must occur (as applicable). identified in the Ground Movement Plan and Heritage Management Plan, which is reviewed by the project's Independent Reviewer. These plans are also audited by the Independent Environment nd Land Stabil



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Discipline	EPR Ref	Environmental Protection Requirements	Development Plan Response
		1. Design the tunnel and underground structures so that they minimise changes to groundwater levels during construction and operation to minimise impacts on groundwater dependent values, ground	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are
Groundwater	GW1	movement and contamination plume migration.  2. In the case of existing, registered groundwater bore users, for the assessment of tolerable groundwater drawdown criteria, drawdown level should not exceed the point where the available saturated aquifer thickness of the bore is reduced by further than 10 per cent.	identified in the Groundwater Management Plan and Ground Movement Plan, which have been reviewed by the project's Independent Reviewer. These plans are also audited by the Independent Environmental Auditor.
Groundwater	GW2	1. Develop a groundwater model through a process that involves ongoing referral to the independent Environmental Auditor consistent with the Australian Groundwater Modelling Guidelines (Barlast et al. 2012). Apply the model for the detailed design phase to predict impacts associated with any changes to construction techniques or operational design features proposed during detailed design, and reconfirm that the EPRs and mitigation measures are sufficient to mitigate impacts from changes in groundwater levels, flow and quality.  2. The groundwater model should be updated to address comprehensively transient calibration, aquifer specific storage parameter values and their justification, prediction of cumulative impacts during construction and uncertainty assessments.  3. Ensure that the model geometry set up (node and grid network of model and Isyering definition) is accurately matched into the Project's detailed design exervation geometry.  4. Undertake monoting during construction to ensure that predictions are accurate and mitigation measures are appropriate, and adjust the model frequired.	Cross Yarra Partnership has implemented an Environmental Management System, and prepared a Construction Environmental Management Plan. An Operational Environmental Management Plan will be prepared prior to the operational phase of the Project. The aspect-apecific control neasures are identified in the Groundwater Management Plan will be teppedic controls detailed in the precinct-specific Site Environmental Implementation Plans. These have been reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor.
Groundwater	GW3	1. Prior to commencement of shaft construction and prior to commencement of main works, develop and implement a Croundwater Management Plan (GWMP) for each Works Package detailing groundwater management approaches to address the predicted impacts to groundwater dependent values during construction and to ensure protection of groundwater dependent values.  2. The GWMP must be based on the detailed design phase groundwater model, and should include the following details: a) Approach to collection, treatment and disposal of groundwater dependent vegetation during periods of drawdown. b) Identifying and if necessary, specifying miligation measures to protect groundwater dependent vegetation during periods of drawdown. c) An approach is cellentified in consistation with the EPA on that contaminant migration causes no significant impacts on beneficial uses or vapour intrusion into underground structures, and establish appropriate monitoring networks to measure the effectiveness of the approach. c) Methods for minimising drawdown in areas of known PASS and establishing appropriate monitoring networks to measure the effectiveness of miligation. f) Groundwater drawdown trigger levels for groundwater dependent vegetation all miligation measures must be adopted. g) Design, operation and management of groundwater dependent values at which additional miligation measures must be adopted. g) Contingency measures should unexpected groundwater injection bore fields. The GWMP should also address MMRA's sustainability requirements where appropriate.	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Groundwater Management Plan with sels specific controls detailed in the precinct-specific Site Environmental Implementation Plans. This has been reviewed by the project's independent Reviewer and audited by the Independent Environmental Auditor.
Groundwater	GW4	1. Use the Groundwater Disposal Strategy and GWMP to obtain a Trade Waste Agreement with the relevant Water Retailers for groundwater disposal.	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Groundwater Management Plan with site specific controls detailed in the precinet-specific Site Environmental Implementation Plans. These plans set out the process for identifying and obtaining relevant approvals. CPP have obtained required Trade Waste Agreements for works at Anzac station. These plans have been reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor.
Groundwater	GW5	1. Prior to commencement of shaft construction and prior to commencement of main works, develop and implement a groundwater monitoring plan as part of the GWMP for each Works Package that details sufficient monitoring of groundwater elevels to verify that no significant impacts occur from potential:  a) Contaminant migration on the beneficial uses of groundwater at third party properties caused by drawdown or vapour intrusion to underground structures  b) Activation of PASS and groundwater acidification  c) Reduction in access to water for bore owners in the area around the Project  d) Reduction in access to water for bore owners in the area around the Project  d) Reduction in access to groundwater for trees – particularly in the Tunnels precinct between Town Hall and Domain stations, and the Town Hall station and eastern portal precincts  e) Change in injection rates in any existing recharge bores that may be present in the area around the Project.	Cross Yarra Parthership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Groundwater Management Plan with site specific controls detailed in the precinct-specific Site Environmental Implementation Plan. This has been reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor.
Land Use and Planning	LU1	1. Prior to commencement of relevant works, develop and implement a plan for construction and operation of the Project that has as its purpose minimising impacts on existing land uses during both early works and main works, including by:  a) Limiting the extent of any permanent change of use within existing qualic open space.  b) Minimising the optimist of construction sites and now permanent infrastructure which is to be located on public land.  c) Localing and designing all Project works to avoid, to the extent practicable, any temporary and permanent loss of public open space be maximise the re-instatement potential of that land.  c) Localing and designing all Project works to avoid, to the extent practicable, any temporary and permanent loss of public open spaces and recreational facilities and the users of these facilities, including (but not limited to); JJ Holland Park, University Square, the Melbourne City Baths, City Square, Federation Square, the Shrine of Remembrance and the Shrine Reserve. Domain Parkitands, Edmund Herring Memorial Oval, and the Albert Road Reserve.  g) Minimising the impacts to existing public poeps appear to the standard of the Albert Road Reserve.  g) Minimising the impacts to existing public poeps appear to the standard of the standard of the Albert Road Reserve.  g) Minimising the migration of the Albert Road Reserve.  g) Final Parkitands, Edmund Herring Memorial Oval, and the Albert Road Reserve.  g) Final Parkitands, Edmund Herring Memorial Oval, and the Albert Road Reserve.  g) Final Parkitands, Edmund Herring Memorial Oval, and the Albert Road Reserve.  g) Final Parkitands, Edmund Herring Memorial Oval, and the Albert Road Reserve.  g) Final Parkitands, Edmund Herring Memorial Oval, and the Albert Road Reserve.  g) Final Parkitands, Edmund Herring Memorial Oval, and the Albert Road Reserve.  g) Final Parkitands, Edmund Herring Memorial Oval, and the Albert Road Reserve.  g) Final Parkitands, Edmund Herring Memorial Oval, and the Albert Road Reserve.  g) Final Parkitands, Ed	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The sapect-specific control measures are identified in the Land Use Management Plan. This has been reviewed by the project's Independent Reviewers and audited by the Independent Environmental Auditor. Land use and planning, in particular the impact on existing land use, is addressed in Section 4.4.4 of the Domain Development Plan.
Land Use and Planning	LU2	1. Development of the Project must be generally in accordance with the relevant Open Space Master Plans (including but not limited to, the Domain Parklands, and University Square Master Plans and Chape ReVision Structure Plan), and be consistent with the Melbourne Metro Urban Design Strategy and EPR SC8 in designing and constructing above ground infrastructure for the tunnels. 2. Consultation must occur with land managers and/or agencies responsible for the implementation of the relevant Open Space Master Plans, including local councils and key stakeholders. The outputs must be consistent with EPR SC8.	The design of Domain Station has been considered in accordance with relevant Master Plans, this is addressed in Section 4.4.4 of the Domain Development Plan.
Land Use and Planning	LU3	1. Prior to commencement of relevant works, develop and implement a plan for the design and construction of Arten station that adopts an integrated approach to urban design and planning of the station and which is generally in accordance with the Vision and Framework Plan for Arden. This must include consultation with the Victorian Planning Authority. City of Melbourne and any other relevant agencies such as Melbourne Valer and the plan must be referred to the Urban Design and Architectural Ardice Plans (UDAAP).  2. The design must include integrated water sensitive urban design (EPR SW2) and management of the extent of flooding across the site.	Not relevant to Domain precinct. Addressed in the Arden Precinct Development Plan.



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Dissiplins	EDD Def	Environmental Protection Popularments	Development Plan Response
Discipline	LI'R REI	1. Prior to commencement of relevant works, develop and implement a plan in consultation with the Urban Design and	Development Prian in Nesponse The Development Prian in Nesponse The Development Prian and the design of the Anzac Station was developed in consultation with the UDAAP to ensure it meets the Urban Design Strategy. This is presented in Section 4.4.4 of the
Land Use and Planning	LU4	Architectural Advice Panel (UDAAP) to ensure the design of the Project meets the Melibourne Metro Urban Design Strategy and relevant planning schemes that considers: a) Permanent above ground structures. b) Temporary structures adopting principles of the Growing Green Guide 2014 including green walls, roofs and facades, where practicable. c) The MiNRA Creative Strategy. d) Wayfinding, signape and advertising for above ground elements of the Project. 2. The strategies must be developed in consultation with relevant local councils and land managers. (See EPR LV1).	Development Plan.
Landscape and visual	LV1	1. Prior to commencement of relevant works, develop and implement a plan for the design of permanent and temporary works, including temporary landscaping, in consultation with relevant local councils and the Office of Victorian Government Architect to comply with the Melbourne Metro Urban Design Strategy. Avoid or minimise, to the extent practicable, visual impacts in both duration and intensity on sensitive receptors, and heritage places, and maritaria broader landscapes character and heritage precinct values, perticularly in relevant sources. Proceedings of the process of the proces	Landscape and visual impacts at the Domain precinct are addressed in Section 4.4.5 of the Development Plan. The design of the Anzac Station is being addressed in consultation with the Office of the Victorian Government Architect, City of Melbourne and the City of Port Phillip.
Landscape and visual		1. Develop and implement a plan in consultation with the Office of Victorian Government Architect, local councils and other land managers to comply with the Melbourne Metro Urban Design Strategy to re establish and enhance public open space, recreation reserves and other valued places disturbed by temporary works. Some of these are heritage places and further consultation will be required. 2. The plan must house, but not be limited to, a methodogy and timeframe for storage, reinstatement or replacement of existing, public art, monuments and public infrastructure such as poles (including banner poles), bins, and other street furniture such as wayfinding signage (including signage hubs). 3. Where temporary works on public open space, recreation reserves and other valued places disturb trees in these locations, the plan must be consistent with measures proposed under plans and actions required under EPR AR1, AR2 and AR3 regarding reinstatement of trees. 4. The plan should include a timeframe for re establishment of public open space, recreation reserves and other valued places disturbed by temporary works and should also include exploring opportunities for renewal of public spaces for the benefit of communities beyond resident groups, including visitors, business owners and commuters.	
Landscape and visual	LV3	1. Pior to commencement of relevant works where temporary lighting is required, develop measures to minimise light spillage during construction to protect the amenity of adjacent neighbourhoods, parks and community facilities. Lighting for operation must be designed in accordance with council requirements and relevant standards.	Plan will be prepared prior to the operational phase of the Project. The aspect-specific control measures are identified in the Air Quality, Dust & Lighting Management Plan and the Urban Design Management Plan, which have all been reviewed by the projects independent Reviewer. The Independent Environmental Auditor has audited these plans, noting the Urban Design process is outlined in the Construction Environmental Management Plan.
Landscape and visual	LV4	<ol> <li>Develop and implement a plan to consider the use of temporary landscape and other temporary features or structures during construction. Temporary landscape treatments or features should be reused across the Project, where appropriate.</li> </ol>	Cross Yarra Partnership has implemented an Environmental Management System, and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Urban Design Management Plan, which has been reviewed by the project's Independent Reviewer. The Independent Environmental Auditor has audited these plans, noting the Urban Design process is outlined in the Construction Environmental Management Plan.
Noise and Vibration	NV1	<ol> <li>Manage construction noise in accordance with EPA Publication 1254 Noise Control Guidelines and as specified in the Construction Noise and Vibration Management Plan (CNVMP) prepared under EPR NV21. The CNVMP must not prescribe standards or practices which are less rigorous than recommended by EPA Publication 1254.</li> </ol>	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Noise and Vibration Management Plan with site specific controls detailed in the precinct-specific Site Environmental Implementation Plans. This has been reviewed by the project's independent Reviewer and audited by the independent Environmental Auditor.
Noise and Vibration	NV2	1. For construction works conducted between Town Hall station and Domain station, comply with the requirements of the Notification of Referral Decision for the Melbourne Metro Rail Project (EPBC 2015/78/94), dated 22 September 2015) under the EPBC Act for vibration monitoring and measurement, as follows: a) Conduct pre-construction dispidation surveys of the nearest Commonwealth Heritage listed structures to the construction activity, including the Former Guarchouse (Block B), to record structural condition and structure integrity prior to commencement of funnelling in geological conditions that are similar to those at Victoria Barracks in order to quantify the actual tunnel boring machine vibration characteristics (see level and requency) for comparison to the values derived from the literature and the German DNI (NDN 14/5) land by the commencement of tunnelling conditions that are similar to those at Victoria Barracks in order to quantify the actual tunnel boring machine vibration characteristics (see level and requency) for comparison to the values derived from the literature and the German DNI (NDN 14/5) land DNI (NDN 14/5) land to the construction activity, including the Former Guarchouse (B Block), to assess the actual tunnelling c) Conduct continuous vibration monitoring at the nearest Victoria Barracks heritage structures to the construction activity, including the Former Guarchouse (B Block), to assess the actual tunnelling vibration for accurate and the camera of tunnelling and conditions of structures. In the construction activity including the Former Guarchouse (B Block) shows measurements equivalent to preconstruction wibration readings at the Former Guarchouse (B Block).  If monitoring conducted according to the above demonstrates the condition of heritage structures may be degraded as a result of vibration, ground vibration must be reduced by adjusting the advance rate of the tunnel boring machine until monitoring of vibration at the Former Guarchouse (B Block). Other management actions to ensure	Cross Varia Patrhership has implemented an Environmental Management System, and prepared a Construction Environmental Management Plan. The sapect-specific control measures are identified in the Urban Design Management Plan, which has been reviewed by the project's independent Reviewer. The Independent Environmental Auditor has audited these plans, noting the Urban Design process is outlined in the Construction Environmental Management Plan.
Noise and Vibration	NV3	Noise and Vibration Modelling - Design  1. Prior to commencement of shaft construction and prior to commencement of main works, each Works Package contractor must appoint a suitably qualified acoustic and vibration consultant to predict construction noise and vibration (trough modelling) and update the modelling to reflect current construction methodology, site conditions and specific equipment noise and vibration levels (this will require noise and vibration measurements). The model is to be used to determine appropriate mitigation to achieve the EPRs.  2. The acoustic and vibration consultant must document the modelling and mitigation investigation in a Construction Noise and Vibration Assessment Report for review by the Independent Environmental 2. The acoustic data the basis for the development of the construction noise and vibration management plan required under EPR NV21.  3. The model must consider also to residential and not-residential receivers, ground-borne noise at residences, blasting vibration and ground-borne vibration.  (For heritage places see EPR CH24)	This Development Plan presents the built form of the Arden Station. Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Noise and Vibration Management Plan with site specific controls detailed in the precinct-specific Site Environmental Implementation Plans. These have been reviewed by the project's independent Reviewer and audited by the Independent Environmental Auditor.



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Discipline	EPR Ref	Environmental Protection Requirements	Development Plan Response
loise and		Noise and Vibration Monitoring - Construction  1. Prior to commencement of shall construction and prior to commencement of main works, each Works Package contractor must appoint a suitably qualified acoustic and vibration consultant to undertake noise and vibration monitoring.  2. The acoustic and vibration monitoring.  2. The acoustic and vibration fragets, appropriate management actions must be implemented as soon as possible.  3. The model developed during the Design Stage should be updated of Calibrated using the results of the noise and vibration monitoring to provide more accurate predictions of the noise and vibration monitoring to provide more accurate predictions of the noise and vibration monitoring to provide more accurate predictions of the noise and vibration monitoring to provide more accurate predictions of the noise and vibration monitoring to provide more accurate predictions of the noise and vibration monitoring to provide more accurate predictions of the noise and vibration monitoring to provide more accurate predictions of the noise and vibration monitoring to provide more accurate predictions of the noise and vibration monitoring to provide more accurate predictions of the noise and vibration monitoring to provide more accurate predictions of the noise and vibration monitoring to provide more accurate predictions of the noise and vibration monitoring to provide more accurate predictions of the noise and vibration monitoring to provide more accurate predictions of the noise and vibration monitoring to provide more accurate predictions of the noise and vibration monitoring to provide more accurate predictions of the noise and vibration monitoring to provide more accurate predictions of the noise and vibration monitoring to provide more accurate predictions.	Cross Years Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Noise and Vibration Management Plan with site specific controls detailed in the precinct-specific Site Environmental Implementation Plans. These plans have been reviewed by the project's independent Reviewer and audited by the Independent Environmental Auditor.
ibration	NV4	3. In emodel developed during the Design Stage should be updated / calibrated using the results of the noise and viteration monitoring to provide more accurate predictions of the noise and viteration levels associated with origing and future construction works. It may be appropriate to adjust management measures as a result of the more accurate predictions.  (For heritage places see EPR CH24).	
loise and libration	NV5	owners regarding potential noise and vibration impacts. The plan must include procedures for complaint management as per SC3. In developing the plan, consult with relevant local councils, EPA Victoria, the Parkville Precinct Reference Group and RMIT University and other precinct reference groups, as appropriate. (See EPRs SC4 and SC11).	Environmental Auditor.
Noise and Vibration	NV6	Airborne Construction Noise Guideline Targets (External)  I. Implement management actions if construction noise is predicted to or does exceed the Guideline Noise Levels at residential locations as specified in EPA Publication 1254.  See table in EPRs  Note  (1) During Normal Working Hours, the CNVMP must address noise levels that exceed the Management Levels specified in Table EPR NV21A.	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Noise and Vibration Management Plan with site specific controls detailed in the precinct-specific Site Environmental implementation Plans. This is reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor.
Noise and /ibration	NV7	Airborne Construction Noise Guideline Targets (internal)  1. Implement management actions if construction noise.  3. Implement management actions if construction noise.  3. Is predicted to or dose succed the internal noise levels below for Sensitive Areas (based on AS/NZS 2107.2000); and  3. Is predicted to or dose sensitive receptor within the Sensitive Area.  See EPR for table to exceed the internal noise levels above:  3. Consider the relevant ambient noise levels  3. Consider the relevant ambient noise levels  5. Consult with the owner or operator of the noise sensitive receptor  4) Consider any specific acoustic requirements of specialist space to determine whether a noise sensitive receptor within a Sensitive Area is adversely impacted and, if so, whether further management actions are required.  (See EPR NV21, subclause B).	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Noise and Vibration Management Plan with site specific controls detailed in the precinct-specific Site Environmental Implementation Plans. This is reviewed by the project's independent Reviewer and audited by the independent Environmental Auditor.
Noise and /ibration	NV8	Vibration Guideline Targets for Structures  1. Implement management actions if, due to construction activity, the following DIN 4150 Guideline Targets for structural damage to buildings (for short-term vibration or iong-term vibration) are not achieved.  See EPR for table NV8-1: Short-term vibration on structures  Notes  1) If it may be appropriate to modify the guideline targets for particular structures following the completion of pre-construction condition surveys.  2) At frequencies above 100 Hz, the values given in this column may be used as minimum values.  3) Wibration levels manginally exceeding the DIN4150 guideline targets in the table above would not necessarily result in damage to buildings and structures, but warrant further investigation to determine it higher vibration levels can be accommodated without risk of damage.  4) For ovel engineering structures (e.g. with reinforced concrete constructions used as abutiments or foundation pads) the DIN 4150 guideline targets for Type 1 buildings in the table above may be increased by a factor of 2.  3) Short-term vibration is defined as vibration which does not occur often enough to cause structural fatigue and which does not produce resonance in the structure being evaluated.  4) Where land owners agee, pre-construction condition surveys must be performed at all properties located within designated Project Area where It is predicted that DIN 4150 guideline targets will be exceeded.  3) See EPR for table NV8-2 Long-term vibration on structures  Notes  1) Vibration levels manginally exceeding those in the Table would not necessarily mean that damage would occur and further investigation would be required to determine if higher vibration levels can be accommodated without risk of damage.	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Noise and Vibration Management Plan with site specific controls detailed in the precinct-specific Site Environmental Implementation Plans. These has been reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor.
loise and libration	NV9	Vibration Guideline Targets for Above-ground Utility Assets and Infrastructure  1. Prior to commencement of relevant works, undertake condition assessments of above ground utility assets and infrastructure, including (but not limited to) the Arden Street Bridge and Princes Bridge, to establish constructure burstein timis in consultation with asset owners.  2. Monitor vibration during construction to demonstrate compliance with the relevant vibration guideline targets under NV8 or those agreed with the asset owners. Take remedial action if limits are not met. (See EPRs CH3 and CH24).	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Noise and Vibration Management Plan with site specific controls detailed in the precinct-specific Site Environmental Implementation Plans. These have been reviewed by the project's independent Reviewer and audited by the independent Environmental Auditor.
loise and libration	NV10	Vibration Guideline Targets for Below-ground Infrastructure  1. Prior to commencement of relevant works, undertake condition assessments of below-ground infrastructure, including (but not limited to) Swanston Street Brick Drain and Flinders Street Drain, to establish construction vibration targets with the asset owner.  2. Implement management actions if agreed construction vibration targets (or if no specific targets have been established the following DIN 4150 Guideline Targets for buried pipework/underground infrastructure) from construction are not achieved.  See EPR table  Notes  (1) The DIN 4150 Guideline Targets may be reduced by 50% when evaluating the effects of long-term vibration on buried pipework.  (2) The DIN 4150 Guideline Targets are based on the assumption that pipes have been manufactured and laid using current technology (however it is noted that this is not the case for the majority of buried pipework potentially affected by Melbourne Metro).  (3) Compliance with asset owner's Utility Standards is to be achieved.	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Noise and Vibration Management Plan with site specific controls detailed in the precinct-specific Site Environmental Implementation Plans. This is reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor.



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Discipline	EPR Ref	Environmental Protection Requirements	Development Plan Response
, doubling		Vibration Dose Values (VDVs) (Human Comfort) 1. Implement management actions if the following Guideline Targets (VDVs) (based on Table 1 in BS8472-1:2008) for continuous (as for TBMs and road headers), intermittent, or impulsive vibration are not achieved.  See EPR table	Cross Yarra Partnership has Implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Noise and Vibration Management Plan with site specific control detailed in the precinct-specific Site Environmental Implementation Plans. These have been reviewed by the project's independent Reviewer and audited by the Independent Environmental Auditor.
loise and libration	NV11	Notes (1) The Guideline Targets are non-mandatory; they are goals that should be sought to be achieved through the application of feasible and reasonable mitigation measures. If exceeded then management actions would be required. (2) The VDVs may be converted to PPVs within a future noise and vibration construction management plan under EPR NV21.	
Voise and /ibration	NV12	seastive Equipment Guideline Targets  I For Construction: Implement management actions (which may include source mitigation) if equipment manufacturer specifications, measured background levels or other agreed levels (after consultation with the affected organisation) whichever are higher, are expected to be or are exceeded for vibration sensitive equipment at the Parkville and State Library precincts.  2 For Operation: If the manufacturer's specification or measured background levels (whichever are higher or other agreed levels (after consultation and agreement from the affected organisation) are predicted to be exceeded, assess practicable mitigation to reduce the vibration levels to the relevant target.  3. Where equipment Murifacturer specifications are not available for vibration and the applicable ASHRAE Equipment Vibration Guideline Targets:  See EPR Table Notes  (1) Background vibration and noise must be measured in accordance with equipment environmental test requirements.  (2) Monitoring must be undertaken in accordance with equipment specifications to demonstrate compliance, and monitoring locations determined in consultation with operators of sensitive equipment (Sec.)  (3) The proponent may undertake consultation with the users and agree alternative Guideline Targets for Construction and/or Operation phases.  (4) Subject to being digwn the asset owner's consent, during the construction phase, a continuous monitoring program must be adopted (to the asset owner's agreement), with asset owner access to monitoring data using an alert with respect to a 'limit'	Cross Variar Pathreship has implemented an Environmental Management Pieur An Operational Environmental Management Pieur An Operational Environmental Management Pieur An Operational Environmental Management Pieur Annual Pieur A
loise and /ibration	NV13	Ground-borne (internal) Noise Guideline Targets for Amenity  1. Implement management actions as agreed with potentially affected and owners to protect amenity at residences, sleeping areas in hospital wards, student accommodation and hotel rooms where the following ground-borne noise Guideline Targets are exceeded during construction (See Table below based on NSW Interim Construction Noise Guidelines 2009) Implement management actions, as determined in consultation with potentially affected land owners, where ground-bone noise levels unreasonably limit usage in education institutions such as lecture the constructions. In EPRs for targets.  Notes  Notes  (2) The noise levels are assessed at the centre of the most affected habitable room.  (3) Management actions include exensive community consultation to determine acceptable level of disruption and provision of respite accommodation in some circumstances.  (4) The levels of the Night and Evening periods are shown to protect amenity and sleep. Alternative and day time targets may be determined in consultation with potentially affected non-residential users where ground-borne noise levels may reasonably limit the usage of the spaces (e.g. lecture the teatres).	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. An Operational Environmental Management Plan with the prepared prior to the operational phase of the Project. The aspect-specific control measures are identified in the Noise and Vibration Management Plan with site specific control detailed in the precinct-specific Site Environmental Implementation Plans. These are reviewed by the project's independent Reviewer and audited by the Independent Environmental Auditor.
Noise and /ibration	NV14	Blasting 1. Comply with Australian Standard AS2187.2-2006, Explosives -Storage and use Part 2 - Use of explosives for all blasting. 2. For intensive care wards, hospital wards, operating theatres, surgeries and Bio-resources and areas with vibration sensitive equipment which are not covered in AS2187.2-2006, agree a plan with facilities owners that: a) Avoids damage to twiration sensitive equipment. b) Minimises adverse impact on Sensitive Areas and limits adverse impacts on Bio-resources.	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. An Operational Environmental Management Plan with site specific control measures are identified in the Noise and Vibration Management Plan with site specific controls detailed in the precinct-specific Site Environmental Implementation Plans. These are reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor.
Noise and /ibration	NV15	Bio Resources and Sensitive Research  1. Implement management actions where the following guideline targets (based on Code of Practice for the Housing and Care of Laboratory, Mice and Rats – Department of Primary Industries, Victoria, 2004) are expected to far areas housing bio-resources: a) Background noise should be lest was 60 dls. (internal) and should be free of distinct tones. b) Short exposures should be lest was 61 dls. (internal) and should be free of distinct tones. c) Any alternative noise level agreed with the owner of the bio-resources. Notes  (1) The nominated levels are guideline targets for both construction and operation. (2) The levels above should take into consideration the limited frequency range associated with hearing for the Bio-resource under consideration. (3) Higher levels may be acceptable if it can be shown that the Bio resource under consideration is exposed to higher levels and is not adversely impacted by them. (4) Noise includes airborne and ground-borne noise at the sensitive receptors. (5) Consider the existing ambient noise levels when assessing predicted exceedences. (6) During the construction phase, a continuous monitoring program must be implemented in accordance with EPR NV21. (7) Consideration should be given to adopting a vibration limit in agreement with the MMRA and stakeholders.	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. An Operational Environmental Management Plan with site specific control measures are identified in the Noise and Vibration Management Plan with site specific control softailed in the precinct-specific Site Environmental Implementation Plans. These plans have been reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor.
Noise and /ibration	NV16	Noise and Vibration Modelling  1. Design Phase a) Appoint a suitably qualified acoustic and vibration consultant to predict and assess operational noise and vibration and determine practicable miligation measures necessary to achieve the EPRs. b) The acoustic and vibration consultant must prepare an Operation Noise and Vibration Report for review by the Independent Environmental Auditor, which documents the predictions and miligation measures. 3. Commissioning / Operation a) Appoint a suitably qualified acoustic and vibration consultant to undertake commissioning noise and vibration measurements to assess levels with respect to the EPRs.	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. An Operational Environmental Management Plan with site specific control measures are identified in the Noise and Vibration Management Plan with site specific controls detailed in the precinct-specific Site Environmental Implementation Plans. These plans have been reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor.



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	FPR Rof	Environmental Protection Requirements	Development Plan Response
-		Victorian Passenger Rail Infrastructure Noise Policy (PRINP)	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. An Operational Environmental Management
		1. Avoid, minimise or mitigate rail noise where the following PRINP (April 2013) Investigation Thresholds are exceeded during operation:	Plan will be prepared prior to the operational phase of the Project. The aspect-specific control measures are identified in the Noise and Vibration Management Plan with site specific controls
		See table in EPRs for targets	detailed in the precinct-specific Site Environmental Implementation Plans. These plans have been reviewed by the project's Independent Reviewer and audited by the Independent Environmental
		Notes (1) If an investigation shows that the Investigation Thresholds are not exceeded, then no further action is considered under the PRINP.	Auditor.
		(1) if an investigation shows that the investigation rimestructure are investigation shows that the investigation rimestructure are not exceeded, their in builder action is considered under the PRINT.  (2) The barrier thresholds of the PRINP are to be used as the design targets for the barrier heights and conflouration.	
		(3) If the Investigation Thresholds cannot be achieved with the installation of barriers or other on-reservation treatment then off-reservation treatment such as upgrades to residential building facades	
Noise and Vibration	NV17	must be considered. Such	
vibration		treatments should be designed to meet the following internal noise levels where practicable to do so and subject to landowner consent:	
		a. Maximum noise levels of trains should not exceed 50 dB LAMax in bedrooms.	
		b. Maximum noise level of trains should not exceed 60 dB LAMAx in living areas.  (4) LAmax, is defined as maximum A-weighted sound pressure level and is the 95 percentile of the highest value of the A-weighed sound pressure level reached within the day or night	
		(5) For Melbourne Metro the location of assessment is at 1 m from the centre of the window of the most exposed external facade.	
		, y	
		Noise from Fixed Plant	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. An Operational Environmental Management Plan
		Noise from Fixed Plant 1. For operation, noise from fixed plant associated with Melbourne Metro must:	Gloss fait is definitionable in the implemented an environmental wailingtened and interest a consistency of the control mental wailingtened in the Noise and Vibration Management Plan with site specific control detailed in the Noise and Vibration Management Plan with site specific control detailed in the Noise and Vibration Management Plan with site specific controls detailed in
		a) Comply with State Environment Protection Policy (Control of Noise from Commerce, Industry and Trade) No. N-1 (SEPP N-1).	the precinct-specific Site Environmental Implementation Plans. These plans have been reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor.
		b) Where SEPP N-1 does not apply, comply with the internal Satisfactory Recommended Design Sound Levels as defined in AS/NZS 2107 for the following sensitive areas:	
		i Teaching spaces	
		ii Laboratories iii Conference rooms	
		ill Conterence rooms	
		W Luis Rudios W Music Studios	
Noise and	NV18	vi Operating Theatres / Surgeries	
Vibration	144.10	vii Wards / Recliners	
		viii Performance spaces / Galleries Ix Places of worship	
		IX Practises of working.  If the existing internal background noise level within any of the above areas exceeds the Maximum Recommended Design Sound Level in AS/NZS 2107, then noise from the fixed plant associated with	
		the Melbourne Metro Project must not exceed the existing background levels within these spaces at the commencement of operation.	
		3. This does not apply to noise generated by trains and/or trams.	
		Ground-borne Noise Guideline Targets for Operation	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. An Operational Environmental Management Plan
		I. Where operational ground-borne noise Guideline Target levels, as shown in the table below (based on NSW EPA Rail Infrastructure Noise Guideline, May 2013), are exceeded for a sensitive land use,	will be prepared prior to the operational phase of the Project. The aspect-specific control measures are identified in the Noise and Vibration Management Plan with site specific control measures are identified in the Noise and Vibration Management Plan with site specific control measures are identified in the Noise and Vibration Management Plan with site specific control measures are identified in the Noise and Vibration Management Plan with site specific control measures are identified in the Noise and Vibration Management Plan with site specific control measures are identified in the Noise and Vibration Management Plan with site specific control measures are identified in the Noise and Vibration Management Plan with site specific control measures are identified in the Noise and Vibration Management Plan with site specific control measures are identified in the Noise and Vibration Management Plan with site specific control measures are identified in the Noise and Vibration Management Plan with site specific control measures are identified in the Noise and Vibration Management Plan with site specific control measures are identified in the Noise and Vibration Management Plan with site specific control measures are identified in the Noise and Vibration Management Plan with site specific control measures are identified in the Noise and Vibration Management Plan with site specific control measures are identified in the Noise and Vibration Management Plan with site specific control measures are identified in the Noise and Vibration Management Plan with site specific control measures are identified in the Noise and Vibration Management Plan with site specific control measures are identified in the Noise and Vibration Management Plan with site specific control measures are identified in the Noise and Vibration Management Plan with site specific control measures are identified in the Noise and Vibration Management Plan with site specific control measures are identified in the Noise and Vibration Management Plan with si
		assess and implement practicable mitigation to reduce the noise level so that it either meets or achieves noise levels as close as practicable to the Guideline Target.	the precinct-specific Site Environmental Implementation Plans. These plans have been reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor.
		See table in EPR for trigger levels.	
Noise and	NV19	Notes	
Vibration	NV19	(1) Specified noise levels refer to noise from heavy or light rail transportation only (not ambient noise from other sources). (2) Assessment location is internal near to the centre of the most affected habitable room.	
		(2) Assessinal location is internal near to the center or the misst alrected traditional region of the control of the maximum noise level not exceeded for 5% of the rail pass-by events.	
		(4) For schools, educational institutions, places of worship the lower value of the range is most applicable where low internal noise levels is expected.	
		(5) The values for performing arts spaces may need to be reassessed to address the specific requirements of a venue.	
		Vibration Guideline Targets for Operation	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. An Operational Environmental Management Plan
		1. During operation, achieve the following guideline targets (based on Table 1 in BS6472-1:2008) or background levels (whichever is higher) for vibration as follows: See EPR for table	will be prepared prior to the operational phase of the Project. The aspect-specific control measures are identified in the Noise and Vibration Management Plan with site specific controls detailed in the precinct-specific Site Environmental Implementation Plans. These plans are reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor.
Noise and		See EPK for table Notes	the precinc-specine one Environmental implementation rians. These plans are reviewed by the project's independent Reviewer and addition by the independent Environmental Addition.
Vibration	NV20	(1) The Guideline Targets are non-mandatory; they are goals that should be sought to be achieved through the application of feasible	
		and reasonable mitigation measures.	
		(2) Compliance with these values implies no structural damage due to operation.	
		Construction Noise and Vibration Management Plan	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. An Operational Environmental Management
		1. Prior to commencement of project works, each Works Package contractor must develop and implement a Construction Noise and Vibration Management Plan (CNVMP) in consultation with EPA	Plan will be prepared prior to the operational phase of the Project. The aspect-specific control measures are identified in the Noise and Vibration Management Plan with site specific controls
		Victoria and the relevant councils. The CNVMP must comply with and address Noise and Vibration EPRs, be informed by the modelling undertaken by the acoustic and vibration consultant in accordance with EPR NV3 and must include (but not be limited to):	
		win EFK NV3 and must include (but not be limited to);  a) Identification of sensitive receivers along Melbourne Metro's alignment.	Auditor.
		b) Details of construction activities and an indicative schedule for construction works, including the identification of key noise and/or vibration generating construction activities (based on representative	
		construction scenarios, including at ancillary facilities) that have the potential to generate noise and/or vibration impacts on surrounding sensitive receivers.	
		2. The CNVMP must include the following:	
		A. Aithorne Noise Management Levels during Normal Working Hours A1. The CVMMP must adopt daytime Management Levels for airborne noise at residences during Normal Working Hours (as defined in EPR NV6) in accordance with Table NV21-A. The Management	
Noise and	NV21	A1. THE UNINF MUST adopt daytime wanagement Levies for a informen lose at residences during wormal working Hours (as defined in EFR NVO) in accordance with Table NV2.1-A. The wanagement Levies for a first information and the NV2.1-A is not a notise limit for target, but represents noise levels above which community reaction may be adverse and which should trigger management actions to minimize the noise	
Vibration		impact.	
		See EPR for table NV21-A Airborne Noise Management Levels during Normal Working Hours	
		Note  (1) Outside of Nermal Working Mayor the Cuideline Note Levels in NUS Authirh are adopted from EDA Dublication 4354) anniv	
		(1) Outside of Normal Working Hours, the Guideline Noise Levels in NVS (which are adopted from EPA Publication 1254) apply.  (2) Noise levels based on the NSW Interim Construction Noise Guidelines 2009.	
		(2) rices leves beaution the Management Levels shown in Table NV21-A, the Guideline Targets shown in EPRs NV6 and NV7 are to be adopted and addressed in the CNVMP.	



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Date: 10/08/2022

Approver: Mat Peel

Discipline	EPR Ref	Environmental Protection Requirements	Development Plan Response
Noise and Vibration	NV21	B. Altorne Noise Mitigation Measures B1. Identification of reasonable and practicable measures to be implemented to manage construction noise impacts in accordance with: IEPA publication 1254 Noise Control Guidelines I NSW INOR (excluding Part 5, and Part 7.21 which relates to pre-approval documentation relevant to NSW) and TINSW Construction Noise Strategy (but with Section 7 construction hours as per IEPA 1254 as shown in EPR NV6). B2. Any management actions to be implemented if predicted noise levels exceed, for an extended period of time, the guideline targets specified in EPRs NV6 or NV7 or the Management Levels in Table NV21-A. S3. Measures to be implemented in accordance with the MMRA Residential impact Mitigation Guidelines including (but not limited to) mitigation measures for out of hours works (including unavoidable works) where predicted noise levels exceed the value in guideline rategate to those specified in ERNs. NV or NV10 deemed necessary and/or appropriate to protect the structural integrity of structures based on C4. Identification of surveys, undertaken in accordance with C1424. GMM and NV0 (or as otherwise required to assess the impact of vibration on structures along the alignment).  IVibration guideline targets for structures specified in or otherwise determined in accordance with the:  IVibration guideline targets for structures specified in or otherwise determined in accordance with the TRR NV9  II **Construction** Vibration** (including the properties of the pro	Cross Yarne Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. An Operational Environmental Management Plan will be prepared prior to the operational phase of the Project. The aspectape-crite control measures are identified in the Not advisation Management Plan with site specific controls detailed in the precinct-specific Site Environmental Implementation Plans. These plans have been reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor.
Noise and Vibration	NV21	D. Vibration and Ground-borne Noise: Human Comfort D. Identification of reasonable and practicable measures to be implemented to manage construction vibration and ground borne noise impacts in accordance with the: InVibration dose values for human comfort specified in EPR NY11 (which may be expressed as peak particle velocity rates for the purposes of the CVMMP). D. Any management actions to be implemented if predicted vibration or ground-borne noise levels exceed, for an extended period fine, the guideline targets identified in EPRs NY11 or NY13. D. Any management actions to be implemented if predicted vibration or ground-borne noise levels exceed, for an extended period fine, the guideline targets identified in EPRs NY11 or NY13. D. Any management actions to be implemented if predicted vibration or ground-borne noise construction targets specified in the Residential Impact Mitigation Guidelines including (but not limited to) mitigation measures for out of hours works (including unavoidable works) where ground-borne noise levels are predicted to exceed the ground-borne noise construction targets specified in the Residential Impact Mitigation Guidelines. E. I identification of reasonable and practicable measures, to be determined following consultation with the Parkville Precinct Reference Group and RMIT University, to be implemented to manage construction to theriton and ground-borne noise invalves the production of ground-borne noise levels exceed the guideline targets identified in EPRs NV12 or NV15. E. Any measures to be implemented if predicted vibration or ground-borne noise levels exceed the guideline targets identified in EPRs NV12 or NV15. F. Blasting F. I. If blasting is proposed, an assessment of the potential noise and vibration impacts associated with blasting activities, and the identification of measures to ensure compliance with Australian Standard F. Any measures to be implemented in acco	Cross Yarn Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Environmental Management Plan will be prepared prior to the operational phase of the Project. The aspectapective control measures are identified in the Noise and Vibration Management Plan with its specific controls detailed in the precinct-specific Site Environmental Implementation Plans. These plans have been reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor.
Noise and Vibration	NV21	G. Community Consultation G1. Details of all community consultation measures to be implemented in accordance with NV5 and SC3 including: I Any precinct-specific community consultation measures; and if The establishment of measures concerning complaints management. I Haulage H1. Operational procedures and controls that minimise truck noise, including, but not limited to, consideration of the following: I Where reasonable and practicable, limit heavy construction vehicle movements to Normal Working Hours (as defined by the EPA) providing this limitation does not include vehicles essential to maintaining construction operations if Where practicables, elect traffic routes to limit the amount of accelerating and braking, prioritise routes with existing heavy vehicle usage where possible, and avoid local roads (e.g. residential streets), particularly for 24- hour activities ii Instal in one give traking signs on designated routes W Ensure trucks are fitted with mufflers that comply with the original equipment manufacturer specifications and relevant EPA in-service noise requirements V Ensure trucks are fitted with mufflers that comply with the original equipment manufacturer specifications and relevant EPA in-service noise requirements V Ensure trucks are fitted with mufflers that comply with the original equipment manufacturer specifications and relevant EPA in-service noise requirements V Ensure trucks are fitted with mufflers that comply with the original equipment manufacturer specifications and relevant EPA in-service noise requirements V Ensure trucks are fitted with mufflers that comply with the original equipment manufacturer specifications and relevant EPA in-service noise requirements V Ensure trucks are fitted with mufflers that comply with the original equipment manufacturer specifications and relevant EPA in-service noise requirements V Ensure trucks are fitted with mufflers that comply with the original equipment manufacturer specifications and relevant EPA in-service noise requirements V Ensure trucks	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. An Operational Environmental Management Plan will be prepared prior to the operational phase of the Project. The aspect-specific control measures are identified in the Noise and Vibration Management Plan and Construction Noise and Vibration Communications Management Plans. The specific controls are detailed in the precinct-specific Site Environmental Implementation Plans. These plans will be reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor.



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iscipline	EPR Ref	Environmental Protection Requirements	Development Plan Response
oise and ibration	NV21	I Mechanisms to ensure effective monitoring of noise and vibration associated with construction in accordance with EPR NV4, including:  I Mechanisms to ensure effective monitoring of noise and vibration associated with construction levels, including details of the parameters to be obtained, the measurement equipment, and relevant standards to be adhered to for the collection and analysis of data is assained as to be adhered to for the collection and inspired size of the collection and inspired profess. Whether determined separating distance or ground conditions, and the duration of monitoring periods in Specific measures, to be determined following consultation with relevant stakeholders, with respect to sensitive equipment and biological resources (which must, where practicable, include continuous monitoring during construction).  I have to results of monitoring would be recorded, reported, and interpreted.  J. The following Unavoidable Works may need to be undertaken outside of Normal Working Hours:  I The delivery of oversized plant or structures that police or other authorities determine require special arrangements to transport along public roads  ii Emergency work to avoid the loss of life or damage to property, or to prevent environmental harm ill Maintenance and repair of public infrastructure where disruption to essential services and/or considerations of worker safety do not allow work within standard hours in Tunnelling works including mined exacasition elements and the activities that are required to support tunnelling works including mined exacasition elements and the activities that are required to support tunnelling works (i.e. spoil treatment facilities)  Vial Coucuplations or works that would cause a major traffic hazard  Vial Coucuplation of diphragmy walls.  Just the contractive of the properties o	Coss Yurn Pattership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. An Operational Plans of the Project. In a super-to-protect of the Operational Plans of the Project. In a super-to-protect of the Operation Plans are of the Operation Noise and Whation Management Plan and Construction Noise and Whation Communications Management Plan Site specific controls are detailed in the precinct-specific Site Environmental Implementation Plans. These plans have been reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor.
ocial and ommunity	SC1	1. Reduce as far as is practicable the disruption to residences from direct acquisition or temporary occupation through measures such as: a) Using a case management approach for all Project infractions with Mirected landowners b) Appointing a social worker, buyers' advocate or equivatent to assist households with special needs to manage the transition c) Taking into account relative vulnerability and special needs of occupants d) Purchasing properties early when supported by the landowner.	Disruption to residences from direct acquisition or temporary occupation and measures to reduce disruption is managed by RPV.
ocial and ommunity	SC2	1. Prior to commencement of relevant works in areas affected, develop a relocation management framework that responds to the Residential Impact Mitigation Guidelines to ensure a consistent approach across he Project for the voluntary (temporary) relocation of households subject to:  all construction activities likely to unduly affect their amenity (e.g. out of hours works or sustained loss of amenity during the day for residences with special circumstances such as shift workers) b) Loss of access.	Cross Yarra Partnership has implemented an Environmental Management System and prepared a Construction Environmental Management Plan. The aspect-specific control measures are identified in the Communications and Stakeholder Engagement Management Plan including the Business Disruption Plan, Relocation Management Framework and Special Events sub-plan. These plans have been reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor.
ocial and ommunity	SC3	Community and Stakeholder Engagement Management Framework (CSEMF)  1. MMRA must develop a Community and Stakeholder Engagement Framework to builtine the principles and approach to advising key stakeholders and other potentially affected stakeholders across the Project of the construction activities.  a) The CSEMF will cover all stages of work including early works and mains works for all contract works packages.  b) The CSEMF will inform the CSEMP prepared by each contract works package.  2. The CSEMF must provide for any interested stakeholder to be able to register their contact details to the Project webpage to ensure they are included and automatically advised of planned construction activities. Project progress, mitigation measures and intended reinstatement measures where applicable.  3. The CSEMF must document a complaints management process in accordance with EPR EMF4.  4. The CSEMF must be approved by the Minister for Planning prior to the commencement of early works.	The Community and Stakeholder Engagement Management Framework has been prepared by RPV and will be implemented where required, during construction works. The Community and Stakeholder Management Framework has informed the Communications and Stakeholder Engagement Management Plan, and has been reviewed by the project's Independent Reviewer. Thesplans have also been audited by the Independent Environmental Auditor.
ocial and ommunity	SC4	Community and Stakeholder Engagement Management Plan (CSEMP)  1. Prior to the commencement of Project works, each works package contractor must develop and implement a Community and Stakeholder Engagement Management Plan (CSEMP) in accordance with the CSEMF, to engage potentially affected stakeholders individually or through groups such as the Precinct Reference Groups. The CSEMP should advise potentially affected stakeholders of the planned construction activities, Project progress, miligation measures and intended reinstatement measures where applicable.  2. The CSEMP should integrate all Project activities that potentially impact on community and business operations as well as provide for and direct a well coordinated communication and engagement process. The plan must include: a) Measures for minimise impacts to the development and/or operation of existing facilities including ensuring replacement power, network or other utility services are provided, if necessary and where practicable, where any disruption to such service is likely. b) Measures for providing advances induced or significant inflestores, changed traffic conditions, interruptions to utility services, changed access and parking conditions, periods of predicted high noise and of providing advances included and services are provided, if necessary and where practicable, where any disruption to such service is likely. b) Measures for communicating the design of and results from envircommental monitoring programs (e.g., wbration, noise, dust, ground movement). d) Process for informing landowners about pre-condition propenty surveys, as stated in EPPs CMM and NNS). e) Process for registering, managing and resolving complaints consistent with Australias Tisker CMM and NNS). f) Process for registering, managing and resolving complaints consistent with Australias Tisker CMM and ANSI. f) Process for registering, managing and resolving complaints consistent with Australias Tisker CMM and ANSI. f) Process for registering, managing and resolving complaints	Cross Yarn Partners highas prepared a Communications and Stakeholder Engagement Management Plan, including the Business Disruption Plan, Relocation Management Framework and Special Events sub-plan. These plans have been reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor.



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		Date	: 10/08/2022
Discipline	FPR Rof	Environmental Protection Requirements	Development Plan Response
Social and Community	SC5	1. Prior to commencement of shaft construction, work with the City of Melbourne to identify if there are any suitable areas for use as alternative public open space, incorporating vegetation, and establish for community use during the construction phase to minimise the impacts of loss of the City Square.	This is not relevant to the Domain precinct. Refer to the Town Hall Precinct Development Plan.
Social and Community	SC6	<ol> <li>Work with relevant local councils to plan for and coordinate with key stakeholders during major public events. This should include, but not be limited to:         <ul> <li>a) Timely provision of construction schedules to allow for appropriate event planning.</li> <li>b) Timely notification of schedule changes that may impact upon major public events.</li> <li>c) Consideration of appropriate alternative sites and routes for events and parades.</li> </ul> </li> </ol>	Cross Yarra Partners hip has prepared a Communications and Stakeholder Engagement Management Plan, which include sub-plans, such as Special Events sub-plan. These plans have been reviewed by the project's independent Reviewer and audited by the Independent Environmental Auditor.
Social and Community	SC7	1. In consultation with the relevant local councils, develop a relocation strategy for sports clubs and other formal users of directly impacted recreational facilities. This strategy should aim to identify available local alternative facilities for formal recreational users displaced from recreational facilities by the Project. This strategy should avoid displacing existing users at alternative facilities and provide adequate notification to club to minimise the impact of relocation.	This is not relevant to the Domain Precinct Development Plan. CYP are not occupying any sports clubs or recreational facilities for construction works.
Social and Community	SC8	Includers Strategy, relevant statutory approvals and other relevant requirements.  In Improve community access to open or recreational space within the CBD by identifying potential opportunities to return as much land as possible used for construction to permanent public open space at City Square and Federation Square  15 (Square and Federation Square)  15 (Re-establish is liste impacted by construction works, to be generally in accordance with adopted open space master plans, and conservation management plans (where appropriate), including (but not limited bi).  16 (Childres Street, Kensington  18 (Royal Parade and Grattan Street, Parkville  16 (Victor Square)  17 (Vederation Square)  18 (Vederation Square)  19 (Vederation Square)  19 (Vederation Square)  10 (Vederation Square)  10 (Vederation Square)  10 (Vederation Square)  10 (Vederation Square)  11 (Vederation Square)  12 (Vederation Square)  13 (Vederation Square)  14 (Vederation Square)  15 (Vederation Square)  16 (Vederation Square)  17 (Vederation Square)  18 (Vederation Square)  19 (Vederation Square)  19 (Vederation Square)  10 (Vederation Square)  10 (Vederation Square)  10 (Vederation Square)  11 (Vederation Square)  12 (Vederation Square)  13 (Vederation Square)  14 (Vederation Square)  15 (Vederation Square)  16 (Vederation Square)  17 (Vederation Square)  18 (Vederation Square)  19 (Vederation Square)  19 (Vederation Square)  10 (Vederation Square)  10 (Vederation Square)  11 (Vederation Square)  12 (Vederation Square)  13 (Vederation Square)  14 (Vederation Square)  15 (Vederation Square)  16 (Vederation Square)  17 (Vederation Square)	Public open space at Domain precinct is addressed in Section 4.4.6 of the Development Plan.
Social and Community	SC9	1. In consultation with the City of Melbourne, develop a plan to utilise part of the Franklin Street road reserve for public open space post-construction. Plans must be in accordance with the Melbourne Metro Urban Design Strategy.	Not relevant to Domain precinct. Addressed in the State Library Precinct Development Plan.
Social and Community	SC10	1. Prior to commencement of relevant words, provide written notice to adjoining landholders of any works to be carried out in a precinct. Such notice must advise of the works to be undertaken, the duration of those works, what local impacts might occur and contact details for further information.	Coss Yara Partners hights prepared a Communications and Stakeholder Engagement Management Plan. These plans have been reviewed by the project's Independent Reviewer and audited by the Independent Environmental Auditor.
Social and Community	SC11	1. Prior to commencement of relevant works, establish a Parkville Reference Group comprising an independent chair, relevant government agencies including MMRA, PTV/ DEDJTR (Transport), VicRoads, the Victorian Department of Health and Human Services, Ambulance Victoria, Yarra Trams, and key institutions in the Parkville Precinct as detailed in MMRA Technical Note 044 Parkville Precinct Reference Group (19 August 2016) document number 21 and tabled 22 August 2016.	Not relevant to Domain precinct. Addressed in Parkville Precinct Development Plan.
Social and Community	SC12	<ol> <li>In addition to EPR SC11, MMRA to establish Precinct Reference Groups as required for all other Project precincts, which collectively provide for representation of interested and relevant stakeholders.</li> <li>These groups should be configured in a way that broadly satisfies the recommendation in the Minister's Assessment and which also allows each Group to function coherently and effectively. Each Precinct Reference Group should have an independent chair.</li> </ol>	RPV has established the Domain Community Reference Group, which has been consulted on the design development and the Development Plan and construction phase of the Project.
Surface Water	SW1	1. Prior to commencement of relevant works, for all Precincts (with the exception of the western turnback) design permanent and temporary works and, if necessary, develop and implement emergency floods management measures for the turners, turned portals, access shafts, station entrances and Arden electrical substation to provide appropriate protection against floodwaters and overland stormwater floors.  2. The design of these works must be informed by a flood immunity risk assessment that considers a range of events, and to the requirements and satisfaction of Melbourne Water and/or the relevant council.  3. The flood immunity risk assessment referred to above must address all portal areas (or other flood entry points) for the existing Melbourne Underground Rail Loop, or similar secondary infrastructure terms that may allow for flood entry hito the Project.	Flood design and water sensitive urban design for the Domain precinct is addressed in Section 4.4.7 of the Development Plan.
Surface Water	SW2	1. For all precincts, to the satisfaction of the responsible waterway management authority: a) Understate modelling of the design of permanent and temporary works to demonstrate the resultant flood levels and risk profile b) Maintain existing flood plain storage capacity potentially impacted by the Project Contrates that permanent and associated temporary construction works do not increase flood levels to result in additional flood risk Contrates that permanent and associated temporary constructions works do not increase flood levels to result in additional flood risk Contrates that permanent and associated temporary works do not increase flow velocities that would potentially affect the stability of property, structures or assets, and/or result in erosion during operation or entitlection construction constructio	Flood design and water sensitive urban design for the Domain precinct is addressed in Section 4.4.7 of the Development Plan.
Transport	T1	Traffic and Transport Working Group  1. MIMRA must establish and maintain a Traffic and Transport Working Group (TTWG), working under a terms of reference determined by MMRA, and comprising relevant representatives from MMRA.  2. The TTM VF intersport, not management authorities, relevant councils, relevant public transport providers and other relevant agencies as required.  2. The TTM VF intersport, not management plans of the very selected providing feedback on:  3) Transport management plans of the very selected providing feedback on:  3) Transport management plans of the very selected providing feedback on:  5) Relevant designs and methodologies for monitoring implementation of transport management plans.  c) Transport modelling and proposed transport network upgrades to miligate the transport effects of constructing the Project.  3. The TTMG must also:  a) Invited other key affected stakeholders to present or attend where matters specific to those stakeholders in the relevant precincts are being discussed or addressed, carried out consistent with the Community and Stakeholder Engagement Management Plans under EPR SC4:  b) Provide feedback to the key affected stakeholders on how their comments or matters of interest or concern are addressed in transport management plans; and c) Advise those key affected stakeholders or how their comments or matters of interest or concern are addressed in transport management plans; and c) Advise those key affected stakeholders or how their comments or matters of interest or concern are addressed in transport management plans; and c) Advise those key affected stakeholders or how their comments or matters of interest or concern are addressed in transport management plans; and c) Advise those key affected stakeholders or how their comments or matters of interest or concern are addressed in transport management plans; and c) Advise those key affected stakeholders or how their comments or matters of interest or concern are addressed in transport management plans; and c) Advise t	A Traffic and Transport Working Group (TTWG) has been established (by RPV) and includes the listed stakeholders. The TTWG is operating in accordance with the terms of reference determined by RPV and as per EPR T1.



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Discipline	EPR Ref	Environmental Protection Requirements	Development Plan Response
Transport	Т2	Transport Management Plans  1. Prior to commencement of relevant works, each Works Package contractor must develop a transport management plan(s) in consultation with the Traffic and Transport Working Group and implement the plan(s) to minimise disruption to affected local land uses, traffic, car parking, on road public transport, pedestrian and bicycle movements and existing public facilities during all stages of construction.  2. The transport management plan(s) must be prepared for each precinct, and also be coordinated across the whole Project to provide an overall transport management plan for the Project.  3. The transport management plan(s) must be informed and supported by an appropriate level of transport modelling, as agreed by the TTWG, and must include, but not be limited, to:  3. The transport management plan(s) must be informed and supported by an appropriate level of transport modelling, as agreed by the TTWG, and must include, but not be limited, to:  1 iChildres Street, Tennyson Street and Lloyd Street, Kensington.  2 iArden Street, Langford Street and Lacid Lacid Excitations and Lacid Lacid Excitations and Lacid Lacid Excitations and Lacid Lacid Excitations and Lacid Lacid Lacid Excitations and Lacid Laci	
Transport	ТЗ	Road Transport (Construction Phase)  1. Road Network Management: As appropriate, transport management plan(s) must include/address the following issues:  1. Road Network Management: As appropriate, transport management plan(s) must include/address the following issues:  1. Road Network Management: As appropriate, transport management plan(s) must include/address the following issues:  1. Road Network Management: As appropriate, transport management plan(s) must include/address the following issues:  1. Provision for how-way traffic on SI Klida Road through the construction period within the Domain station precinct.  2. Domain Road should be keep loop from the east up to the existing partnance of Edmund Herring Memorial Oval, with provision for a local turnaround.  3. Develop and implement Network Enhancement Projects (NEPs) in consultation with the TTMC for locations including, but not limited, to:  1. College Crescent, Calebriuse Street, Cemelery Road and other east west roads in the TTMC for locations including, but not limited, to:  1. College Crescent, Calebriuse Street, Cemelery Road and other erast west roads in the TTMC for locations including, but not limited, to:  1. College Crescent, Calebriuse Street, Cemelery Road and other erast vest roads in the TTMC for locations including, but not limited, to:  1. College Crescent, Calebrius Street, Cemelery Road and other creads and intersections to accommodate traffic that may use these roads as a result of the St Rida Road lane reduction for Domain station construction.  1. These NEPs should have the objective of balancing impacts across the transport network and must consider the VicRoads Road Users Hierarchy principles set out in SmartRoads to ensure the needs of vehicle transport management plan(s) must include/address the VicRoads Road Users Hierarchy principles set out in SmartRoads to ensure the needs of vehicle transport management plan(s) must include/address the VicRoads Road Users Hierarchy principles set out in SmartRoads to ensure the needs of veh	Cross Yarm Partners hip has prepared a Transport Management Plan (including relevant sub-plans, such as the Precinct Transport Management Plan and Worksite Traffic Management Plans), which have been reviewed by the project's Independent Reviewer. These plans have also been audited by the Independent Environmental Auditor.
Transport	тз	Approved truck routes in the Arden precinct must not include the use of Miller Street, North Melbourne.  b) Provision of construction whiche staging areas and/or construction methodologies to minimise the potential impacts of truck call-forward options on residents and businesses.  c) Special arrangements for delivery or removal of large loads.  3. Parking. As appropriate, transport management plan(s) must include/address the following issues:  a) Provision of alternative parking where possible to replace public and commuter parking lots from West Footscray Station, Childers Street, Laurens Street, Grattan Street, Domain Road, St Kilda Road and Albert Road during construction and preventing parking at undesignated locations on local resogniturity.  C) Provision of studies alternative parking and associated facilities to replace private parking and facilities lost prices private parking and facilities lost private parking is to be replaced or reinstated at the earliest Opportunity.  d) A parking management plan prepared in consultation with and approved by the relevant road authority to manage parking in and around the construction zones. The plan must: Include parking controls to support other relevant EPR requirements.  Il Midminise impacts on existing users, particularly those with special needs.  It is provided a subtated to support of the relevant EPR requirements.  It is defined to private the private parking in Sevantors Teverand Telinears Lane to the satisfaction of Victoria Police.  Il Minimise impacts on existing users, particularly those with special needs.  It is private parking	Cross Yarra Partnership has prepared a Transport Management Plan (including relevant sub-plans, such as the Precinct Transport Management Plan and Worksite Traffic Management Plans), which have been reviewed by the project's Independent Reviewer. These plans have also been audited by the Independent Environmental Auditor.



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Discipline	EPR Ref	Environmental Protection Requirements	Development Plan Response
Transport	T4	Public Transport (Construction Phase)  1. Prior to commonement of relevant works, develop and implement a plan for occupying railway land and tracks at the western portal, eastern portal and western turnback that minimises the disruption to railway services during construction. The plan must be developed to the satisfaction of VicTrack, PTV, DEDJTR (transport) and MTM, a relevant.  2. In consultation with the TTWG, provide suitable routes for pedestrians to maintain connectivity where access is altered by the reaccess is altered by the reproduction, the provide suitable routes for generally.  3. In consultation with the TTWG, investigate and implement intersection modifications where practicable, including public transport prior puseaurse for affected bus and tran routes.  4. Develop and implement measures to minimise disruption to the tran and bus networks resulting from the construction of Melbourne Metro in consultation with the relevant road management authorities, and to the satisfaction of PTV / DEDITA (Transport), including (but not limited to):  3) Options to divert the 401, 402, 403, 505 and 546 bus services.  5) Tran routes on La Trobe Street and Swarston Street.  5) Tran routes on Extreet and Swarston Street.  6) Transport of the satisfaction of Street and Swarston Street.  7) Transport of the Street and Swarston Street and Swarston Street.  8) Transport of the Street and Swarston Street and Swarston Street.  9) Periodic closures of Royal Parade tran route.  9) Periodic closures of Royal Parade tran route.  9) Periodic closures of Royal Parade tran route.  9) Transport of the Street and Swarston Street and Swarst	Cross Yara Parmership has prepared a Transport Management Plans (including relevant sub-plans, such as the Precinct Pransport Management Plans) which have been reviewed by the project's Independent Reviewer. This has been subject to separate stackholder consultation; were support of Vetoria, Chrack, Public Transport Vetoria, Department of Economic Development, Jobs, Transport and Resources, Metro Trains Me Bourne and the Traffic and Transport Working Group. These plans have also been audited by the Independent Environmental Auditor.  Where rail occupations are identified and required to facilitate construction activities, CYP and MTM / Yarra Trams have agreed on the Base Track Occupation Schedule (BTOS). The BTOS record all foreseeable occupations required to support CYP construction activities.
Transport	T5	Active Transport (Construction Phase)  1. Develop and implement transport management measures in consultation with the TTWG and relevant road management authorities for cyclists and pedestrians to maintain connectivity and reasonable performance levels throughout construction for road and shared path users including (but not limited to); JJ Holland Park, South Kensingtion station, Leurens Street, Graftan Street, Swantston Street, Illineted Street, St Kilab Road, Domain Pradiants, Albert Road, Torrak Road, Faskert Park, Obserne Street, William Street and Chaps Street.  2. Implement active control and wayfinding information at construction work site access points to maintain safety by avoiding potential conflicts between trucks, pedestrians and cyclists.  3. In consultation with the City of Melbourne, provide a suitable router for pedestrians to maintain connectivity and connection between trucks, pedestrians and cyclists.  4. In consultation with the City of Melbourne, provide a suitable router for pedestrians in antiantian connectivity and connection between trucks, pedestrians and cyclists.  5. In consultation with the City of Melbourne, provide a suitable router for cyclists and pedestrians throughout construction to maintain connectivity for road and shared path users around JJ Holland Park and South Kennington, provide suitable routers for cyclists and pedestrians to maintain connectivity and connection, having regard to the removal of the William Street Bridge and Lovers Walk posterstrian path during the construction phase.  6. It surface works are required at Linithgow Avenue or nearby for temporary construction access shafts, provide for movement along the Tan Track in the Botanical Gardens near the Linithgow Avenue or provide a suitable alternative pedestrian path during construction.  7. Maintain appropriate pedestrian access to public car parks and adjoining properties adjacent to or within construction areas including the car park beneath University Square.	
Transport	те	Travel Demand Management Strategy  1. Prior to commencement of construction works, MMRA is to develop and implement a Travel Demand Management Strategy and appropriate tools to promote specific transport behaviour changes in response to road, bicycle and pedestrian paths closures/modifications and to reduce traffic congestion around construction sites, particularly in the Vicinity of the Parkvitle and Domain precincts where road includes a mechanism for collecting real-time travel time information to the public Estating ratification and public internations to real-time ratification and internations of collecting in the development, implementation and monitoring of the Travel Demand Management Strategy including, but not limited to, councils, road management authorities, PTV and relevant public transport providers, educational facilities, research institutions, businesses, impacted community groups and other affected key stakeholders in each precinct.	with councils, road management authorities. Transport for Victoria, Public Transport Victoria and relevant public transport providers, educational facilities, research institutions, businesses and impacted community arouss. These palans have also been reviewed by Independent Environmental Auditor.
Transport	17	Road Transport (Operational Phase)  1. Design all coadworks and shared path works to relevant design standards to maintain safety of movement in consultation with the relevant road management authorities and TTWG, as required. Designs should be underplined by appropriate transport modelling and have an objective to facilitate public transport and minimise carpark loss to the extent practicable.  2. Develop and implement a plan to reinstate car parking on Childers Street, Kensington and Laurens Street, North Melbourne in consultation with the relevant road management authorities that: a) Minimises the permanent loss of parking where possible.  b) Ensures re instated car parking does not encroach on JJ Holland Park.  c) Considers opportunities for replacement of any net loss of parking at nearty locations.  d) Reduces the risk of overflow parking in local streets from South Kensingtion station and activities at JJ Holland Park.  e) Replaces loading zones to service the needs of the estation during construction of the parking generated by the new Arden Station.  3. Develop and implement a plan for the Arden Precinct in consultation with the relevant road management authorities to manage parking generated by the new Arden Station.  3. Develop and implement a plan for the Arden Precinct in consultation with the relevant road management authorities to manage parking generated by the new Arden Station.  3. Develop and implement a plan for the Arden Precinct in consultation with the relevant road management authorities that includes:  3. Optimizing proper of the road relevant sound Grattan Street associated with the changed demands and network changes on Grattan Street and Royal Parade / Elizabeth Street.  5. Develop and implement a plan for the future use of Franklin Street in consultation with the relevant road management authorities that includes:  5. Develop and implement a plan for the future use of Franklin Street in Consultation with the relevant road management authorities that includes:  6. Develop and impleme	Operational road transport for the Domain precinct is addressed in Section 4.4.8 of the Development Plan.



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Checker: Sabrina Chapman

Date: 10/08/2022

Approver: Mat Peel

Discipline	EPR Ref	Environmental Protection Requirements	Development Plan Response
		Public Transport (Operational Phase)	Operational public transport for the Domain precinct is addressed in Section 4.4.8 of the Development Plan.
Transport	Т8	1. Review, with PTV/DEDTR (Transport), the bus services in the areas around Arden, Parkville, State Library, Town Hall and Domain stations, including a review of the route 401 bus frequency that is expected to have reduced demand following implementation of Melbourne Metro.  2. In consultation with PTV/DEDTR (Transport), optimise the design of Melbourne Metro stations to ensure integration with existing and planned future uses and so that they will provide connections: a) Between the Parkville station and the new trans tops on Royal Parado.  b) For interchange between the State Library station and the existing tram and bus services along Finders Street, Swantson Street and Collins Street.  d) Between the Domain station and the new listed plantform trans stop in the centre of St Ridial Road and connections to the tram network.  3. In consultation with the relevant toad management and utplorities, implement measures to address pedistrian congestion at and around station entrances where they interface with the Precincts, to the extern producable.  Swantson Street Park (Transport) and Yarra Trans, the bus and tram services in the area to optimise the functionality of the State Library and Town Hall stations and to reduce the reliance on the Swanston Street tram corridor.	
Transport	Т9	Active Transport (Operational phase)  1. Develop and implement a permanent pedestrian footpath and on road bicycle design for Childers Street, Kensington with the relevant road management authority, relevant local council, and the land manager prior to the removal of the shared use path on the southern side of the street.  2. In cooperation with the relevant road management authority and local council, and where practicable to do so, re-instate on-road bicycle lanes and bicycle parking provisions removed during construction.  3. In consultation with PTV / DEDJTR (Transport) and relevant local councils undertake a study of bicycle parking demands for the new stations.  4. Provide appropriate bicycle parking at each station adopting a flexible design that would allow for future expansion of capacity in consultation with relevant local councils and user groups, if required.  5. Review the reinstatement and provision of safe and effective bicycle lanes and pedestrian access in and sround the Mebourne station sates in cooperation with the relevant road management authorities and the relevant local council.  6. Provide wayfinding information to enhance connectivity for pedestrians and public transport users, in consultation with relevant local councils and user groups, including (but not limited to) the following locations:  9. Provide wayfinding information to enhance connectivity for pedestrians and public transport users, in consultation with relevant local councils and user groups, including (but not limited to) the following locations:  9. Provide wayfinding information to enhance connectivity for pedestrians and public transport users, in consultation with relevant local councils and user groups, including (but not limited to) the following locations:  9. Provide wayfinding information to enhance connectivity for pedestrians and public transport users, in consultation with relevant local councils and user groups, including (but not limited to) the following locations:  9. Provide wayfinding information to enhan	Operational active transport for the Domain precinct is addressed in Section 4.4.8 of the Development Plan.
Transport		Waste collection  1. Prior to commencement of relevant works, develop and implement a plan or plans, in consultation with local councils and private waste collection services, to manage changes to waste collection and waste storage in the areas affected by construction activity. The plan's should include, but not be limited to:  a) Providing for minimal change in waste collection times where the change ingited feed the capacity of residents to sleep.  b) Providing access for existing waste collection services from existing properties consistening the extent of the construction areas and road network changes.  c) Providing access to alternative waste collection breations for properties during Project construction and operation where existing waste disposal locations are removed or obstructed.  d) Design for a instaltenent of appropriate access for existing wastes existing wastes existing waste disposal locations are removed or obstructed.  e) Consultation with affected businesses, land owners and residents to be undertaken jointly with local councils to encourage alternative waste management options to be adopted.	Waste collection for the Domain precinct is addressed in Section 4.4.8 of the Development Plan.