

Compliance Report Declaration Form



Project Name	Parramatta Light Rail – Stage 1
Project Application Number	SSI 8285
Description of Project	Development for the purpose of the Parramatta Light Rail.
Project Address	Land in the suburbs of Westmead, North Parramatta, Parramatta, Rosehill, Camellia, Rydalmere, Dundas, Telopea and Carlingford.
Proponent	Transport for NSW
Title of Compliance Report	Pre-Construction Compliance Report – Stage 3 Package 5 Supply, Operate and Maintain (SOM) Works
Date	13-May-2021

I declare that I have reviewed relevant evidence and prepared the contents of the attached Compliance Report and to the best of my knowledge:

- The Compliance Report has been prepared in accordance with all relevant conditions of consent
- The Compliance Report has been prepared in accordance with the Compliance Reporting Post Approval Requirements
- The findings of the Compliance Report are reported truthfully, accurately and completely
- Due diligence and professional judgement have been exercised in preparing the Compliance Report
- The Compliance Report is an accurate summary of the compliance status of the development.

Notes:

- Under section 10.6 of the *Environmental Planning and Assessment Act 1979* a person must not include false or misleading information (or provide information for inclusion in) a report of monitoring data or an audit report produced to the Minister in connection with an audit if the person knows that the information is false or misleading in a material respect. The proponent of an approved project must not fail to include information in (or provide information for inclusion in) a report of monitoring data or an audit report produced to the Minister in connection with an audit if the person knows that the information is materially relevant to the monitoring or audit. The maximum penalty is, in the case of a corporation, \$1 million and for an individual, \$250,000; and
- The *Crimes Act 1900* contains other offences relating to false and misleading information: section 307B (giving false or misleading information – maximum penalty 2 years' imprisonment of 200 penalty units, or both).

Name of Authorised Reporting Officer	
Title	Director – Safety, Sustainability, Environment and Assurance
Signature	
Qualification	Master's Degree Environmental Management and Sustainability
Company	Transport for NSW
Company Address	130 George Street, Parramatta

Pre-Construction Compliance Report

Stage 3 Package 5 – Supply, Operate
Maintain (SOM) Works

Parramatta Light Rail – Stage 1 (SSI-8285)

MAY 2021

PLR1SOM-GLR-ALL-PE-RPT-000004 Revision 0

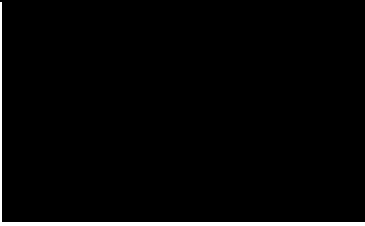
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Document control

Approval and authorisation

Title	Parramatta Light Rail – Stage 1 Pre-Construction Compliance Report Stage 3 Package 5 Supply, Operate and Maintain (SOM) Works
Reviewed by Environmental Representative	Environmental Representative Refer Appendix B – Environmental Representative Endorsement
Approved on behalf of Transport for NSW by	Refer to Compliance Report Declaration Form
Approved on behalf of Great River City Light Rail Pty Ltd by	Project Delivery Director
Signed	
Dated	05/05/2021

Version status

Revision	Date	Description	Approval	Declaration
A	14/04/2021	Draft for TfNSW review and input		NA
0	05/05/2021	Revised to address TfNSW and ER comments and input		NA

Glossary / Abbreviations

Abbreviation	Expanded text
AA*	The Acoustics Adviser for the CSSI.
Active Transport Link*	An active transport link (pedestrian and cycling) connecting Carlingford to the Parramatta Valley Cycleway at Rydalmere, with bridge crossings at Parramatta River and James Ruse Drive, and ending at Alfred Street, Parramatta
Ancillary facility*	A temporary facility for construction of the project including an office and amenities compound, construction compound, material crushing and screening plant, materials storage compound, maintenance workshop, testing laboratory, material stockpile area car parking compound and truck marshalling facility.
Annoying activities*	As defined in the <i>Interim Construction Noise Guideline (DECC, 2009)</i>
CEMP*	Construction Environmental Management Plan
CoA	The Planning Minister's conditions of approval
Completion of construction*	The date upon which all construction works and activities described in the EIS/Submissions Report (incorporating Preferred Infrastructure Report) are completed and all requirements of the Secretary (if any) and the whole of the CSSI has been constructed to the appropriate standard for operation
Construction*	<p>Includes all works required to construct the CSSI as described in the EIS/Submissions Report (incorporating Preferred Infrastructure Report), including commissioning trials of equipment and temporary use of part of the CSSI, but excluding the following low impact work:</p> <ul style="list-style-type: none"> (a) survey works including carrying out general alignment survey, installing survey controls (including installation of global positioning system (GPS)), installing repeater stations, carrying out surveys of existing and future utilities and building and road dilapidation surveys; (b) investigations including investigative drilling, contamination investigations and excavation; (c) establishment of ancillary facilities in approved locations including constructing ancillary facility access roads and providing utilities to the facility; (d) operation of ancillary facilities if the ER has determined the operational activities will have minimal impact on the environment and community; (e) minor clearing and relocation of native vegetation, as identified in the EIS/Submissions Report (incorporating Preferred Infrastructure Report); (f) installation of mitigation measures including erosion and sediment controls, temporary exclusion fencing for sensitive areas and acoustic treatments; (g) property acquisition adjustment works including installation of property fencing, and relocation and adjustments of property utility connections including water supply and electricity; (h) relocation and connection of utilities where the relocation or connection has a minor impact to the environment as determined by the ER; (i) reconfiguration of Robin Thomas Reserve for the purposes of maintaining two sports playing fields; (j) archaeological testing under the <i>Code of practice for archaeological investigation of Aboriginal objects in NSW (DECCW, 2010)</i>,

Abbreviation	Expanded text
	<p>archaeological investigations to inform design or archaeological monitoring undertaken in association with [a]-[i] above to ensure that there is no impact to heritage items;</p> <p>(k) other activities determined by the ER to have minimal environmental impact which may include construction of minor access roads, temporary relocation of pedestrian and cycle paths and the provision of property access including access and egress to construction ancillary facilities; and</p> <p>(l) maintenance of existing buildings and structures required to facilitate the carrying out of the CSSI.</p> <p>However, where heritage items, or threatened species, populations or ecological communities (within the meaning of the <i>Biodiversity Conservation Act 2016</i>) are affected or potentially affected by any low impact work, that work is construction, unless otherwise determined by the Secretary in consultation with OEH or DPI Fisheries (in the case of impact upon fish, aquatic invertebrates or marine vegetation).</p> <p>Construction does not include site establishment works where such works are included as part of a Site Establishment Management Plan approved under Condition C18.</p>
CSSI*	The Critical State Significant Infrastructure as described in Schedule 1 of this approval, the carrying out of which is approved under the terms of this approval.
CSSI, the	Parramatta Light Rail – Stage 1 (Westmead to Carlingford)
CTP	Compliance Tracking Program
Department*	NSW Department of Planning, Infrastructure and Environment
DECC*	Former NSW Department of Environment and Climate Change
DPIE	NSW Department of Planning, Infrastructure and Environment
DoI*	NSW Department of Industry
DPI*	NSW Department of Primary Industries including DPI Agriculture, DPI Biosecurity and Food Safety, DPI Land and Natural Resources, DPI Water and DPI Fisheries
Eat Street*	That section of Church Street between Palmer and George streets.
EIS*	The Environmental Impact Statement submitted to the Secretary seeking approval to carry out the project described in it, as revised if required by the Secretary under the EP&A Act and including any additional information provided by the Proponent in support of the application for approval of the project.
EMS*	Environmental Management System
Environmental Representative Protocol*	The document of the same title published by the Department (2017)
EP&A Act*	<i>Environmental Planning and Assessment Act 1979 (NSW)</i>
EPA*	NSW Environment Protection Authority
EPL*	Environment Protection Licence under the POEO Act
EPO	Environmental Performance Objective

Abbreviation	Expanded text
ER*	The Environmental Representative for the CSSI
Heritage Division*	The Heritage Division of OEH
Heritage item*	A place, building, work, relic, archaeological site, tree, movable object or precinct of heritage significance, that is listed under one or more of the following registers: the State Heritage Register under the <i>Heritage Act 1977</i> (NSW), a state agency heritage and conservation register under section 170 of the <i>Heritage Act 1977</i> (NSW), a Local Environmental Plan under the EP&A Act, the World, National or Commonwealth Heritage lists under the <i>Environment Protection and Biodiversity Conservation Act 1999</i> (Cth), and an “Aboriginal object” or “Aboriginal place” as defined in section 5 of the <i>National Parks and Wildlife Act 1974</i> (NSW).
Highly Noise Intensive Works*	Rock breaking, rock hammering, sheet piling, pile driving and any similar activity
ICNG*	<i>Interim Construction Noise Guideline</i> (DECC, 2009)
Incident*	An occurrence or set of circumstances that causes, or threatens to cause material harm. <i>Note: “material harm” is defined in this approval.</i>
Land*	Has the same meaning as the definition of the term in section 1.4 the EP&A Act
Landowner*	Has the same meaning as “owner” in the <i>Local Government Act 1993</i> and in relation to a building means the owner of the building
Material harm*	Is harm that: (a) involves actual or potential harm to the health or safety of human beings or to ecosystems that is not trivial, or (b) results in actual or potential loss or property damage of an amount, or amounts in aggregate, exceeding \$10,000, (such loss includes the reasonable costs and expenses that would be incurred in taking all reasonable and practicable measures to prevent, mitigate or make good harm to the environment).
Minister*	NSW Minister for Planning
NCA*	Noise catchment area
NML*	Noise management level as derived from the <i>Interim Construction Noise Guideline</i> (DECC, 2009)
Non-compliance*	An occurrence, set of circumstances or development that is a breach of this approval but is not an incident.
NSW Heritage Council*	Heritage Council of NSW
OEH*	NSW Office of Environment and Heritage
OEMP*	Operational Environmental Management Plan
Operation*	The carrying out of the CSSI (whether in full or in part) upon the completion of construction for the applicable stage (if any), excluding the following activities: <ul style="list-style-type: none"> • commissioning trials of equipment; • temporary use of any part of the CSSI; and • maintenance works. <i>Note: There may be overlap between the carrying out of construction and</i>

Abbreviation	Expanded text
	<i>operation if the phases are staged. Commissioning trials of equipment and temporary use of any part of the CSSI are within the definition of construction.</i>
Parramatta Strategic Planning Framework*	Planning policies developed by City of Parramatta Council (in consultation with Government Architect NSW) including the Parramatta Strategic Framework, Parramatta City Link Strategy, and Parramatta River Strategy.
PCCR	Pre-Construction Compliance Report
PIR*	The Preferred Infrastructure Report submitted to the Secretary under the EP&A Act (referred to as part of the Submissions Report (including Preferred Infrastructure Report)).
Planning Approval	The Planning Approval includes the Conditions of Approval, the EIS and the Submissions and Preferred Infrastructure Report
PLR	Parramatta Light Rail (Stage 1)
POEO Act*	<i>Protection of the Environment Operations Act 1997</i> (NSW)
Precinct*	The precincts of Westmead; Parramatta North; Parramatta CBD; Rosehill and Camellia; and Carlingford as described in the EIS and illustrated in Figures 5.2a to 5.2h of Volume 1
Proponent*	The person identified as such in Schedule 1 of this approval
Relevant Council(s)*	Any or all as relevant: <ul style="list-style-type: none"> • City of Parramatta; and • Cumberland Council
Relevant Road Authority*	The same meaning as the road authorities defined in the <i>Roads Act 1993</i> .
Relic*	Has the same meaning as the definition of the term in section 4 of the <i>Heritage Act 1977</i> (NSW)
REMMM	Revised Environmental Management and Mitigation Measure
RMS*	NSW Roads and Maritime Services
SaMF	Stabling and Maintenance Facility
Secretary*	Secretary of the NSW Department of Planning and Environment (or nominee, whether nominated before or after the date on which this approval was granted)
Sensitive receiver*	Includes residences, temporary accommodation such as caravan parks and camping grounds, and health care facilities (including nursing homes, hospitals). Also includes the following, when in use: educational institutions (including preschools, schools, universities, TAFE colleges), religious facilities (including churches), child care centres, passive recreation areas, commercial premises (including film and television studios, research facilities, entertainment spaces, restaurants, office premises and retail spaces), and others as identified by the Secretary
SES*	NSW State Emergency Services
SOM	Supply, Operate and Maintain

Abbreviation	Expanded text
Submissions Report*	The report comprising the Proponent's response to written submissions received in relation to the application for approval for the CSSI under the EP&A Act. The Proponent has prepared a Submissions Report (incorporating the Preferred Infrastructure Report) for the CSSI
TfNSW	Transport for NSW (the Proponent)
TMC*	Transport Management Centre for NSW
Tree*	As defined in Australian Standard <i>AS 4970-2009 Protection of trees on development sites</i> .
Unexpected heritage find*	An object or place that is discovered during the carrying out of the CSSI and which may be a heritage item but was not identified in the documents referred to in Condition A1 or suspected to be present. An unexpected heritage find does not include human remains.
Work*	All physical work for the purpose of the CSSI including construction

* As defined in the Infrastructure Approval CSSI 8285

1 Introduction

1.1 Context

This Pre-Construction Compliance Report (PCCR) has been prepared for Stage 3 Package 5 of the Parramatta Light Rail (Stage 1) (the CSSI). Stage 3 Package 5 of the CSSI comprises the Supply Operate and Maintain (SOM) Works. SOM works include the design and construction of the light rail systems, high-voltage power supply and stops above slab level, supply of light rail vehicles, design and construction of the Stabling and Maintenance Facility (SaMF), and all light rail operations, customer service and asset management. The Staging Report (PLR-TFNSW-CBD-PE-RPT-000001) describes the staging of the delivery and operation of the CSSI in compliance with the requirements of the Infrastructure Approval SSI 8285.

Condition of Approval (CoA) A34 of the Infrastructure Approval requires that the PCCR must be prepared and submitted to the Secretary for information no later than one month before the commencement of construction of the stage of works to which the report applies. The PCCR is to be made publicly available by TfNSW.

1.2 Purpose of this report

The purpose of this PCCR is to address the requirements of CoA A34, A35 and A36 of the Infrastructure Approval. This PCCR has been prepared in accordance with the Project Compliance Tracking Program (CTP) (PLR-TFNSW-PJT-PE-PRG-000001) and the Department of Planning Industry and Environment (DPIE) Compliance Reporting: Post Approval Requirements May 2020.

The requirements of the CoA relevant to pre-construction compliance are listed in **Table 1-1**, together with the cross-reference to where the requirements are addressed in this PCCR.

Table 1-1: Conditions applicable to the Pre-Construction Compliance Report

CoA No.	Condition Requirements	Document reference	How Addressed
A34	A Pre-Construction Compliance Report must be prepared	This document	This pre-construction report has been prepared for Stage 1, Package 5.
A34	and submitted to the Secretary for information no later than one (1) month before the commencement of construction (or each stage of construction identified in the Staging Report).	Section 1.1	This pre-construction compliance report will be submitted to the Secretary one month before the commencement of construction Refer to Staging Report (PLR-TFNSW-CBD-PE-RPT-000001) for further information on proposed staging
A35	The Pre-Construction Compliance Report must include: (a) details of how the terms of this approval that must be addressed before the commencement of construction have been complied with; and	Appendix A	The conditions of approval and how they have been addressed for Package 5 are documented in Appendix A.

CoA No.	Condition Requirements	Document reference	How Addressed
A35	(b) the proposed commencement date for construction.	Section 2.2	The current proposed commencement date for Package 5 is provided in this section.
A36	Construction must not commence until the Pre-construction Compliance Report has been submitted to the Secretary.	Section 2.2	This Pre-Construction Compliance Report will be submitted to the Secretary for information before construction commences.

A brief overview of the project is provided in **Table 1-2**.

Table 1-2: Parramatta Light Rail overview

Project Name	Parramatta Light Rail – Stage 1
Project Application Number	SSI 8285
Site Address	Land in the suburbs of Westmead, North Parramatta, Parramatta, Rosehill, Camellia, Rydalmere, Dundas, Telopea and Carlingford.
Name of Compliance Report	Pre-Construction Compliance Report – Stage 3 Package 5 Supply, Operate and Maintain (SOM) Works
Dates covered by this Report	Pre-construction works only.
Summary of project activities that occurred during the reporting period	<p>Detailed design for SOM scope of works.</p> <p>Pre-construction minor works (undertaken under a Pre-Construction Minor Works Approval):</p> <ul style="list-style-type: none"> • Survey works. • Stray Current Testing. • Commencement of site establishment at 8 Colquhoun Street, Rosehill (adjacent to the SaMF site). • Closed Circuit Television (CCTV) inspection of stormwater drainage at the SaMF site.

1.3 Background and project description

Parramatta Light Rail is one of the NSW Government’s major infrastructure projects being delivered to serve a growing Sydney.

Parramatta Light Rail Stage 1 (‘the CSSI’) will connect Westmead to Carlingford via Parramatta Central Business District (CBD) and Camellia. Stage 1 is expected to be operational in 2023.

The project will create new communities, connect great places and help both local residents and visitors move around and explore what the region has to offer. The route will link Parramatta’s CBD and train station to a number of key locations, including the Westmead Precinct, the Cumberland Hospital Precinct, Bankwest Stadium, the Camellia Town Centre, the Parramatta Powerhouse Museum and Riverside Theatre arts and cultural precinct, the private and social housing

redevelopment at Telopea, the Rosehill Gardens Racecourse and the three Western Sydney University campuses.

In summary, the key features of the project include:

- A new dual track light rail network of approximately twelve (12) kilometres in length, including approximately seven (7) kilometres within the existing road corridor and approximately five (5) kilometres within the existing Carlingford Line and Sandown Line, replacing current heavy rail services
- Sixteen (16) stops that are fully accessible and integrated into the urban environment including a terminus stop at each end of Westmead and Carlingford
- High frequency ‘turn-up-and-go’ services operating seven days a week from 5am to 1am. Weekday services will operate approximately every 7.5 minutes in the peak period between 7am and 7pm
- Modern and comfortable air-conditioned light rail vehicles, nominally 45 metres long and driver-operated, each carrying up to 300 passengers.
- Intermodal interchanges with existing public transport services at Westmead terminus, Parramatta CBD and the Carlingford terminus
- Creation of two light rail and pedestrian zones (no general vehicle access) within the Parramatta CBD along Church Street (generally between Market Street and Macquarie Street) and along Macquarie Street (generally between Horwood Place and Smith Street)
- A SaMF located in Camellia for light rail vehicles to be stabled, cleaned and maintained
- New bridge structures along the alignment including over James Ruse Drive and Clay Cliff Creek, Parramatta River (near the Cumberland Hospital), Kissing Point Road and Vineyard Creek, Rydalmere
- Alterations to the existing road network including line marking, additional traffic lanes and turning lanes, new traffic signals, and changes to traffic flows
- Relocation and protection of existing utilities
- Public domain and urban design works along the corridor and at Stop precincts
- Closure of the heavy rail line between Carlingford and Clyde
- Active transport corridors and additional urban design features along sections of the alignment and within Stop precincts
- Integration with the Opal Electronic Ticketing System (ETS)
- Real time information in light rail vehicles and at Stops via visual displays and audio.

An overview of Parramatta Light Rail Stage 1 route is shown in **Figure 1-1**.



Figure 1-1: Parramatta Light Rail Stage 1 Route

1.3.1 Statutory Context

The Parramatta Light Rail is subject to environmental impact assessment under the *Environmental Planning and Assessment Act 1979* (EP&A Act). It is classified as Critical State Significant Infrastructure (CSSI).

Detailed environmental impact assessments have been carried out and approved by the Minister for Planning. The Planning Approval for the project is described in **Section 1.3.2**.

1.3.2 Parramatta Light Rail Planning Approval

The Environmental Impact Statement (EIS) assessed impacts for PLR Stage 1 (Westmead to Carlingford). This covered the light rail and associated works including road enabling work.

PLR Stage 1 received Infrastructure Approval from the Minister for Planning under Section 5.19 of the EP&A Act on 29 May 2018 (Critical State Significant Infrastructure Application SSI-8285), subject to the conditions provided in the Instrument of Approval, specifically Schedule B – Ministerial Conditions of Approval.

The Infrastructure Approval was subsequently modified under Section 5.25 of the EP&A Act on 21 December 2018 and 25 January 2019.

The planning approval, modifications and related environmental assessment documents are located at the Major Projects Website:

http://majorprojects.planning.nsw.gov.au/index.pl?action=view_job&job_id=8285

1.4 Stage 3 Package 5 – Supply Operate Maintain (SOM) Works

Stage 3 Package 5 SOM Works include:

- Delivery activities
- Light rail vehicle (LRV) procurement
- Operations and maintenance (O&M).

The delivery activities include all investigation, selection, specification, design, approvals, construction, manufacture, installation, testing & commissioning, operational readiness and activities to transition from the delivery phase to the operations phase.

In summary, works include:

- All works above and additional to the platform concrete foundation slab at all Stops
- The (SaMF).
- Central control system
- Light rail signalling system
- Elements of the road intersection signalling system
- Communications and passenger information systems
- Power supply system
- Procurement of LRVs
- Maintenance plant and machinery for the LRVs
- Earthing and bonding, electrolysis and electromagnetic compatibility
- ETS infrastructure including ticket machines and fixed location readers.

The SOM Works do not include works being undertaken by interface contractors delivering other PLR Stage 1 packages. These packages are:

- Package 1 Enabling Works – Local road network improvements including O’Connell Street and George Street (off-alignment)
- Package 2 Westmead Precinct Works – Hawkesbury Road widening and demolition at Cumberland Hospital (east and west Campus)
- Package 3 Early Works – Remediation of the SaMF site
- Package 4 Infrastructure Works – Design and construction of civil works, public domain and light rail infrastructure up to road level/top of rail and to the top of the concrete slab at stops, including provision of utility services (excluding high-voltage power supply and cabling for rail systems), and decommissioning of the T6 Carlingford Line.

All five of the PLR Stage 1 packages are shown on **Figure 1-2** and the relationship between the Infrastructure Works and SOM Works is shown in **Figure 1-3**.

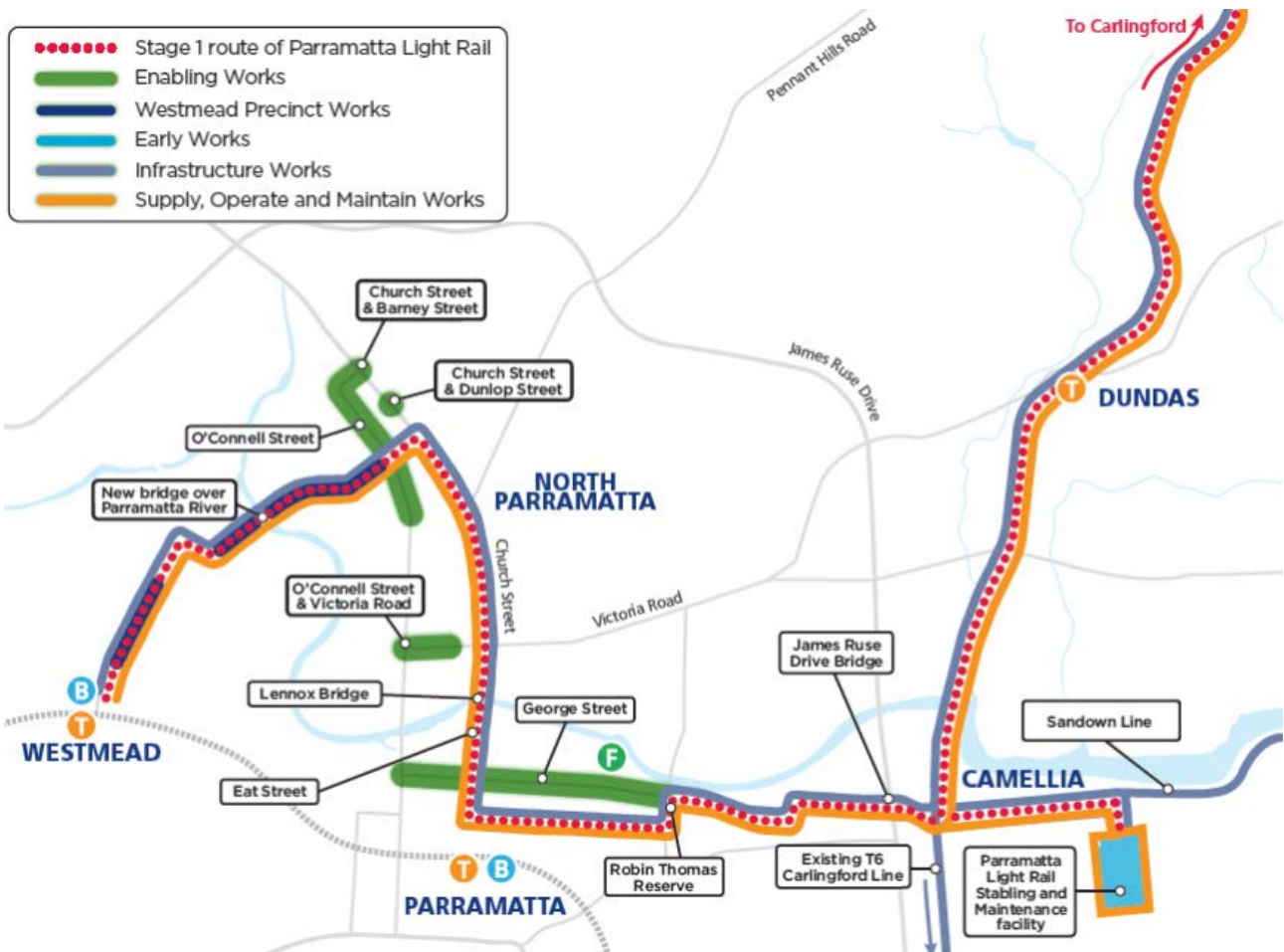


Figure 1-2: Parramatta Light Rail Delivery Package Interfaces

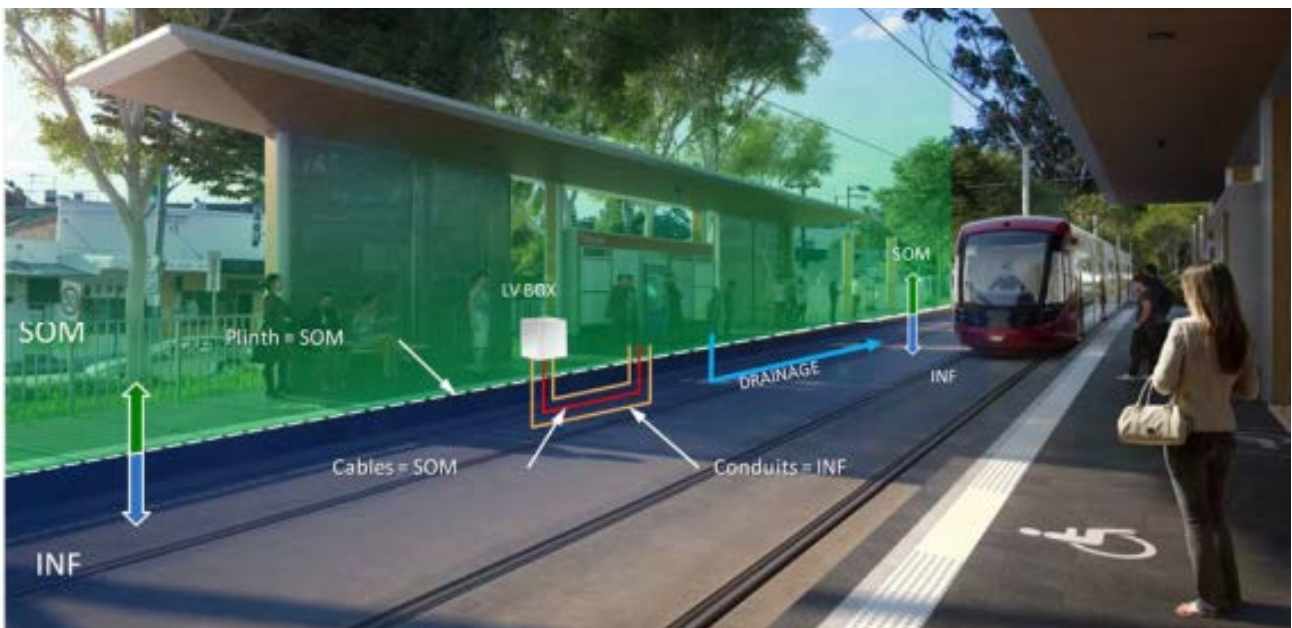


Figure 1-3: Relationship between Package 4 Infrastructure and Package 5 SOM Works

1.5 Approval documentation

Documentation relevant to Stage 3 Package 5 PCCR includes:

- Parramatta Light Rail (Stage 1) Environmental Impact Statement (EIS) (Transport for NSW 2017)
- Parramatta Light Rail (Stage 1) Submissions and Preferred Infrastructure Report (SPIR) (Transport for NSW 2018)
- Infrastructure Approval SSI-8285 (approved by the Minister for Planning on 29 May 2018)
- State Significant Infrastructure Modification Assessment, SSI 8285 MOD 1 (approved by the Minister for Planning on 21 December 2019)
- State Significant Infrastructure Modification Assessment, SSI 8285 MOD 2 (approved by the Minister for Planning on 25 January 2019).

2 Pre-construction compliance

2.1 Conditions of approval compliance table

Details of how each CoA applicable to Stage 3 Package 5 of the CSSI has been complied with are provided in the compliance table attached at Appendix A. The table in **Appendix A** identifies:

- Each CoA and its requirements
- The applicability of the CoA to the project phase
- The evidence of compliance with the CoA and comments for Stage 3 Package 5
- The compliance status of the CoA for Stage 3 Package 5

Note that all CoAs, including those not relevant to the Stage 3 Package 5 SOM Works, have been listed for completeness in the table at **Appendix A**.

The evidence presented in **Appendix A** demonstrates that all CoAs relevant to Stage 3 Package 5 and to the current, pre-construction phase have been complied with.

The status of each compliance requirement applicable during the pre-construction period has been recorded in accordance with the descriptors in **Table 2-1**.

Table 2-1: Compliance status descriptors

Status	Description
Compliant	The proponent has collected sufficient verifiable evidence to demonstrate that all elements of the requirement have been complied with.
Non-compliant	The proponent has identified a non-compliance with one or more elements of the requirement.
Not triggered	A requirement has an activation or timing trigger that has not been met at the phase of the development when the compliance assessment is undertaken, therefore an assessment of compliance is not relevant.
(left blank)	Where the Compliance Monitoring and Reporting Program is submitted before the commencement of development, the monitoring methodology and evidence to be collected may not be known at the time of submission. In that case, the relevant space in the Compliance Table may be left blank when it is submitted.

2.2 Date of commencement of construction

The proposed date of commencement of construction for Stage 3 Package 5 is mid June 2021.

Construction of Stage 3 Package 5 will not commence until this PCCR has been submitted to the Secretary for information, one month before the proposed commencement date.

Appendix A – Stage 3 Package 5

Condition of Approval Compliance Table

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
A01	<p>The CSSI must be carried out in accordance with the terms of this approval and generally in accordance with the description of the CSSI in the Parramatta Light Rail (Stage 1) Westmead to Carlingford via Parramatta CBD and Camellia Environmental Impact Statement (dated August 2017) (the EIS) as amended by</p> <p>(a) the Parramatta Light Rail (Stage 1) Westmead to Carlingford via Parramatta CBD and Camellia Submissions Report (incorporating Preferred Infrastructure Report) (February 2018) (the SPIR).</p> <p>(b) SSI 8285 Administrative modification (November 2018) (MOD 2018); and</p> <p>(c) SSI 8285 Correction to Administrative modification (January 2019) (MOD 2).</p>	All project phases	<p>The CoAs, Environmental Performance Objectives (EPOs) and Revised Environmental Management and Mitigation Measures (REMMMs) have been incorporated into the management system, Construction Environmental Management Plan (CEMP), sub plans and procedures.</p> <p>Tracking that the CSSI is being carried out in accordance with the CoA, EIS and SPIR will be through Construction Compliance Reports, Independent Audits and Internal Audits.</p> <p>This Pre-construction Compliance report outlines how compliance has been achieved with the CoA relevant to the pre-construction period.</p>	Compliant
A02	<p>The CSSI must be carried out in accordance with all procedures, commitments, preventative actions, performance criteria and mitigation measures set out in the EIS as amended by the Submissions Report (incorporating Preferred Infrastructure Report) unless otherwise specified in, or required under, this approval.</p>	All project phases	<p>The CoAs, EPOs and REMMMs have been incorporated into the management system, Construction Environmental Management Plan (CEMP), sub plans and procedures.</p> <p>Tracking that the CSSI is being carried out in accordance with the CoA, EIS and SPIR will be through Construction Compliance Reports, Independent Audits and Internal Audits.</p>	Compliant
A03	<p>In the event of an inconsistency between the EIS and the Submissions Report (incorporating Preferred Infrastructure Report) or any other document required under this approval, and a term of this approval, the term of this approval prevails to the extent of the inconsistency.</p>	All project phases	<p>Noted. If an inconsistency between the approval and the EIS and SPIR is identified, the CoA will be complied with.</p>	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
A04	<p>The Proponent must comply with all written requirements or directions of the Secretary, including in relation to:</p> <p>(a) the environmental performance of the CSSI;</p> <p>(b) any document or correspondence in relation to the CSSI;</p> <p>(c) any notification given to the Secretary under the terms of this approval;</p> <p>(d) any audit of the construction or operation of the CSSI;</p> <p>(e) the terms of this approval and compliance with the terms of this approval (including anything required to be done under this approval); and</p> <p>(f) the carrying out of any additional monitoring or mitigation measures.</p>	All project phases	Correspondence from DPIE in the form of comments on management plans have been incorporated into the management plans to the satisfaction of DPIE during the pre-construction period. No directions from DPIE were received during the pre-construction period relating to compliance with the terms of approval or carrying out of additional monitoring or mitigation measures.	Compliant
A05	<p>Where the terms of this approval require a document or monitoring program to be prepared or a review to be undertaken in consultation with identified parties, evidence of the consultation undertaken must be submitted to the Secretary with the document or monitoring program or review. The evidence must include:</p> <p>(a) documentation of the engagement with the party(ies) identified in the relevant condition of approval before submitting the document for approval;</p> <p>(b) log of the points of engagement or attempted engagement with the identified party(ies) and a summary of the issues raised by the identified party(ies);</p> <p>(c) documentation of any follow-up with the identified party(ies), where feedback has not been provided, to confirm that the identified party(ies) has none or has failed to provide feedback after repeated requests;</p>	All project phases	<p>Consultation Reports have been submitted with management plans and other documents submitted to DPIE. The Consultation Reports include the evidence required by this CoA.</p> <p>The following Consultation Reports have been submitted during the pre-construction period:</p> <ul style="list-style-type: none"> • CEMP Consultation Report (PLR1SOM-GLR-ALL-EN-RPT-001002) submitted on 28 August 2020 • CNVMP Consultation Report (PLR1SOM-GLR-ALL-EN-RPT-001004) submitted on 12 November 2020 • CNVMonP Consultation Report (PLR1SOM-GLR-ALL-EN-RPT-001005) submitted on 26 October 2020 	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>(d) outline of the issues raised by the identified party(ies) and how they have been addressed, including evidence that the party(ies) is satisfied the issues have been addressed; and</p> <p>(e) where there are outstanding issues raised by the identified party(ies) that have not been adopted, the reasons why they have not been/could not be adopted must be provided, including evidence of consultation with the relevant party(ies).</p>		<ul style="list-style-type: none"> • SWMP Consultation Report (LR1SOM-GLR-ALL-EN-RPT-001006) submitted on 30 October 2020 • TTAMP Consultation Report (PLR1SOM-GLR-ALL-EN-RPT-001007) submitted on 6 November 2020 • FMP Consultation Report (PLR1SOM-GLR-ALL-EN-RPT-001008) submitted on 30 November 2020 • FFMP Consultation Report (PLR1SOM-GLR-ALL-EN-RPT-001009) submitted on 26 October 2020 • HMP Consultation Report (PLR1SOM-GLR-ALL-EN-RPT-001010) submitted on 26 October 2020. <p>The SEMP Consultation Report (PLR1SOM-GLR-ALL-EN-RPT-001011) is scheduled to be submitted prior to commencement of construction.</p>	
A06	This approval lapses five (5) years after the date on which it is granted, unless works for the purpose of the CSSI are physically commenced on or before that date.	All project phases	Works for Parramatta Light Rail – Stage 1 commenced within the period required. Therefore, this condition will not be triggered.	Not triggered
A07	References in the terms of this approval to any guideline, protocol, Australian Standard or policy are to such guidelines, protocols, Standards or policies in the form they are in as at the date of this approval, unless otherwise agreed with the Secretary.	All project phases	Noted.	Compliant
A08	In the event that there are differing interpretations of the terms of this approval, including in relation to a condition of this approval, the Secretary's interpretation is final.	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
A09	Where a condition of this approval requires the Proponent to submit a document or notification to the Secretary or obtain an approval from the Secretary within a specified time period, the Proponent may make a written request to the Secretary seeking an alternative timeframe. Any request must be made at least one (1) month before the submission timeframe stipulated in the condition of approval relating to the variation request. This condition does not apply to the immediate notification required in respect of an incident under Condition A44.	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered
A10	Where the terms of approval provide the Secretary the discretion to alter the requirements of the approval, the Proponent must provide supporting evidence so that the Secretary can consider the need, environmental impacts and consistency of any request.	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered
A11	Without limitation, all strategies, plans, programs, reviews, audits, report recommendations, protocols and the like required by the terms of this approval must be implemented by the Proponent in accordance with all requirements issued by the Secretary from time to time in respect of them.	All project phases	Management systems, plans and procedures to ensure compliance with all requirements of the CSSI Approval have been implemented.	Compliant
A12	The Proponent may undertake the flexibility provisions outlined in Appendix A. Flexibility provisions in Table 5.1 of the EIS do not apply. Stop length - Minor changes (+/- 10 metres) to a stop length permitted where determined to have no more than a minor impact. Stop arrangement side or island platform) - Changes to stop arrangement (side or island platform) permitted where determined to have no more than a minor impact.	All project phases	The flexibility provisions were used on three instances and Environmental Reviews prepared and endorsed by the Environmental Representative. The following Environmental Reviews were endorsed during the pre-construction period: <ul style="list-style-type: none"> • GRCLR-ER-003 in Oct 2020 • GRCLR-ER-002 in Jul and Dec 2020 • GRCLR-ER-001 in Dec 2019. 	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>Stop location - Minor relocation (+/- 10 metres) to stop location permitted where determined to have no more than a minor impact and the new location does not have a material impact on new receivers compared with the impact(s) assessed in the documents listed in Condition A1.</p> <p>Utility and lighting works - These works are permitted within 1 km of the project footprint where determined by the ER to have a minor impact.</p> <p>Minor road network changes including off-corridor works and public transport network changes, such as line marking, car parking adjustments, signal changes, footpath or kerb adjustments and bus stops - Minor changes are permitted to those activities identified in Sections 5.8 and 5.9 of the EIS.</p> <p>Minor road network changes in the vicinity of the CSSI footprint are permitted to address potential traffic impacts associated with light rail.</p> <p>In order to be considered minor, these changes must meet the following parameters:</p> <ul style="list-style-type: none"> • Environmental impacts are manageable through the implementation of environmental measures as detailed in the CEMP and/or the OEMP as relevant. • No acquisition (temporary or permanent) of property where a negotiated purchase from the property owner is not possible. • Does not involve the removal of a tree or other vegetation which is listed as a threatened species or ecological community in the <i>Biodiversity Conservation Act 2016</i> and/or <i>Environment Protection and Biodiversity Conservation Act 1999</i>; 			

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<ul style="list-style-type: none"> No direct impact and no more than a minor indirect impact on a listed heritage item. Access arrangements are provided for any impacted road intersection and, where relevant, for property access in consultation with the affected party(ies). Does not result in operational impacts that would have more than a minor adverse traffic impact (including on intersection performance, road way capacity, bus operations and active transport network) as assessed in the documents listed in Condition A1. 			
A13	The CSSI may be constructed and operated in stages. Where staged construction or operation is proposed, a Staging Report (for either or both construction and operation as the case may be) must be prepared and submitted to the Secretary for approval. The Staging Report must be submitted to the Secretary no later than one month before the commencement of construction of the first of the proposed stages of construction (or if only staged operation is proposed, one month before the commencement of operation of the first of the proposed stages of operation).	Pre-construction	The Parramatta Light Rail – Stage 1 Staging Report was prepared by TfNSW for the PLR (PLR-TFNSW-CBD-PE-RPT-000001). The Staging Report was approved by DPIE on 19 February 2019.	Compliant
A14	The Staging Report must: <p>(a) if staged construction is proposed, set out how the construction of the whole of the CSSI will be staged, including details of construction (as defined in this instrument) to be carried out in each stage and the general timing of when construction of each stage will commence and finish;</p> <p>(b) if staged operation is proposed, set out how the operation of the whole of the CSSI will be staged, including details of work and other activities to be carried out in each stage and</p>	Pre-construction	The Parramatta Light Rail – Stage 1 Staging Report (PLR-TFNSW-CBD-PE-RPT-000001) was approved by DPIE on 19 February 2019.	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>the general timing of when operation of each stage will commence and finish (if relevant);</p> <p>(c) specify how compliance with conditions will be achieved across and between each of the stage of the CSSI; and</p> <p>(d) set out mechanisms for managing any cumulative impacts arising from the proposed staging.</p> <p>Note: nothing in this condition invalidates the timing requirements or triggers specified in other conditions of this approval.</p>			
A15	The CSSI must be staged in accordance with the Staging Report, as approved by the Secretary.	Pre-construction	Package 5 is one of the stages documented in the Parramatta Light Rail – Stage 1 Staging Report (PLR-TFNSW-CBD-PE-RPT-000001).	Compliant
A16	Where staging is proposed, the terms of this approval that apply or are relevant to construction to be carried out in a specific stage must be complied with at the relevant time identified in the Staging Report for that stage.	All project phases	Noted. GRCLR is complying with the terms of approval relevant to the Package 5 works as outlined in the Staging Report.	Compliant
A17	Where changes are proposed to the staging of construction or operation, the Staging Report must be revised and submitted to the Secretary for approval no later than one month before the proposed change in staging.	All project phases	<p>The Staging Report has been revised by TfNSW and submitted to DPIE on a number of occasions are detailed in the 'Version Status' page of the document.</p> <p>The Staging Report was updated to include Package 5 updates to staging in April 2020. The current Staging Report is dated 19 October 2020.</p>	Compliant
A18	The Proponent must use best endeavours to ensure that the duration of construction in any one location or zone, as defined to the Secretary's satisfaction, is such that any receiver is impacted by construction works for the minimum, reasonably practicable time.	Construction	Construction on Package 5 yet to commence.	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	The Proponent must demonstrate the principles that would be adopted to minimise the duration of construction in zones as part of the Staging Report required by Condition A13.			
A19	Works must not commence until an ER has been approved by the Secretary and engaged by the Proponent.	Pre-construction	An ER has been engaged for the project by TfNSW and was approved by DPIE on 7 August 2018. This was prior to the commencement of works on Package 1 in March 2019.	Compliant
A20	The Secretary's approval of an ER must be sought no later than one month before the commencement of works.	Pre-construction	ER approval was sought prior to commencement of construction on 11 March 2019 for Package 1.	Compliant
A21	The proposed ER must be a suitably qualified and experienced person who was not involved in the preparation of the EIS or Submissions Report (incorporating Preferred Infrastructure Report), and is independent from the design and construction personnel for the CSSI and those involved in the delivery of it.	Pre-construction	The ER has been approved by DPIE as being suitably qualified and experienced. The ER is independent of design and construction personnel.	Compliant
A22	The Proponent may engage more than one ER for the CSSI, in which case the functions to be exercised by an ER under the terms of this approval may be carried out by any ER that is approved by the Secretary for the purposes of the CSSI.	All project phases	An ER has been engaged for the project by TfNSW and was approved by DPIE on the 7 August 2018.	Compliant
A23	For the duration of the works until after the commencement of operation, or as agreed with the Secretary, the approved ER must: (a) receive and respond to communication from the Secretary in relation to the environmental performance of the CSSI; (b) consider and inform the Secretary on matters specified in the terms of this approval;	All project phases	The approved ER has undertaken the role in accordance with the requirements of A23.	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>(c) consider and recommend to the Proponent any improvements that may be made to work practices to avoid or minimise adverse impact to the environment and the community;</p> <p>(d) review documents identified in Table 2 and any other documents that are identified by the Secretary, for consistency, in the opinion of the ER, with requirements in or under this approval and if so:</p> <p>i) make a written statement to this effect before submission of such documents to the Secretary (if those documents are required to be approved by the Secretary); or</p> <p>ii) make a written statement to this effect before the implementation of such documents (if those documents are required to be submitted to the Secretary for information or are not required to be submitted to the Secretary);</p> <p>(e) regularly monitor the implementation of the documents listed in Table 2 to ensure implementation is being carried out in accordance with the document and the terms of this approval;</p> <p>(f) as may be requested by the Secretary, help plan, attend or undertake audits of the CSSI commissioned by the Department including scoping audits, programming audits, briefings and site visits, but not independent environmental audits required under Condition A41 of this approval;</p> <p>(g) as may be requested by the Secretary, assist the Department in the resolution of community complaints;</p> <p>(h) assess and, if acceptable, approve the impacts of minor ancillary facilities comprising lunch sheds, office sheds and portable toilet facilities or other ancillary facilities determined by the ER to have a minor environmental impact; and</p>			

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>(i) prepare and submit to the Secretary and other relevant regulatory agencies, for information, an Environmental Representative Monthly Report providing the information set out in the Environmental Representative Protocol under the heading “Environmental Representative Monthly Reports.”</p> <p>The Environmental Representative Monthly Report must be submitted within seven days following the end of each month for the duration of the ER’s engagement for the CSSI.</p>			
A24	<p>The Proponent must provide the ER with all documentation requested by the ER in order for the ER to perform their functions specified in Condition A23 (including preparation of the ER monthly report), as well as:</p> <p>(a) the complaints register (to be provided on a daily basis); and</p> <p>(b) a copy of any assessment carried out by the Proponent of whether proposed work is consistent with the approval (which must be provided to the ER before the commencement of the subject work).</p>	All project phases	<p>GRCLR has provided the ER with all requested documentation, as well as:</p> <p>(a) Not triggered. GRCLR has not received any complaints for inclusion in the complaints register.</p> <p>(b) Consistency assessments regarding the Package 5 works have been provided to the ER by TfNSW during the pre-construction period. These have assessed proposed changes to:</p> <ul style="list-style-type: none"> • Back-up Operational Control Centre (BOCC) • Traction Power Substations (TPSs) 3 and 4 • Tetra Masts • Construction Compounds at 6 Grand Avenue and 8 Colquhoun Street, Camellia. 	Compliant
A25	<p>The Secretary may at any time commission an audit of an ER’s exercise of its functions under Condition A23. The Proponent must:</p> <p>(a) facilitate and assist the Secretary in any such audit; and</p> <p>(b) make it a term of their engagement of an ER that the ER facilitate and assist the Secretary in any such audit.</p>	All project phases	<p>An audit of the ER's exercise of its functions under CoA A23 has not been commissioned by DPIE during the audit period.</p> <p>Requirements identified in A25b have been included in the ER’s terms of engagement.</p>	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
A26	<p>A suitably qualified and experienced Acoustics Advisor (AA) must be engaged for the duration of construction and for no less than six months following completion of construction of the CSSI. The AA must provide a statutory declaration to the Secretary that they are independent of the design and construction personnel. The Proponent must cooperate with the AA by:</p> <p>(a) providing access to noise and vibration monitoring activities as they take place;</p> <p>(b) providing for review noise and vibration plans, assessments, monitoring reports and data analyses undertaken; and</p> <p>(c) considering any recommendations to improve practices and demonstrating, to the satisfaction of the AA, why any recommendation is not adopted.</p>	Pre-construction	The PLR Acoustic Advisor has been engaged by TfNSW through the Independent Certifier. Evidence of the qualifications, experience and independence of the Acoustic Advisors was submitted to and acknowledged by DPIE on 8 November 2018.	Compliant
A27	<p>The AA must meet the following minimum requirements:</p> <p>(a) relevant experience in the last ten years as a senior acoustic specialist on major infrastructure projects, including a fieldwork and construction management component;</p> <p>(b) tertiary qualifications in an acoustic related discipline or equivalent experience; and</p> <p>(c) proven understanding and application of NSW State and local legislation, relevant Australian standards, NSW environmental regulatory requirements and implementation of noise mitigation and environmental best practice.</p>	Pre-construction	Evidence of the qualifications, experience and independence of the Acoustic Advisors was submitted to and acknowledged by DPIE on 8 November 2018.	Compliant
A28	The Proponent must notify the Department in writing on the engagement of the AA including demonstrating the requirements of Conditions A26 and A27.	Pre-construction	Evidence of the qualifications, experience and independence of the Acoustic Advisors was submitted to and acknowledged by DPIE on 8 November 2018.	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
A29	<p>The AA must:</p> <p>(a) receive and respond to communication from the Secretary about the performance of the CSSI in relation to noise and vibration;</p> <p>(b) consider and inform the Secretary on matters specified in the terms of this approval relating to noise and vibration;</p> <p>(c) consider and recommend, to the Proponent, improvements that may be made to work practices to avoid or minimise adverse noise and vibration impacts;</p> <p>(d) consider consultation outcomes with affected receivers to determine the adequacy of noise mitigation and management measures including work hours and respite periods;</p> <p>(e) review all noise and vibration documents required to be prepared under the terms of this approval and, should they be consistent with the terms of this approval, endorse them before submission to the Secretary (if required to be submitted to the Secretary) or before implementation (if not required to be submitted to the Secretary);</p> <p>(f) regularly monitor the implementation of all noise and vibration documents required to be prepared under the terms of this approval to ensure implementation is in accordance with what is stated in the document and the terms of this approval;</p> <p>(g) in conjunction with the ER, the AA must:</p> <p>i) as may be requested by the Secretary, help plan, attend or undertake audits of noise and vibration management of the CSSI including briefings, and site visits;</p> <p>ii) if conflict arises between the Proponent and the community in relation to the noise and vibration performance during construction of the CSSI, follow the procedure in the</p>	Construction	<p>The duties of the AA have been included in Section 4.3 of the CEMP (PLR1SOM-GLR-ALL-PM-PLN-000014).</p> <p>The approved AA has completed the functions of A29 throughout the pre-construction period, particularly the preparation of written statements endorsing of documentation for submission to the Secretary.</p>	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>Community Communication Strategy approved under Condition B3 of this approval to attempt to resolve the conflict, and if it cannot be resolved, notify the Secretary;</p> <p>iii) consider relevant minor amendments made to the CEMP, relevant sub-plans and noise and vibration monitoring programs that require updating or are of an administrative nature, and are consistent with the terms of this approval and the management plans and monitoring programs approved by the Secretary and, if satisfied such amendment is necessary, endorse the amendment. This does not include any modifications to the terms of this approval;</p> <p>iv) assess the noise impacts of minor construction ancillary facilities; and</p> <p>(h) prepare and submit to the Secretary and other relevant regulatory agencies, for information, a monthly Noise and Vibration Report detailing the AAs actions and decisions on matters for which the AA was responsible in the preceding month (or another timeframe agreed with the Secretary). The Noise and Vibration Report must be submitted within seven days following the end of each month for the duration of construction of the CSSI, or as otherwise agreed with the Secretary.</p>			
A30	A Compliance Tracking Program to monitor compliance with the terms of this approval must be prepared, taking into consideration any staging of the CSSI that is proposed in a Staging Report submitted in accordance with Conditions A13 and A14 of this approval.	All project phases	The Compliance Tracking Program was prepared by TfNSW for the Project taking into consideration the Staging Report.	Compliant
A31	The Compliance Tracking Program must be endorsed by the ER and then submitted to the Secretary for information at least one (1) month before the commencement of works.	All project phases	The Compliance Tracking Program was endorsed by the ER and submitted to DPIE on 6 December 2018 prior to the commencement of works on Package 1.	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
A32	The Compliance Tracking Program in the form required under Condition A30 of this approval must be implemented for the duration of works and for a minimum of one (1) year following commencement of operation, or for a longer period as determined by the Secretary based on the outcomes of independent environmental audits, Environmental Representative Monthly Reports and regular compliance reviews submitted through Compliance Reports. If staged operation is proposed, or operation is commenced of part of the CSSI, the Compliance Tracking Program must be implemented for the relevant period for each stage or part of the CSSI.	All project phases	GRCLR has implemented the Compliance Tracking Program through: <ul style="list-style-type: none"> Quarterly compliance reviews via the TfNSW online software system INX Monthly environmental performance and compliance reporting. Some aspects of the Compliance Tracking Program are yet to be triggered for the Package 5 scope of works (e.g. environmental site surveillance, inspections and audits).	Compliant
A33	The Proponent must make each compliance report publicly available and notify the Department in writing when this has been done.	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered
A34	A Pre-Construction Compliance Report must be prepared and submitted to the Secretary for information no later than one (1) month before the commencement of construction (or each stage of construction identified in the Staging Report).	Pre-construction	This Pre-construction Compliance Report will be submitted to DPIE prior to the commencement of construction of Package 5 works.	Compliant
A35	The Pre-Construction Compliance Report must include: <p>(a) details of how the terms of this approval that must be addressed before the commencement of construction have been complied with; and</p> <p>(b) the proposed commencement date for construction.</p>	Pre-construction	This Pre-construction Compliance Report outlines how the terms of approval that must be addressed before the commencement of construction have been complied with for the Package 5 works. <p>Section 2.2 outlines the proposed commencement date for construction of the Package 5 works.</p>	Compliant
A36	Construction must not commence until the Pre-Construction Compliance Report has been submitted to the Secretary.	Pre-construction	Construction on Package 5 will not commence until this Pre-construction Report has been submitted to DPIE.	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
A37	<p>Construction Compliance Reports must be prepared and submitted to the Secretary for information every six (6) months from the date of the commencement of construction for the duration of construction. The Construction Compliance Reports must include:</p> <p>(a) a results summary and analysis of environmental monitoring;</p> <p>(b) the number of complaints received, including a summary of main areas of complaint, action taken, response given and proposed strategies for reducing the recurrence of such complaints;</p> <p>(c) details of any review of, and minor amendments made to, the CEMP as a result of construction carried out during the reporting period;</p> <p>(d) a register of any reviews of consistency undertaken including outcome;</p> <p>(e) results of any independent environmental audits and details of any actions taken in response to the recommendations of an audit;</p> <p>(f) a summary of all incidents notified in accordance with Conditions A44 and A46 of this approval; and</p> <p>(g) any other matter relating to compliance with the terms of this approval or as requested by the Secretary.</p>	Construction	Construction on Package 5 yet to commence.	Not triggered
A38	<p>A Pre-Operation Compliance Report must be prepared and submitted to the Secretary for information no later than one (1) month before the commencement of operation. The Pre-Operation Compliance Report must include:</p>	Operation		Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	(a) details of how the terms of this approval that must be addressed before the commencement of operation have been complied with; and (b) the commencement date for operation.			
A39	Operation must not commence until the Pre-Operation Compliance Report has been submitted to the Secretary for information.	Operation		Not triggered
A40	An Environmental Audit Program for annual independent environmental auditing against the terms of this approval must be prepared in accordance with AS/NZS ISO 19011:2014 - Guidelines for Auditing Management Systems and submitted to the Secretary for information no later than one month before the commencement of construction.	All project phases	An Environmental Audit Program for the construction stage of the PLR was prepared by TfNSW covering all works packages. The program was submitted to DPIE on 6 December 2018 prior to the commencement of construction on the first stage of the Project (Package 1).	Compliant
A41	The Environmental Audit Program, as submitted to the Secretary, must be implemented for the duration of construction and operation.	All project phases	Not triggered for Package 5 during the pre-construction period. As per the Environmental Audit Program, the initial audit is required within 12 months of the commencement of construction on Package 5.	Not triggered
A42	All independent environmental audits of the CSSI must be conducted by a suitably qualified, experienced and independent auditor with, where required, a team of independent technical experts and be documented in an Environmental Audit Report which: (a) assesses the environmental performance of the CSSI, and its effects on the surrounding environment; (b) assesses whether the project is complying with the terms of this approval; and	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	(c) recommends measures or actions to improve the environmental performance of the CSSI.			
A43	The Proponent must submit a copy of the Environmental Audit Report to the Secretary for information, with a response to any recommendations contained in the audit report within six (6) weeks of completing the audit.	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered
A44	The Department must be notified in writing to compliance@planning.nsw.gov.au immediately after the Proponent becomes aware of an incident. The notification must identify the CSSI (including the application number and the name of the CSSI if it has one), and set out the location and nature of the incident.	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered
A45	Within one week of notification of an incident under Condition A44 of this approval, the Proponent must submit a report to the Department providing the time and date of the incident, details of the incident and must identify any consequent non-compliance with this approval.	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered
A46	All written requirements of the Secretary, which may be given at any point in time, to address the cause or impact of an incident must be complied with, within any timeframe specified by the Secretary or relevant public authority.	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered
A47	If an incident occurs or if statutory notification is given to the EPA as required under the <i>Protection of the Environment Operations Act 1997</i> in relation to the CSSI, such notification must also be provided to the Secretary within 24 hours after the notification was given to the EPA.	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
B01	A Community Communication Strategy must be prepared to provide mechanisms to facilitate communication between the Proponent, the community (including adjoining affected landowners and businesses, and others directly impacted by the CSSI), the ER and Council during the design, establishment and construction of the CSSI and for a minimum of 12 months following the completion of construction of the CSSI.	Pre-construction	A Project wide PLR Community Communication Strategy was approved by DPIE on 19 February 2019 (PLR-TFNSW-CBD-PE-PLN-000001). GRCLR has developed a Communication and Engagement Plan (PLR1SOM-GLR-ALL-PM-PLN-000007) which outlines how GRCLR will comply with the project wide Community Communication Strategy for the Package 5 works.	Compliant
B02	The Community Communication Strategy must: (a) identify people and organisations to be consulted during the design and work phases; (b) set out procedures and mechanisms for the regular distribution of accessible information about or relevant to the CSSI including use of construction hoardings to provide information regarding the progress of construction. The information to be distributed must include information regarding current site construction activities, schedules and milestones at each construction site; (c) provide for the formation of issue or location-based community forums that focus on key environmental management issues of concern to the relevant communities; and (d) set out procedures and mechanisms: i) through which the community can discuss or provide feedback to the Proponent; ii) through which the Proponent will respond to enquiries or feedback from the community; and	Pre-construction	A Project wide PLR Community Communication Strategy was approved by DPIE on 19 February 2019 (PLR-TFNSW-CBD-PE-PLN-000001).	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	iii) to resolve any issues and mediate any disputes that may arise in relation to construction of the CSSI, including disputes regarding rectification or compensation.			
B03	The Community Communication Strategy must be submitted to the Secretary for approval no later than one month before commencement of any works.	Pre-construction	A Project wide PLR Community Communication Strategy was approved by DPIE on 19 February 2019 (PLR-TFNSW-CBD-PE-PLN-000001).	Compliant
B04	Works for the purposes of the CSSI must not commence until the Community Communication Strategy has been approved by the Secretary.	Pre-construction	A Project wide PLR Community Communication Strategy was approved by DPIE on 19 February 2019 (PLR-TFNSW-CBD-PE-PLN-000001).	Compliant
B05	The Community Communication Strategy, as approved by the Secretary, must be implemented for the duration of the works and for 12 months following the completion of construction of the CSSI.	All project phases	GRCLR has developed a Communication and Engagement Plan (PLR1SOM-GLR-ALL-PM-PLN-000007) which outlines how GRCLR will comply with the project wide Community Communication Strategy for the Package 5 works.	Compliant
B06	A Complaints Management System must be prepared before the commencement of any works in respect of the CSSI and be implemented and maintained for the duration of construction and for a minimum 12 months following completion of construction of the CSSI.	All project phases	The Complaints Management System is detailed in Appendix A of PLR Community Communication Strategy. (PLR-TFNSW-CBD-PE-PLN-000001). Implementation of the Complaints Management System is yet to commence for Package 5.	Compliant (preparation) Not triggered (implementation)
B07	The following information must be available to facilitate community enquiries and manage complaints within one (1) month from the date of this approval and for 12 months following the completion of construction: (a) a 24 hour telephone number for the registration of complaints and enquiries about the CSSI; (b) a postal address to which written complaints and enquires may be sent;	Pre-construction	The approved Community Consultation Strategy includes the details required by Condition B7, including: (a) 24 Telephone Number: 1800 139 389 (b) Level 10/130 George Street Parramatta (c) parramattalightrail@transport.nsw.gov.au (d) as per the Community Consultation Strategy Appendix A.	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>(c) an email address to which electronic complaints and enquiries may be transmitted; and</p> <p>(d) a mediation system for complaints unable to be resolved.</p> <p>This information must be accessible to all in the community regardless of age, ethnicity, disability or literacy level.</p>		<p>Notifications produced by the Project include (a) and (b) and the Project's website includes contact information as identified in (a) to (c).</p>	
B08	<p>The telephone number, postal address and email address required under Condition B7 of this approval must be published in a newspaper circulating in the local area and on-site hoarding at each construction site before commencement of construction and published in the same way again before the commencement of operation. This information must also be provided on the website required under Condition B11 of this approval.</p>	<p>Pre-construction Pre-operation</p>	<p>An advertisement was circulated in three local newspapers (Parramatta Advertiser, Hills Shire Times and the Northern District Times) between the 15 and 16 January 2019 with the contact details required by B7.</p> <p>The Project's website includes contact information required by Condition B7 on the 'contact us' page.</p>	Compliant
B09	<p>A Complaints Register must be maintained to record information on all complaints received about the CSSI during the carrying out of any works for the purposes of the CSSI and for a minimum of 12 months following the completion of construction. The Complaints Register must record the:</p> <p>(a) number of complaints received;</p> <p>(b) number of people affected in relation to a complaint;</p> <p>(c) means by which the complaint was addressed and whether resolution was reached, with or without mediation.</p>	<p>All project phases</p>	<p>No complaints have been received for the Package 5 works as construction is yet to commence.</p>	Not triggered
B10	<p>The Complaints Register must be provided to the Secretary upon request, within the timeframe stated in the request.</p>	<p>All project phases</p>	<p>Not triggered for Package 5 during the pre-construction period.</p>	Not triggered
B11	<p>A website providing information in relation to the CSSI must be established before commencement of works and maintained for the duration of construction, and for a minimum of 24 months following the completion of</p>	<p>All project phases</p>	<p>A website has been established by TfNSW for the PLR (http://parramattalightrail.nsw.gov.au/).</p>	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>construction. Up-to-date information (excluding confidential commercial information) must be published before the relevant works commence, and maintained on the website or dedicated pages including:</p> <p>(a) information on the current implementation status of the CSSI;</p> <p>(b) a copy of the documents listed in Condition A1 and Condition A2 of this approval, and any documentation relating to any modifications made to the CSSI or the terms of this approval;</p> <p>(c) a copy of this approval in its original form, a current consolidated copy of this approval (that is, including any approved modifications to its terms), and copies of any approval granted by the Minister to a modification of the terms of this approval;</p> <p>(d) a copy of each statutory approval, licence or permit required and obtained in relation to the CSSI;</p> <p>(e) a current copy of each approved document required under the terms of this approval and any endorsements, approvals or requirements from the ER, AA and Secretary, all of which must be published before the commencement of any works to which they relate or before their implementation as the case may be; and</p> <p>(f) a copy of the compliance reports required under Condition A30 of this approval.</p>		<p>For the Package 5 scope of work, there were no documents issued to TfNSW for publishing on the website during the pre-construction period.</p>	
C01	<p>A Construction Environmental Management Plan (CEMP) must be prepared to detail how the performance outcomes, commitments and mitigation measures specified in the documents listed in Condition A1 will be implemented and achieved during construction.</p>	Pre-construction	<p>A Construction Environmental Management Plan (CEMP - PLR1SOM-GLR-ALL-PM-PLN-000014) has been prepared and submitted to DPIE.</p> <p>The CEMP will be implemented during construction.</p>	<p>Compliant (preparation)</p> <p>Not triggered (implementation)</p>

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
C02	<p>The CEMP must provide:</p> <p>(a) a description of activities to be undertaken during construction (including the scheduling of construction);</p> <p>(b) details of environmental policies, guidelines and principles to be followed in the construction of the CSSI;</p> <p>(c) a program for ongoing analysis of the key environmental risks arising from the activities described in subsection (a) of this condition, including an initial risk assessment undertaken before the commencement of construction of the CSSI;</p> <p>(d) details of how the activities described in subsection (a) of this condition will be carried out to:</p> <p>i) meet the performance outcomes stated in the documents identified in Condition A1; and</p> <p>ii) manage the risks identified in the risk analysis undertaken in subsection (c) of this condition;</p> <p>(e) an inspection program detailing the activities to be inspected and frequency of inspections;</p> <p>(f) a protocol for managing and reporting any:</p> <p>i) incidents; and</p> <p>ii) non-compliances with this approval and with statutory requirements.</p> <p>(g) procedures for rectifying any non-compliance with this approval identified during compliance auditing, incident management or at any time during construction;</p> <p>(h) a list of all the CEMP Sub-plans required in respect of construction, as set out in Condition C3. Where staged construction of the CSSI is proposed, the CEMP must also</p>	Pre-construction	The CEMP (PLR1SOM-GLR-ALL-PM-PLN-000014) addresses these requirements for Activity A as summarised in Table 1-3 of the CEMP.	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>identify which CEMP Sub-plan applies to each of the proposed stages of construction;</p> <p>(i) a description of the roles and environmental responsibilities for relevant employees and their relationship with the ER;</p> <p>(j) for training and induction for employees, including contractors and sub-contractors, in relation to environmental and compliance obligations under the terms of this approval;</p> <p>(k) for periodic review and update of the CEMP and all associated plans and programs.</p>			
C03	<p>The following CEMP Sub-plans must be prepared in consultation with the relevant government agencies identified for each CEMP Sub-plan and be consistent with the CEMP referred to in Condition C1:</p> <p>Required CEMP Sub-plan; Relevant government agencies to be consulted for each CEMP Sub-plan; Secretary Approval/ Information</p> <p>(a) Traffic, transport and access; Relevant Council(s), Roads and Maritime Services, Emergency Services; Information</p> <p>(b) Noise and vibration; Relevant Council(s), EPA, NSW Health; Approval</p> <p>(c) Flood Management; Relevant Council(s), OEH, Sydney Water; Information</p> <p>(d) Heritage; Relevant Council(s), OEH; Approval</p> <p>(e) Flora and Fauna/Biodiversity; Relevant Council(s), OEH; Information</p>	Pre-construction	<p>The following CEMP Sub-plans were prepared in consultation with relevant government agencies for Activity A (works at the SaMF). These will be updated for the full alignment (Activity B) prior to construction activities outside the SaMF:</p> <p>a) Traffic, Transport and Access Management Plan (PLR1SOM-GLR-ALL-PM-PLN-000032)</p> <p>b) Construction Noise and Vibration Management Plan (PLR1SOM-GLR-ALL-EN-RPT-001007)</p> <p>c) Flood Management Plan (PLR1SOM-GLR-ALL-PM-PLN-000004)</p> <p>d) Heritage Management Plan (PLR1SOM-GLR-ALL-PM-PLN-000037)</p> <p>e) Flora and Fauna Management Plan (PLR1SOM-GLR-ALL-PM-PLN-000033).</p> <p>Details of consultation are included in the Consultation Report prepared for each Plan and provided to the Secretary as required by CoA C5.</p>	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
			The CEMP Sub-plans are consistent with the CEMP (PLR1SOM-GLR-ALL-PM-PLN-000014).	
C04	<p>The CEMP Sub-plans must state how:</p> <p>(a) the environmental performance outcomes identified in the documents listed in Condition A1 will be achieved;</p> <p>(b) the mitigation measures identified in the documents listed in Condition A1 will be implemented;</p> <p>(c) the relevant terms of this approval will be complied with; and</p> <p>(d) issues requiring management during construction, as identified through ongoing environmental risk analysis, will be managed.</p>	Pre-construction	<p>The CEMP Sub-plans were prepared as required by CoA C4 for Activity A.</p> <p>a) Section 3.4 outlines the environmental performance outcomes.</p> <p>b) Section 3.2 and 3.3 includes the relevant CoA and REMMMs and how they have been addressed.</p> <p>c) Specific management issues during construction are outlined in Section 4, Environmental Aspects and Impacts</p>	Compliant
C05	<p>The CEMP Sub-plans must be developed in consultation with relevant government agencies (including Relevant Council(s)). Details of all information requested by an agency to be included in a CEMP Sub-plan as a result of consultation, including all copies of correspondence from those agencies, must be provided to the Secretary with the relevant CEMP Sub-plan.</p>	Pre-construction	<p>CEMP Sub-plans have been prepared in consultation with relevant government agencies and evidence of consultation was provided to the Secretary in Consultation Report submitted with the CEMP Sub-plans:</p> <p>The following Consultation Reports have been submitted during the pre-construction period:</p> <ul style="list-style-type: none"> • CNVMP Consultation Report (PLR1SOM-GLR-ALL-EN-RPT-001004) submitted on 12 November 2020 • CNVMonP Consultation Report (PLR1SOM-GLR-ALL-EN-RPT-001005) submitted on 26 October 2020 • SWMP Consultation Report (LR1SOM-GLR-ALL-EN-RPT-001006) submitted on 30 October 2020 	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
			<ul style="list-style-type: none"> • TTAMP Consultation Report (PLR1SOM-GLR-ALL-EN-RPT-001007) submitted on 6 November 2020 • FMP Consultation Report (PLR1SOM-GLR-ALL-EN-RPT-001008) submitted on 30 November 2020 • FFMP Consultation Report (PLR1SOM-GLR-ALL-EN-RPT-001009) submitted on 26 October 2020 • HMP Consultation Report (PLR1SOM-GLR-ALL-EN-RPT-001010) submitted on 26 October 2020. 	
C06	Any of the CEMP Sub-plans may be submitted along with, or subsequent to, the submission of the CEMP but in any event, no later than one month before construction.	Pre-construction	The CEMP and sub-plans have been submitted for approval in accordance with the timeframes nominated in this CoA.	Compliant
C07	The CEMP must be endorsed by the ER and then submitted to the Secretary for approval no later than one month before the commencement of construction.	Pre-construction	The CEMP was endorsed by the ER and submitted to the Secretary, subject to approval of CEMP Sub-Plans (PLR1SOM-GLR-ALL-PM-PLN-000014).	Compliant
C08	Construction must not commence until the CEMP and any CEMP Sub-plan specified in Condition C3 have been submitted to or approved by the Secretary. The CEMP and CEMP Sub-plans, submitted to or approved by the Secretary, including any minor amendments approved by the ER must be implemented for the duration of construction. Where construction of the CSSI is staged, construction of a stage must not commence until the CEMP and Sub-plans for that stage have been submitted to or approved by the Secretary.	Pre-construction	<p>The CEMP was approved by DPIE for Activity A on 9 March 2021</p> <p>The CHMP and CNVMP were approved by DPIE for Activity A and B on 9 March 2021</p> <p>The other sub-plans were provided to DPIE for information only as they do not require approval.</p>	<p>Compliant (preparation)</p> <p>Not triggered (implementation)</p>

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	Note: the requirement to submit or have a CEMP or CEMP Sub-plan approved is specified in Condition C3.			
C09	<p>The following Construction Monitoring Programs must be prepared in consultation with the relevant government agencies for each to compare actual performance of construction of the CSSI against performance predicted in the documents listed in Condition A1 or in the CEMP:</p> <p>Required Construction Monitoring Programs; Relevant government agencies to be consulted for each Construction; Monitoring Program</p> <p>(a) Water Quality (Turbidity) Monitoring; DoI Water, EPA, Relevant Council(s)</p> <p>(b) Noise and Vibration Monitoring; Relevant Council(s), EPA, NSW Health (as relevant)</p> <p>(c) Grey-headed flying fox Monitoring; OEH</p>	Pre-construction	<p>Construction Monitoring Programs have been prepared in consultation with the relevant government agencies to meet the requirements of CoA C9:</p> <p>(a) Monitoring of water quality (turbidity) is not proposed as part of a delivery of the Package 5 scope of work. The Soil and Water Management Plan (PLR1SOM-GLR-ALL-PM-PLN-000035) has been approved by DPIE and includes an exemption from preparing a Water Quality (Turbidity) Monitoring Program.</p> <p>(b) A Construction Noise and Vibration Monitoring Program has been prepared with consultation with key stakeholders and has been submitted to DPIE (PLR1SOM-GLR-ALL-EN-PRG-000001).</p> <p>(c) The Grey Headed Flying Fox Monitoring Program has been prepared by TfNSW (PLR-TFNSW-CBD-PE-PRG-000001).</p>	Compliant
C10	<p>Each Construction Monitoring Program must provide:</p> <p>(a) details of baseline data available;</p> <p>(b) details of baseline data to be obtained and when;</p> <p>(c) details of all monitoring of the project to be undertaken;</p> <p>(d) the parameters of the project to be monitored;</p> <p>(e) the frequency of monitoring to be undertaken;</p> <p>(f) the location of monitoring;</p>	Pre-construction	<p>Construction Monitoring Programs have been prepared in consultation with the relevant government agencies to meet the requirements of CoA C10:</p> <p>The Construction Noise and Vibration Monitoring Program (PLR1SOM-GLR-ALL-EN-PRG-000001) has been prepared to address the requirements of CoA C10 as outlined in Table 1-1.</p>	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>(g) the reporting of monitoring results against relevant criteria;</p> <p>(h) procedures to identify and implement additional mitigation measures where results of monitoring are unsatisfactory; and</p> <p>(i) any consultation to be undertaken in relation to the monitoring programs.</p>			
C11	The noise and vibration monitoring data collected during monitoring required by Condition C9 must be available to the Proponent, ER, AA, Relevant Council(s) and the community to inform construction scheduling, the level of impacts and whether additional mitigation is required. The Department must also be provided access to this data if specifically requested.	Construction	Construction on Package 5 yet to commence.	Not triggered
C12	The Construction Monitoring Programs must be developed in consultation with relevant government agencies and Relevant Council(s) as identified in Condition C9 of this approval and must include, information requested by an agency to be included in a Construction Monitoring Programs during such consultation. Details of all information requested by an agency, including copies of all correspondence from those agencies, must be provided with the relevant Construction Monitoring Program.	Pre-construction	The Construction Noise and Vibration Monitoring Program (PLR1SOM-GLR-ALL-EN-PRG-000001) has been prepared with consultation with key stakeholders as documented in Section 2 of the Program.	Compliant
C13	The Construction Monitoring Programs must be endorsed by the ER and submitted to the Secretary for information at least one month before the commencement of construction.	Pre-construction	The Construction Noise and Vibration Monitoring Program (PLR1SOM-GLR-ALL-EN-PRG-000001) was endorsed by the AA on 21 October 2020 and was submitted to DPIE on 15 January 2021.	Compliant
C14	Construction must not commence until the Secretary has received all of the required Construction Monitoring	Pre-construction	The Construction Noise and Vibration Monitoring Program (PLR1SOM-GLR-ALL-EN-PRG-000001)	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	Programs, and all relevant baseline data for the specific construction activity has been collected.		was provided to DPIE on 15 January 2021 prior to the commencement of construction.	
C15	The Construction Monitoring Programs, as submitted to the Secretary including any minor amendments approved by the ER must be implemented for the duration of construction and for any longer period set out in the monitoring program or specified by the Secretary, whichever is the greater.	Construction	Construction on Package 5 yet to commence.	Not triggered
C16	The results of the Construction Monitoring Programs must be submitted to the Secretary, and relevant regulatory agencies, for information in the form of a Construction Monitoring Report at the frequency identified in the relevant Construction Monitoring Program.	Construction	Construction on Package 5 yet to commence.	Not triggered
C17	Where a relevant CEMP Sub-plan exists, the relevant Construction Monitoring Program may be incorporated into that CEMP Sub-plan.	Pre-construction	GRCLR has elected to prepare the Construction Noise and Vibration Monitoring Program (PLR1SOM-GLR-ALL-EN-PRG-000001) as a separate document to the Noise and Vibration Management Plan (PLR1SOM-GLR-ALL-PM-PLN-000034).	Compliant
C18	Before establishment of any construction ancillary facility as identified in the EIS and SPIR (and excluding minor construction ancillary facilities), the Proponent must prepare a Site Establishment Management Plan which outlines the environmental management practices and procedures to be implemented for the establishment of the construction ancillary facilities. The Site Establishment Management Plan must be prepared in consultation with the relevant council(s) and relevant government authorities. The Plan must be submitted to the Secretary for approval one (1) month before establishment of any construction ancillary facilities. The Site Establishment Management Plan must detail the	Pre-construction	A Site Establishment Management Plan (SEMP - PLR1SOM-GLR-ALL-PE-PLN-001002) has been prepared in consultation with the City of Parramatta Council (CoPC) and relevant government authorities. The SEMP has been prepared to address the requirements of CoA C18 in terms of its contents. The SEMP has been provided to the ER for endorsement and will be submitted to DPIE for approval one month prior to the establishment of any construction ancillary facilities identified in the EIS and SPIR.	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>management of the construction ancillary facilities and include:</p> <p>(a) a description of activities to be undertaken during establishment of the construction ancillary facility (including scheduling and duration of works to be undertaken at the site);</p> <p>(b) figures illustrating the proposed operational site layout(s);</p> <p>(c) a program for ongoing analysis of the key environmental risks arising from the site establishment activities described in subsection (a) of this condition, including an initial risk assessment undertaken before the commencement of site establishment works;</p> <p>(d) details of how the site establishment activities described in subsection (a) of this condition will be carried out to:</p> <p>i) meet the performance outcomes stated in the documents listed in the documents identified Condition A1,</p> <p>ii) to address traffic, pedestrian access and amenity around each site, and</p> <p>iii) manage the risks identified in the risk analysis undertaken in subsection (c) of this condition; and</p> <p>(e) a program for monitoring the performance outcomes, including a program for construction noise monitoring consistent with the requirements of Conditions C9 and C11.</p>			
C19	Boundary fencing that incorporates screening must be erected around all construction ancillary facilities that are adjacent to sensitive receivers for the duration of site establishment and construction of the CSSI unless otherwise agreed with Relevant Council(s), affected residents,	Construction	Construction on Package 5 yet to commence.	Not triggered

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	business operators and/or landowners and in accordance with Condition B2(b).			
C20	Boundary screening required under Condition C19 of this approval must reduce visual, noise and air quality impacts on adjacent sensitive receivers.	Construction	Construction on Package 5 yet to commence.	Not triggered
C21	All construction spoil haulage vehicles, and construction plant must be clearly marked as being for the CSSI in such a manner to enable immediate identification within at least 50 metres of the vehicles and plant.	Construction	Construction on Package 5 yet to commence.	Not triggered
D01	An Operational Environmental Management Plan (OEMP) must be prepared to detail how the performance outcomes, commitments and mitigation measures made and identified in the documents listed in Condition A1 will be implemented and achieved during CSSI operation. This condition does not apply if Condition D2 of this approval applies.	Operation		Not triggered
D02	An OEMP is not required for the CSSI if the Proponent has an Environmental Management System (EMS) or equivalent as agreed with the Secretary, and can demonstrate, to the written satisfaction of the Secretary, that through the EMS: (a) the performance outcomes, commitments and mitigation measures made and identified in the documents listed in Condition A1 and these conditions of approval can be achieved; (b) issues identified through ongoing risk analysis can be managed; and (c) procedures are in place for rectifying any non-compliance with this approval identified during compliance auditing, incident management or any other time during operation.	Operation		Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
D03	<p>Where an OEMP is required, the Proponent must include the following OEMP Sub-plans in the OEMP.</p> <p>Required OEMP Sub-plan; Relevant government agencies to be consulted for each OEMP Sub-plan; Secretary Approval/ Information</p> <p>(a) Light rail Operations during Special Events (including access); Relevant Council(s), RMS, Police, Western Sydney Stadium, Rosehill Racecourse and Parramatta Park Trust; Information</p>	Operation		Not triggered
D04	Each of the OEMP Sub-plans must include the information set out in Condition D2 of this approval.	Operation		Not triggered
D05	The OEMP Sub-plans must be developed in consultation with relevant government agencies as identified in Condition D3 and must include information requested by an agency. Details of all information requested by an agency or Council(s) to be included in an OEMP Sub-plan as a result of consultation, including copies of all correspondence from those agencies, must be provided with the relevant OEMP Sub-Plan.	Operation		Not triggered
D06	The OEMP Sub-plans must be submitted to the Secretary as part of the OEMP.	Operation		Not triggered
D07	The OEMP or EMS or equivalent as agreed with the Secretary, must be submitted to the Secretary for information no later than one month before the commencement of operation.	Operation		Not triggered
D08	The OEMP or EMS or equivalent as agreed with the Secretary, as submitted to the Secretary and amended from time to time, must be implemented for the duration of CSSI	Operation		Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	operation and the OEMP must be made publicly available before the commencement of operation.			
E01	The CSSI must be designed, constructed and operated so that it does not adversely impact network connectivity, or the safety and efficiency of the transport system near the CSSI in a manner which is consistent with the impacts predicted in the documents referred to in Condition A1.	All project phases	All road intersection equipment has been designed and positioned as per RMS specifications. Refer to Design Package SOM13 Road Signalling (PLR1SOM-GLR-ALL-SG-RPT-131001). Design of the traffic control signal (TCS) system is the responsibility of the Package 4 Contractor.	Compliant
E02	In relation to new or modified road, parking, pedestrian and cycle infrastructure, the CSSI must be designed: (a) in consultation with the relevant road authority; (b) in consideration of existing and future demand, road safety and traffic network impacts; (c) to meet relevant design, engineering and safety guidelines, including Austroads Guides; and (d) is certified by an appropriately qualified and experienced person that the above matters have been appropriately considered.	Pre-construction	The only new or modified road, parking, pedestrian and cycle infrastructure included in the Package 5 scope of works is three new parking bays and footpath access to the BOCC (within TfNSW land), parking spaces at some TPS sites (on private property) and internal access roads and parking spaces at the SaMF. These have been designed in accordance with the relevant design, engineering and safety guidelines and in consultation with relevant authorities as outlined in the Design Reports for the BOCC, TPS and SaMF Road Works. The designs have been certified by WSP, a TfNSW Authorised Engineering Organisation.	Compliant
E03	An independent Road Safety Audit(s) must be undertaken by an appropriately qualified and experienced person in accordance with Guidelines for Road Safety Audit Practices (RTA, 2011), to assess the safety performance of any new or modified local road, parking, pedestrian and cycle infrastructure provided as part of the CSSI (including ancillary facilities) to ensure that the requirements of Condition E2 are met. Audit findings and recommendations	All project phases	A Road Safety Audit was conducted by WSP Road Safety Auditors to assess the road safety risks for road users associated with the design of the six TPSs and the BOCC. The audit made a number of findings which were incorporated into the TPS and BOCC design packages. A Road Safety Audit was not required for the SaMF site as it is a privately privately-operated and	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	must be actioned and must be made available to the Secretary on request.		controlled facility that will not impact on network safety or connectivity. Internal roads will only be used by the operators at low volumes and at low speed. A road safety audit is required for the Grand Avenue Intersection and has been undertaken by the Package 4 Contractor.	
E04	Where bus stops are required to be temporarily closed or relocated, such closure must not occur until bus stops of equivalent capacity, of comparable stop type and which meet accessibility standards (where practicable), are relocated within 400 metres walking distance of the existing bus stop and are operating, unless agreed otherwise with the Relevant Council(s) and bus services provider(s). Closure and relocation of bus stops during construction must be undertaken in consultation with the relevant bus service providers and relevant council(s). Wayfinding signage must be provided to direct commuters to relocated bus stops.	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered
E05	Construction vehicles (including staff vehicles) associated with the CSSI must: (a) minimise parking or queuing on public roads and utilise the light rail corridor for construction vehicle and staff movements to the greatest extent practicable; (b) not idle or queue in local residential streets; (c) minimise use of routes on local roads that directly pass schools or childcare centres, or where no alternative route is available, restrict heavy vehicle movements between 8:00am and 9:30am and between 2:30pm and 4:00pm Monday to Friday, during the school term; (d) not use local roads (including residential streets) to gain access to construction sites and compounds unless no	Construction	Construction on Package 5 yet to commence.	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>alternatives are available. Construction sites must be accessed from arterial roads and the rail corridor used for transportation of construction materials and the like to work sites to the greatest extent practicable; and</p> <p>(e) adhere to the nominated haulage routes identified in the Construction Traffic, Transport and Access Management Plan required under Condition C3.</p>			
E06	<p>Current condition reports for all existing roads and all existing property and infrastructure in the road reserve where the physical condition is likely to be adversely affected during work must be prepared before commencement of such work. The report must state the current condition of the asset. A copy of the report must be provided to the asset owner no later than one month before the commencement of works of the CSSI.</p>	Pre-construction	<p>Condition reports for roads and existing property and infrastructure in the road reserve have been undertaken by the Package 3 and Package 4 Contractors prior to the commencement of construction. These will be provided to GRCLR upon hand over of the roads and assets affected by the Package 5 works.</p>	Not triggered
E07	<p>If damage occurs to any item outlined in Condition E6 resulting from the works, aside from that resulting from normal wear and tear, the Proponent must either (at the asset owner's discretion):</p> <p>(a) compensate the asset owner for the damage so caused. The amount of compensation may be agreed with the asset owner, but compensation must be paid even if no agreement is reached; or</p> <p>(b) rectify the damage so as to restore the item to at least the condition it was in pre-works. Any repairs must be completed before the commencement of CSSI operations.</p>	Construction	<p>Construction on Package 5 yet to commence.</p>	Not triggered
E08	<p>The Proponent must maintain access to all properties during construction and operation, unless otherwise agreed by the relevant property owner or occupier, and reinstate any access physically affected by the CSSI to at least an</p>	All project phases	<p>Not triggered for Package 5 during the pre-construction period.</p>	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	equivalent standard at no cost to the property owner, unless otherwise agreed with the property owner. The Proponent must provide copies of plans to the Secretary on request.			
E09	<p>Access plans must be prepared and implemented for individual properties and accesses that will be impacted by construction and operation of the CSSI. The access plans must be developed in consultation with affected parties (property owner and/or occupier, as relevant) and the Proponent must make reasonable endeavours to obtain agreement from the relevant affected parties, and evidence of consultation demonstrating this must be provided to the Secretary on request. The access plans must establish:</p> <ul style="list-style-type: none"> (a) road and access closures and provision of alternative routes; (b) provision for pedestrian and cyclist access; (c) special event strategies; (d) provision of servicing and delivery requirements for loading zones and waste disposal; (e) access periods or alternative access arrangements for businesses, landowners or tenants affected by the CSSI; (f) strategies to maintain emergency and incident response access at all times; (g) potential future access strategies for the Westmead Hospital and Westmead Railway Station; and (h) access to taxi ranks and loading zones. <p>If access is not deemed to be adequate by the property owner and/or occupier and a dispute ensues, procedures and mechanisms must be followed in accordance with Condition B2.</p>	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
E10	<p>The Proponent must prepare and implement a Network Management Strategy for construction of the CSSI, in consultation with RMS, Sydney Coordination Office and Relevant Council(s) before impacts on the road network (including intersections) occur. The Strategy must determine appropriate measures to manage impacts to traffic identified in the documents listed in Condition A1, and must include:</p> <ul style="list-style-type: none"> (a) details of impacts to the network from road closures, directional changes, night works and traffic diversions; (b) details of further appropriate network/intersection modelling and analysis undertaken since the EIS and/or Submissions Report was prepared; (c) consideration of cumulative impacts from other construction projects; (d) details of the required intersection upgrades and traffic management measures by precinct to minimise the impacts identified above; (e) vehicular access changes; (f) special event management; and (g) changes to bus services. <p>The Strategy must focus on the management of construction related traffic impacts and be provided to the Secretary for information before construction commences.</p>	Pre-construction	<p>A Network Management Strategy (NMS) has been prepared by TfNSW and will be implemented by GRCLR.</p> <p>The Construction Traffic, Transport and Access Management Sub Plan (PLR1SOM-GLR-ALL-PM-PLN-000032) has addressed the relevant requirements of the NMS.</p>	Compliant
E11	<p>A Parking Management Strategy must be prepared before permanent or long term loss of parking i.e. greater than three (3) months. The Strategy must be implemented in consultation with the relevant road authority and Relevant Council(s) to manage car parking impacts and kerbside parking access, particularly for the Westmead, Parramatta North, and Parramatta CBD precincts, as a result of the</p>	Pre-construction	<p>A Parking Management Strategy has been prepared for the other work Packages.</p> <p>The Package 5 works are unlikely to trigger the preparation of a Parking Management Strategy. If required, a Parking Management Strategy will be</p>	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>CSSI. The Parking Management Strategy must include, but not be limited to:</p> <ul style="list-style-type: none"> (a) confirmation of the timing of the removal of on and off-street parking associated with the construction of the CSSI; (b) comprehensive parking surveys of all parking spaces to be removed to determine current demand during peak, off-peak, school drop-off and pick-up, and weekend periods; (c) assessment of the impacts of changes to on and off-street parking taking into consideration outcomes of consultation with affected stakeholders; (d) identification of measures to manage any reduction in parking including staged removal, resident parking schemes, managed staff parking arrangements, and provision of alternative parking arrangements for accessible and service spaces; (e) replacement parking for specific impacted kerbside uses (e.g. accessible parking and loading zones) within the local vicinity with consideration of the <i>Disability Discrimination Act 1992</i> (DDA) Public Transport Standards and the DDA Access Code (2010); and (f) monitoring on the efficacy of these measures, including potential unintended traffic impacts and contingencies in the event that the measures implemented are not adequate. <p>The Parking Management Strategy must be submitted to the Secretary for information and the results of monitoring reported in the Operational Traffic, Transport and Access Performance Review required by Condition E18.</p>		<p>developed before any permanent or long-term loss of parking and provided to the Secretary for information.</p>	
E12	<p>Safe pedestrian and cyclist access must be maintained around work sites during construction. In circumstances where pedestrian and cyclist access is restricted or removed</p>	Construction	Construction on Package 5 yet to commence.	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	due to construction activities, an alternate equivalent route which complies with the relevant standards must be provided and signposted.			
E13	Bicycle parking/rack facilities are required to be installed at all light rail stops within the Carlingford precinct, unless these facilities already exist.	Pre-construction	Not Applicable to Package 5 works. The Package 4 Contractor is responsible for provision of bicycle parking at light rail stops.	Not triggered
E14	<p>A Pedestrian and Cyclist Network and Facilities Strategy must be prepared in consultation with Relevant Council(s), RMS, Pedestrian Council of Australia and Bicycle NSW. The Strategy must identify safe and accessible pedestrian and cycle paths, during construction and operation, including facilitation of future cycle paths and dedicated cycleways as identified in the documents listed in Condition A1, state and local government plans, with the objective of providing seamless, coherent, visible, and safe pedestrian and cycle access throughout and adjacent to the CSSI corridor. The Strategy must consider:</p> <p>(a) existing and proposed local and regional pedestrian and cycle facilities and strategies;</p> <p>(b) safety for pedestrians in pedestrianised zones;</p> <p>(c) alternative cycle routes during construction, based on safety and efficiency, and contingencies in the event that relocated routes are found to be inadequate;</p> <p>(d) pedestrian and cycle access, including local and regional pedestrian and bicycle connections;</p> <p>(e) demand for pedestrian and cycle facilities with consideration of measures to encourage an increased pedestrian and cycle mode share;</p> <p>(f) signage and way finding;</p>	Pre-construction	<p>A Pedestrian and Cyclist Network and Facilities Strategy has been prepared by the Package 4 Contractor (PLR1INF-BECA-ALL-EN-RPT-000001) and was submitted to DPIE on 18 December 2020.</p> <p>GRCLR has prepared a Pedestrian and Cyclist Network and Facilities Strategy Addendum for the Package 5 scope of works to address (f) and (g). This Addendum has been submitted to CoPC, Cumberland Council, RMS, Pedestrian Council of Australia and Bicycle NSW for consultation and will be submitted to the Secretary for information.</p>	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>(g) cycle storage facilities on light rail vehicles; and</p> <p>(h) the requirements of relevant design standards, including Austroads and NSW bicycle guidelines.</p> <p>The Pedestrian and Cyclist Network and Facilities Strategy must be submitted to the Secretary before construction of pedestrian/cyclist permanent built works (including the Active Transport Link) commences and implemented to ensure that all works are operational no later than the commencement of CSSI operations.</p>			
E15	The Proponent must maintain emergency vehicle access, in consultation with emergency services and NSW Health, to Westmead Hospital (along Hawkesbury Road) and between the two parts of the Cumberland Hospital site as long as patients continue to be located at each facility at all times throughout the life of the CSSI. Measures must be outlined in the relevant access plan required under Condition E9.	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered
E16	During works, the Proponent must ensure all practicable measures are implemented to maintain pedestrian and vehicular access to, and parking near, businesses and affected properties.	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered
E17	Alternative pedestrian and vehicular access, and servicing arrangements must be developed in consultation with affected businesses and implemented before the disruption. Adequate wayfinding to businesses must be provided before, and for the duration of, any disruption in consultation with the Relevant Council(s) and/or road authority and as outlined in the Business Activation Plan required by Condition E110. The Proponent must make reasonable endeavours to obtain agreement from the relevant affected	Construction	Construction on Package 5 yet to commence.	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>parties, and evidence of consultation demonstrating this must be provided to the Secretary on request.</p> <p>If access is not deemed to be adequate by the affected business and a dispute ensues, procedures and mechanisms must be followed in accordance with Condition B2.</p>			
E18	<p>The Proponent must prepare an Operational Traffic, Transport and Access Performance Review in consultation with RMS and Relevant Council(s). The monitoring and review shall be undertaken outside a school holiday period one month and twelve months after the commencement of CSSI operations. The review shall include, but not necessarily be limited to:</p> <p>(a) collection of traffic count data from key signalised intersections;</p> <p>(b) monitoring of changes to traffic flows, pedestrian flows, bus network changes and infrastructure associated with the CSSI;</p> <p>(c) results of monitoring and performance of traffic flows, pedestrian flows, bus network changes and infrastructure associated with the CSSI;</p> <p>(d) details of any complaints received relating to traffic, transport and access impacts; and</p> <p>(e) an assessment of the performance and effectiveness of the traffic, transport and access management and mitigation measures comparing actual network performance against modelled network performance.</p>	Operation		Not triggered
E19	<p>The Operational Traffic, Transport and Access Performance Review must be submitted to the Secretary, for information, and the relevant road authorities within one month of its</p>	Operation		Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	completion. If the assessment indicates ongoing traffic, transport and access issues attributable to the CSSI (such as from intersection level of service, queue lengths, road safety, and other relevant parameters of performance), which are not consistent with the outcomes predicted in the documents listed in Condition A1, the Proponent must implement additional measures to mitigate these impacts in consultation with the relevant road authority.			
E20	A detailed land use survey must be undertaken to confirm sensitive receivers (including critical working areas such as operating theatres, precision laboratories housing sensitive equipment and drama theatres) potentially exposed to construction noise and vibration, construction ground-borne noise and operational noise and vibration. The survey may be undertaken on a progressive basis but must be undertaken in any one area before the commencement of works which generate construction or operational noise, vibration or ground-borne noise in that area. The results of the survey must be used to develop the Noise and Vibration Management Sub-Plan required by Condition C3 and Construction Noise and Vibration Impact Statements required by Condition E42.	Pre-construction	A detailed landuse survey has been undertaken and informed the development of the CNVMP. The Landuse Survey Report (PLR1SOM-GLR-ALL-NV-RPT-001001) is attached to the CNVMP (PLR1SOM-GLR-ALL-PM-PLN-000034). The landuse survey includes a database as an excel spreadsheet (PLR1SOM-GLR-ALL-NV-RPT-001002).	Compliant
E21	Works must be undertaken during the following hours: (a) 7:00am to 6:00pm Mondays to Fridays, inclusive; (b) 8:00am to 12:00pm Saturdays; and (c) at no time on Sundays or public holidays.	All project phases	Pre-construction minor works were undertaken during the pre-construction period as approved by the ER for closed circuit television (CCTV) inspection of the stormwater drainage at the SaMF site. These activities were undertaken during normal working hours.	Compliant
E22	Notwithstanding Condition E21, and with the exception of 'Eat Street', works may be undertaken during the following hours:	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	(a) 6:00pm to 7:00pm Mondays to Fridays, inclusive; and (b) 12:00pm to 6:00pm Saturdays.			
E23	Notwithstanding Condition E21, works may be undertaken in the Camellia and Rosehill precincts (east of James Ruse Drive) and the Carlingford precinct (from Parramatta River to Victoria Road) 24 hours a day, seven days a week provided that sensitive receivers are not affected by noise levels of greater than 5 dBA above the rating background level at any residence in accordance with the Interim Construction Noise Guideline (DECC, 2009), between 10.00pm and 7.00am.	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered
E24	Construction outside the hours identified in Condition E21 along 'Eat Street' must be established through consultation with affected businesses as outlined in the Business Activation Plan required by Condition E110.	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered
E25	Works may be undertaken outside of the hours defined in Conditions E21 to E22, as applicable, but only if one or more of the following applies: (a) for the delivery of materials required by the NSW Police Force or other authority for safety reasons; or (b) where it is required in an emergency to avoid injury or the loss of life, to avoid damage or loss of property or to prevent environmental harm; or (c) where different hours of works are permitted or required under an EPL in force in respect of the CSSI; or (d) works approved under an Out-of-Hours Work Protocol for works not subject to an EPL; or (e) construction that causes LAeq(15 minute) noise levels:	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>i) no more than 5 dB(A) above the rating background level at any residence in accordance with the Interim Construction Noise Guideline (DECC, 2009), and</p> <p>ii) no more than the 'Noise affected' noise management levels specified in Table 3 of the Interim Construction Noise Guideline (DECC, 2009) at other sensitive land uses, and</p> <p>iii) no more than 15dBA above the night-time rating background level at any residence during the night time period, when measured using the LA1(1 minute) noise descriptor, and</p> <p>iv) continuous or impulsive vibration values, measured at the most affected residence are no more than the maximum values for human exposure to vibration, specified in Table 2.2 of Assessing Vibration: a technical guideline (DEC, 2006), and</p> <p>v) intermittent vibration values measured at the most affected residence are no more than the maximum values for human exposure to vibration, specified in Table 2.4 of Assessing Vibration: a technical guideline (DEC, 2006).</p>			
E26	<p>On becoming aware of the need for emergency construction works, the Proponent must notify the ER of the need for those activities or works. The Proponent must also use best endeavours to notify all affected sensitive receivers of the likely impact and duration of those works.</p>	Construction	Construction on Package 5 yet to commence.	Not triggered
E27	<p>Except as permitted by an EPL, or through the Out-of-Hours Work Protocol, Highly Noise Intensive Works that result in an exceedance of the applicable NML at the same sensitive receiver must only be undertaken:</p> <p>(a) between the hours of 8:00 am to 6:00 pm Monday to Friday;</p>	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>(b) between the hours of 8:00 am to 1:00 pm Saturday; and</p> <p>(c) in continuous blocks not exceeding three (3) hours each with a minimum respite from those activities and works of not less than one (1) hour between each block.</p> <p>For the purposes of this condition, 'continuous' includes any period during which there is less than a one (1) hour respite between ceasing and recommencing any of the work that are the subject of this condition.</p> <p>Note: A trial period of the Highly Noise Intensive Work undertaken with the approval of the Out of Hours Work Protocol may be established.</p>			
E28	<p>An Out-of-Hours Work Protocol must be prepared to identify a process for the consideration, management and approval of works which are outside the permitted hours defined in Conditions E21 to E22, where an EPL does not apply. The Protocol must be approved by the Secretary before commencement of out-of-hours works. The Protocol must be prepared and implemented in consultation with AA. The Protocol must:</p> <p>(a) provide a process for the consideration of out-of-hours works against the relevant noise and vibration criteria;</p> <p>(b) provide a process for the identification and implementation of mitigation and management measures for residual impacts, in consultation with the community at each affected location, consistent with the requirements of Condition E39;</p> <p>(c) identify an approval process that considers the risk level of activities (in accordance with AS/NZS ISO 31000:2009 "Risk Management"), proposed mitigation, management, and coordination, including where:</p>	Pre-construction	<p>An Out-of-Hours Works Protocol has been prepared by TfNSW and approved by DPIE. The Out-of-Hours Works Protocol provides consideration for out-of-hours works and identification of mitigation and management measures to be implemented including community notifications prior to out-of-hours works. The Out-of-Hours Works Protocol is in Appendix A of the CNVMP (PLR1SOM-GLR-ALL-PM-PLN-000034).</p>	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>i) low and moderate risk activities can be approved by the ER in consultation with the AA, and</p> <p>ii) high risk activities that are approved by the Secretary; and</p> <p>(d) identify Department and community notification arrangements for approved out of hours works, which will be detailed in the Communication Strategy.</p> <p>Note: This condition does not apply where work is required for an emergency (as defined in Condition E25 (b)).</p>			
E29	<p>Out-of-hours works that may be regulated through an EPL or the Out of Hours Work Protocol as per Condition E28 include, but are not limited to:</p> <p>(a) carrying out works that during standard hours would result in a high risk to construction personnel or public safety, based on a risk assessment carried out in accordance with AS/NZS ISO 31000:2009 “Risk Management”; or</p> <p>(b) the relevant road authority has advised the Proponent in writing that carrying out the works and activities during standard hours would result in a high risk to road network operational performance and a road occupancy licence will not be issued; or</p> <p>(c) the relevant utility service operator has advised the Proponent in writing that carrying out the works and activities during standard hours would result in a high risk to the operation and integrity of the utility network; or</p> <p>(d) where the TfNSW Transport Management Centre (or other road authority) has advised the Proponent in writing that a road occupancy licence is required and will not be issued for the works or activities during the hours specified in Condition E21 and Condition E22; or</p>	Construction	Construction on Package 5 yet to commence.	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	(e) where Sydney Trains (or other rail authority) has advised the Proponent in writing that a Rail Possession is required.			
E30	<p>Mitigation measures must be applied to construction activities that are predicted to result in the following residential ground-borne noise levels being exceeded as a result of the CSSI:</p> <p>(a) Evening (6.00pm to 10.00pm) – internal LAeq(15 minute): 40 dBA; and</p> <p>(b) Night (10.00pm to 7.00am) – internal LAeq(15 minute): 35 dBA.</p> <p>The mitigation measures must be outlined in the Construction Noise and Vibration Management Sub-Plan and the Out of Hours Works Protocol.</p>	Construction	Construction on Package 5 yet to commence.	Not triggered
E31	Noise generating works near places of worship, educational institutions and noise and vibration-sensitive businesses and critical working areas (such as theatres, laboratories, operating theatres, and mental health services and accommodation) must not be timetabled within sensitive periods, unless otherwise agreed with the affected institutions, and at no cost to the affected institution. This must be determined through ongoing consultation with the community during construction.	Construction	Construction on Package 5 yet to commence.	Not triggered
E32	The Proponent must consult with proponents or applicants of other State Significant development and infrastructure works near the CSSI and take reasonable steps to coordinate works to minimise cumulative impacts of noise and vibration and maximise respite for affected sensitive receivers.	Construction	Construction on Package 5 yet to commence.	Not triggered
E33	Construction noise mitigation measures must be implemented in accordance with Tables 4, 5, 6 and 7 of	Construction	Construction on Package 5 yet to commence.	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	TfNSW's Construction Noise and Vibration Strategy (2018), regardless of the number of sensitive receivers impacted.			
E34	Piling activities that affect sensitive receivers must be undertaken using quieter alternative methods than impact or percussion piling, such as bored piles or vibrated piles, where practicable.	Construction	Construction on Package 5 yet to commence.	Not triggered
E35	Nothing in this approval permits blasting for construction of the CSSI.	Construction	Noted. No blasting is proposed for the project works.	Compliant
E36	The Proponent must provide respite periods for sensitive receivers where any construction activity during the hours specified in Condition E21 results in noise levels that exceed the Highly Noise Affected Level of 75 dB (LAeq,15 minute).	Construction	Construction on Package 5 yet to commence.	Not triggered
E37	<p>Where works are undertaken outside hours specific in Condition E21 and E22 and construction noise levels exceed 65 dB(A) LAeq (15 mins) at the façade of the building of a residential receiver, the Proponent must only work 4 nights in any 7 day period. The 4 nights worked must be informed by community consultation referenced in Condition E39.</p> <p>Outcomes of the community consultation, the identified works and respite periods and the scheduling of the likely out-of-hour works must be provided to the AA, ER and the Secretary for information.</p> <p>Relocation of work following 4 nights of works in any 7 day period must be sufficiently removed so as to provide clear respite of 3 days. Works in areas of respite must be subject to noise levels of no more than 5 dB(A) above the rating background level at any residence in accordance with the Interim Construction Noise Guideline (DECC, 2009).</p>	Construction	Construction on Package 5 yet to commence.	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	The requirements of this condition may be varied with the approval of the Secretary following the Secretary's review of community consultation outcomes, construction noise and vibration impacts and the implementation of noise management and mitigation measures.			
E38	<p>All work undertaken for the delivery of the CSSI, including those undertaken by utility contractors, must be coordinated to ensure respite, including the respite required by Condition E37. The Proponent must:</p> <p>(a) schedule any works to provide respite to impacted noise sensitive receivers so that all respite periods are achieved; or</p> <p>(b) consider the provision of alternative mitigation, including the provision of at receiver treatments and alternative accommodation to impacted noise sensitive receivers; and</p> <p>(c) provide documentary evidence to the AA in support of any decision made by the Proponent in relation to respite or mitigation.</p>	Construction	Construction on Package 5 yet to commence.	Not triggered
E39	<p>In order to undertake out-of-hours work described in Condition E25(c) and (d), the Proponent must identify appropriate work and respite periods for the works in consultation with the community at each affected precinct at three monthly intervals. This consultation must be ongoing and include (but not be limited to) providing the community with:</p> <p>(a) a schedule of likely out-of-hours work for a period of no less than two (2) months for medium to high risk work (as defined in the Out of Hours Work Protocol (Condition E28));</p>	Construction	Construction on Package 5 yet to commence.	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>(b) a schedule of likely out-of-hours work for a period of no less than seven (7) days for low risk work (as defined in the Out of Hours Work Protocol (Condition E28));</p> <p>(c) the potential work, location and duration;</p> <p>(d) the noise characteristics and likely noise levels of the works; and</p> <p>(e) likely mitigation and management measures.</p> <p>The Proponent shall consider and respond to the affected community's preference for alternative hours and/or durations.</p> <p>The outcomes of the community consultation, the identified respite periods and the scheduling of the likely out-of-hour works must be provided to the AA, ER and the Secretary.</p>			
E40	The provision of respite periods does not preclude the application of other construction noise management measures, including the provision of at receiver treatments and or alternate accommodation.	Construction	Construction on Package 5 yet to commence.	Not triggered
E41	At no time can noise generated by construction exceed the National Standard for exposure to noise in the occupational environment of an eight-hour equivalent continuous A-weighted sound pressure level of LAeq,8h, of 85dB(A) for any employee working at a location near the CSSI.	Construction	Construction on Package 5 yet to commence.	Not triggered
E42	Construction Noise and Vibration Impact Statements must be prepared and implemented for each construction site before construction noise and vibration impacts commence and include specific mitigation measures identified through consultation with affected sensitive receivers. Each Construction Noise and Vibration Impact Statement will supplement the Noise and Vibration Management Sub-Plan	Construction	Construction on Package 5 yet to commence.	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>and must specifically address each of the major construction sites and must include but not be limited to:</p> <ul style="list-style-type: none"> (a) a description of the proposed activities; (b) predicted noise and vibration levels based on background noise levels; (c) examination of alternative methods of construction that would potentially reduce noise and vibration if the potential noise and vibration exceeds the relevant criteria; (d) description and commitment to work practices which limit noise and vibration; (e) description of specific noise and vibration mitigation treatments and time restrictions, including respite periods, duration, and frequency; (f) justification for any activities to be undertaken outside the specified construction hours defined in Conditions E21 and E22; (g) internal noise audit systems including recording of daily hours of construction, progressive impact assessments as work proceeds, conducting informal checks by the AA, providing active and communication links to Council and surrounding residents and sensitive receivers; (h) assessment of potential noise from the proposed construction methods including noise from construction vehicles and noise impacts from required traffic diversions; (i) community consultation and notification; (j) all reasonable and feasible measures including adopting the least noisy available construction methods, systems and equipment; 			

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>(k) additional noise and vibration mitigation measures as negotiated with affected residents and other sensitive receivers.</p> <p>Note: Existing noise levels, pre-construction noise levels, or the like for purposes of identifying rating background noise levels, noise management levels and construction noise impacts are noise levels that do not include any other construction related noise.</p>			
E43	The Proponent must conduct vibration testing before and during vibration generating activities that have the potential to impact on heritage items to identify minimum working distances to prevent cosmetic damage. In the event that the vibration testing and monitoring shows that the preferred dose values for vibration are likely to be exceeded, the Proponent must review the construction methodology and, if necessary, implement additional mitigation measures.	Construction	Construction on Package 5 yet to commence.	Not triggered
E44	The Proponent must seek the advice of a heritage specialist on methods and locations for installing equipment used for vibration, movement and noise monitoring of heritage-listed structures.	Construction	Construction on Package 5 yet to commence.	Not triggered
E45	Before commencement of any construction, and with the agreement of the landowner, a structural engineer must undertake building condition surveys of all buildings identified in the documents listed in Condition A1 as being at risk of damage. The results of the surveys must be documented in a Building Condition Survey Report for each building surveyed. Copies of Building Condition Survey Reports must be provided to the landowners of the buildings surveyed, and if agreed by the landowner, the relevant Council within three weeks of completing the surveys and no	Pre-construction	Building condition surveys have been undertaken by the Package 3 and Package 4 Contractors prior to the commencement of construction. These will be provided to GRCLR upon hand over of sites in the vicinity of buildings potentially impacted by the Package 5 works. For buildings where surveys have not been undertaken in the vicinity of Package 5 works, these will be undertaken by GRCLR prior to the commencement of construction in those areas.	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	later than one month before the commencement of construction.			
E46	After completion of construction and with the agreement of the landowner, Building Condition Surveys of all buildings for which building condition surveys were undertaken in accordance with Condition E45 of this approval must be undertaken by a structural engineer. The results of the surveys must be documented in a Building Condition Survey Report for each building surveyed. Copies of Building Condition Survey Reports must be provided to the landowners of the buildings surveyed, and if agreed by the landowner, the relevant Council within three weeks of completing the surveys and no later than three (3) months following the completion of construction.	Operation		Not triggered
E47	Any physical damage caused to a property as a result of the CSSI shall be rectified or the property owner compensated, within a timeframe agreed to by the property owner with the costs borne by the Proponent. This condition is not intended to limit any claims that the property owner may have against the Proponent.	Construction	Construction on Package 5 yet to commence.	Not triggered
E48	The Proponent must prepare an Operational Noise and Vibration Review (ONVR) to confirm noise and vibration mitigation measures that would be implemented for the operation of the CSSI. The ONVR must be prepared in consultation with the Department, relevant council(s), other relevant stakeholders and the community and must: (a) identify specific noise and vibration criteria applicable to each component of the CSSI; (b) predict the operational noise and vibration levels at affected receivers;	Pre-operation	The Operational Noise and Vibration Review (ONVR) is being developed. A draft ONVR has been prepared and submitted to TfNSW and the AA for review (PLR-PLR1SOM-GLR-TFNSW-CORR-000498).	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>(c) identify the proposed mitigation measures to be used to meet the applicable noise and vibration criteria;</p> <p>(d) ensure uncertainties in the design process (e.g. engineering performance tolerances, modelling assumptions, transmission path assumptions etc) are identified and conservatively quantified; and</p> <p>(e) include a consultation strategy with directly affected receivers on mitigation measures.</p> <p>Where the noise and vibration criteria cannot be achieved, the assessment shall present an analysis of reasonable and feasible noise and vibration mitigation measures, and the 'best practice' achievable noise and vibration outcome for each component of the CSSI.</p> <p>The ONVR is to be verified by a suitably qualified and experienced noise and vibration expert. The ONVR is to be undertaken at the Proponent's expense and submitted to the Secretary for approval before the implementation of mitigation measures.</p> <p>The Proponent must implement the identified noise and vibration control measures and make the ONVR publicly available.</p>			
E49	Noise mitigation measures as identified in Condition E48 that will not be physically affected by works must be implemented within eighteen (18) months of the commencement of construction in the vicinity of the impacted receiver to minimise construction noise impacts, and detailed in the Construction Noise and Vibration Management Sub-plan for the CSSI.	Construction	Construction on Package 5 yet to commence.	Not triggered
E50	The CSSI must be designed and operated with the objective of not exceeding the air-borne and ground-borne noise	Pre-operation	Air-borne and ground-borne noise has been assessed against the Rail Infrastructure Noise	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	trigger levels as defined in the Rail Infrastructure Noise Guideline (EPA, 2012) and the vibration levels defined in the Assessing Vibration: A Technical Guideline (DEC, 2006).		Guideline (RING) and Assessing Vibration Technical Guideline during the design stage as part of Design Package SOM17. Refer to PLR1SOM-GLR-LRV-NV-RPT-171001 for the assessment of the light rail vehicle (LRV) operations.	
E51	<p>The Proponent must reassess operational noise impacts from the CSSI in accordance with the Rail Infrastructure Noise Guideline (EPA, 2012) and in addition, if light rail service frequencies increase as part of normal operations (i.e. excluding special events) within the first 10 years of operation. More frequent services are defined as:</p> <p>(a) a light rail service more frequent than one every 10 minutes between 5.00am and 7.00am Monday to Friday; or</p> <p>(b) a light rail service more frequent than one every 7.5 minutes between 7.00am and 7.00pm Monday to Friday; or</p> <p>(c) a light rail service more frequent than one every 15 minutes between 11.00pm and 1.00am Monday to Friday; or</p> <p>(d) a light rail service more frequent than one every 15 minutes between 5.00am and 7.00am and 11.00pm and 1.00am on weekends and public holidays; or</p> <p>(e) a light rail service more frequent than one every 10 minutes between 7.00am and 11.00pm on weekends and public holidays.</p> <p>If the reassessment shows that the trigger levels are exceeded, reasonable and feasible mitigation measures shall be identified in consultation with the affected property owner. Any required mitigation measures shall be implemented before the change to service frequency.</p>	Operation		Not triggered
E52	Noise emanating from stationary sources must comply with the noise limits at the nearest sensitive receivers in	Operation	Noise from stationary sources (TPSs and the SaMF) has been assessed during the design stage as part	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	accordance with the Noise Policy for Industry (2017) or as specified in Table E1 and Table E2 in the MCoAs. Noise generated from these facilities must also include associated traffic movements.		of Noise and Vibration Design Package SOM17. The results of this assessment have influenced design outcomes and mitigation measures. Compliance with the noise limits will be verified through operational noise monitoring.	
E53	Where practicable, audible alarm systems at the stabling facility are required to be non-tonal, and any permanent vehicles on site are required to be fitted with non-tonal reversing alarms.	Operation		Not triggered
E54	Ground-borne noise from rail traffic must not result in increases in existing noise levels by 3 dBA or more and exceedances of the criteria outlined in Table E3 listed in the MCoAs at the nearest receiver. If exceedances are identified, the Proponent must implement mitigation measures which may include at-receiver property treatments.	Operation		Not triggered
E55	Ground-borne noise from rail traffic must not exceed the criteria outlined in Table E4 listed in the MCoAs as measured at the nearest receiver. If exceedances are identified, the Proponent must implement mitigation measures which may include at-receiver property treatments	Operation		Not triggered
E56	The Proponent must ensure that, unless they are required for safety reasons, no public-address system is to be used as part of normal operations of the CSSI. Any emergency public address system must be designed to minimise noise spillage from the site. Speakers must be installed with their pointing axis directed away from residential buildings and sensitive receivers unless otherwise specified in the Operational Noise and Vibration Management Sub-Plan.	Pre-operation	The Public Address System has been designed to minimise noise spillage. Speakers at the SaMF are proposed to be mounted on lighting poles with a downward tilt. At the Stops the loudspeakers are proposed to be installed within the Multi-use Pole which will also house noise sensors to measure ambient noise levels and allow for dynamic adjustment of the volume of the network enabled loudspeakers.	Compliant (design) Not triggered (operation)

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
E57	Testing of warning bells in the stabling and maintenance facility must be undertaken in an enclosed space or with all doors of the facility closed. No testing of warning bells is permitted to take place at the stabling facility unless it meets the noise goals (including for sleep disturbance) outlined in the Noise Policy for Industry (2017) at the nearest residential receiver as outlined in Condition E52.	Operation	The potential for sleep disturbance impacts due to the testing of warning bells and horns, brake air releases and LRVs moving over turnouts and rail joints have been assessed as part of Noise and Vibration Design Package. The noise assessment for the SaMF predicts compliance with the sleep disturbance noise goals. Compliance with this requirement will be verified during operation.	Not triggered
E58	The Proponent must undertake noise and vibration monitoring to assess noise from the light rail, ancillary facilities and stationary sources and the adequacy of noise mitigation measures to demonstrate compliance with the noise and vibration limits and/or goals specified in this approval. This must be developed in consultation with the EPA and Relevant Council(s) and be undertaken within six months of the commencement of operation of the CSSI. A Noise and Vibration Compliance Assessment Report providing the results of the monitoring must be submitted to the Secretary and Relevant Council(s), for information, within one month of its completion. The report must also detail any complaints received relating to operational noise and vibration impacts in the preceding six months. If the report indicates an exceedance of the limits and/or goals specified in this approval, the Proponent must implement additional measures to mitigate these exceedances in consultation with affected property owners and/or occupiers.	Operation		Not triggered
E59	In the event of a change to the frequency of services outlined in Condition E51, the Proponent must monitor noise and vibration to assess the adequacy of implemented mitigation measures against the limits and/or goals specified in this approval and present these in an updated Noise and Vibration Compliance Assessment Report. If the monitoring	Operation		Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	indicates an exceedance of the noise and vibration limits and/or goals specified, the Proponent must implement further measures to mitigate these exceedances in consultation with affected property owners and/or occupiers. A copy of the updated Noise and Vibration Compliance Assessment Report must be submitted to the Secretary, for information, within one month of its completion.			
E60	The Proponent must not destroy, modify or otherwise physically affect heritage items (including Aboriginal objects), outside of the CSSI footprint.	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered
E61	Nothing in this approval permits the Proponent to harm, modify, or otherwise impact human remains uncovered during the construction and operation of the CSSI.	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered
E62	An Unexpected Heritage Finds Procedure must be: (a) prepared to manage unexpected heritage finds in accordance with any guidelines and standards prepared by the Heritage Council of NSW or OEH; and (b) certified by a suitably qualified and experienced archaeologist or heritage specialist. The Procedure must be included in the Heritage Management Sub-plan required by Condition C3. Note: Human remains that are found unexpectedly during works are under the jurisdiction of the NSW State Coroner and must be reported to the NSW Police immediately.	Pre-construction	The TfNSW Unexpected Heritage Finds Guideline is considered appropriate by the project archaeologists and is located in Appendix A of the Construction Heritage Management Plan (CHMP - PLR1SOM-GLR-ALL-PM-PLN-000037).	Compliant
E63	The Unexpected Heritage Finds Procedure, as submitted to the Secretary, must be implemented for the duration of construction and during operational maintenance works.	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
E64	<p>The Proponent must prepare a Heritage Interpretation Strategy before work (excluding archaeological excavation required under Condition E70 and E71) which impacts on the items identified below commence which identifies and interprets the heritage values and stories of Aboriginal and non-Aboriginal heritage items, archaeology and heritage conservation areas associated with the CSSI. The Heritage Interpretation Strategy must be prepared and implemented in consultation with OEH and the Heritage Council of NSW (or its delegate). The Heritage Interpretation Strategy must be submitted to the Secretary for information and include, but not be limited to a discussion of the key interpretive themes, stories, archaeological results, and messages proposed to interpret the history and significance of affected heritage items and heritage conservation areas including:</p> <ul style="list-style-type: none"> i) Parramatta Female Factory and Institutions Precinct within the Cumberland District Hospital Group ii) Lennox Bridge; iii) St Patrick’s Roman Catholic Cemetery; iv) The Convict Lumberyard (Arthur Phillip High School site) v) Ancient Aboriginal and Early Colonial Landscape (Robin Thomas Reserve); vi) Queen’s Wharf Reserve and stone wall and potential archaeological site; vii) Dundas Railway Station Group; viii) Prince Alfred Square (and potential archaeological site); ix) Royal Oak Hotel and stables (and potential archaeological site); x) Clyde Carlingford Rail Bridge abutments (Northern); and 	All project phases	<p>A Heritage Interpretation Strategy (HIS) has been prepared for the Project by the Package 4 Contractor and was submitted to DPIE for information.</p> <p>GRCLR has developed a Draft Heritage Interpretation Implementation Plan (HIIP) to outline how it will implement the HIS for the Package 5 scope of works.</p>	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	xi) Clyde Carlingford Rail Bridge abutments (Southern)			
E64A	<p>Within six months of the completion of any archaeological excavation and archival recording, the Heritage Interpretation Strategy in Condition E64 must be updated to include any additional heritage items identified and their interpretation.</p> <p>Note: Archaeological excavation and archival recording includes but is not limited to that required by Conditions E70 to E79 inclusive.</p>	All project phases	<p>Updating the HIS is the responsibility of the Package 4 Contractor.</p> <p>GRCLR does not anticipate any archaeological excavation as the Package 5 works do not involve any ground disturbance activities.</p>	Not triggered
E65	Identified impacts to heritage items and heritage conservation areas must be minimised through both detailed design and construction in consultation with the Heritage Council (or its delegate). The measures to manage this must be detailed in the Heritage Management Sub-Plan required by Condition C3.	All project phases	<p>There will not be any physical impacts to heritage items from the Package 5 scope of works as they do not involve any ground disturbance activities, nor do they involve any physical modification to built heritage.</p> <p>Impacts to heritage setting/visual impacts to heritage items were considered during the design process in consultation with the Heritage Council as part of the design of the Stops, TPSs and BOCC. This included consultation through the Design Review Panel (of which the Heritage Council participates) and through specific consultation on 27 October 2020.</p> <p>Impacts to heritage items during construction will be managed through the Construction Heritage Management Sub-Plan required by Condition C3.</p>	Compliant
E66	The Proponent must not destroy, modify or otherwise physically affect any structures within the Cumberland District Hospital Group or the curtilage of the Parramatta Female Factory and Institutions Precinct, except as identified in the documents listed in Condition A1.	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
E67	<p>The proponent must prepare an analysis of alternatives to demolition of CHIP Hostel No. 1 before the commencement of construction in Cumberland Hospital (East Campus) or any work in the Fleet/Factory street intersection which would preclude consequential rail realignment if the CHIP Hostel No. 1 were retained. The analysis must be submitted to the Secretary stating a preferred option for approval. If demolition of the CHIP Hostel No. 1 is proposed, justification must be provided which considers the following guidelines included in the Parramatta North Urban Transformation Consolidated Conservation Management Plan (UrbanGrowth NSW, 2017):</p> <p>(a) that there is no prudent or feasible alternative;</p> <p>(b) demolition would result in no or minimal impacts on the heritage significance of the place or the wider Parramatta North Historic Sites; and</p> <p>(c) demolition would be of an overall benefit to the heritage significance of the place and the wider Parramatta North Historic Sites.</p> <p>Nothing in this approval permits the demolition of the CHIP Hostel No. 1 without the written approval of the Secretary.</p>	Construction	Not applicable to Package 5 works. Compliance with this CoA was the responsibility of the Package 4 Contractor.	Not triggered
E68	<p>The detailed design of the CSSI must have regard to the following heritage items to ensure that the design respects and responds to the heritage value of the items:</p> <p>(a) Lennox Bridge;</p> <p>(b) Cumberland District Hospital Group;</p> <p>(c) St Patrick's Roman Catholic Cemetery;</p> <p>(d) Prince Alfred Square (and potential archaeological site);</p>	Pre-construction	<p>There will not be any physical impacts to heritage items from the Package 5 scope of works as they do not involve any ground disturbance activities, or any modification or demolition of heritage items.</p> <p>Visual impacts to the heritage items listed in CoA E68 have been considered in the relevant design packages during detailed design.</p> <p>a) The Lennox Bridge is not impacted by Package 5 works.</p>	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>(e) Ancient Aboriginal and Early Colonial Landscape (Robin Thomas Reserve);</p> <p>(f) Queen's Wharf Reserve and stone wall and potential archaeological site and</p> <p>(g) Dundas Railway Station Group.</p>		<p>b) The Cumberland Hospital Stop is located on the campus of the Cumberland Hospital adjacent to Fleet Street. The Stop will not visually impact the historic buildings on the campus.</p> <p>c) St Patrick's Roman Catholic Cemetery is located within the vicinity of the Factory Stop. There are no sightlines to or from the Stop to the cemetery.</p> <p>d) Prince Alfred Square Stop is located in Church Street, adjacent to the eastern edge of Prince Alfred Square. The Stop is not located directly in front or adjacent to the historic monument within the Square. There is a wide pedestrian pathway between the Stop platform and the boundary of Prince Alfred Square which minimises visual impacts to the Square. During detailed design, overhead line equipment and a pole was moved by two metres so as not to be directly in front of the historic monument.</p> <p>e) Robin Thomas Reserve is located in the vicinity of the Harris Street Stop. The Harris Street Stop is located on Macquarie Street approximately 30 meters from the Robin Thomas Reserve which is located on Harris Street. The visual impact to Robin Thomas Reserve from the Harris Street Stop is minimal.</p> <p>f) The Queens Wharf Reserve and stone wall is not impacted by Package 5 works.</p> <p>g) The Dundas Stop is located at the Dundas Railway Station Group. The heritage value of the Dundas Railway Station Group was considered during the detailed design of the Dundas Stop. The Stop Canopy design has been modified in consultation with the Heritage Office and DRP to</p>	

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
			reduce the visual impacts of the canopy to the heritage building.	
E69	Before installing acoustic treatment at any heritage item identified in the documents listed in Condition A1 the advice of a suitably qualified heritage architect or heritage engineer with specific experience in built heritage must be obtained and implemented to ensure any such work does not have an adverse impact on the heritage significance of the item.	Construction	Construction on Package 5 yet to commence.	Not triggered
E70	<p>The Proponent must prepare a Heritage Archival Recording and Salvage Report, including photographic recording of heritage items which have been identified for demolition or modification in the documents referred to in Condition A1 and outline the salvage to be undertaken from these items.</p> <p>Archival recording must be undertaken by a suitably qualified heritage specialist and prepared in accordance with NSW Heritage Office's How to Prepare Archival Records of Heritage Items (1998) and Photographic Recording of Heritage Items Using Film or Digital Capture (2006).</p> <p>Within 12 months of completing the archival recording, or as otherwise agreed with the Secretary, the Proponent must submit the Heritage Archival Recording and Salvage Report to the Department, the OEH, Heritage Council of NSW, Relevant Council(s), relevant local libraries and local historical societies in the local government area.</p>	Construction	Construction on Package 5 yet to commence.	Not triggered
E71	The Proponent must salvage material from heritage items identified in Condition E70. Following archival recording, the Proponent must identify options for sympathetic reuse of salvaged material (including integrated heritage displays) on the project or for other options for repository, reuse and display. Suitable repository location(s) must be established in consultation with Relevant Council(s) (or Registered	Construction	Construction on Package 5 yet to commence.	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>Aboriginal Parties, where relevant). For any State Heritage-listed items or elements suitable for salvage, suitable repository location(s) must be determined in consultation with the Heritage Division of the OEH.</p> <p>Any residual items and materials (where appropriate) are to be made available, through a process to be developed by the Proponent in consultation with the relevant council(s), to landowners within the locality from where the material originated.</p>			
E72	<p>Before works within zones 1 and 2 Historical Archaeological Management Unit (HAMU), the Proponent must engage a suitably qualified archaeologist whose experience complies with the NSW Heritage Council's Criteria for Assessment of Excavation Directors (July, 2011) (referred to as the Excavation Director) to oversee and advise on matters associated with historical archaeology (i.e. non-Aboriginal) and to prepare a Historical Archaeological Research Design and Excavation Methodology.</p> <p>Where the Unexpected Heritage Finds Procedure required by Condition E62 is triggered in a zone 3 location, the Excavation Director must oversee its implementation.</p>	Pre-construction	Not Applicable to Package 5 works. Subsurface works that are likely to impact historical archaeology are not expected to be undertaken by GRCLR.	Not triggered
E73	<p>The Historical Archaeological Research Design and Excavation Methodology must be submitted to the Heritage Council of NSW (or its delegate) for review and comment before finalisation. The Historical Archaeological Research Design and Excavation Methodology must:</p> <p>(a) be consistent with NSW Heritage Council Guidelines including:</p> <p>i) Archaeological Assessments (1996);</p>	Pre-construction	Not Applicable to Package 5 works. Subsurface works that are likely to impact historical archaeology are not expected to be undertaken by GRCLR.	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>ii) Assessing Significance for Historical Archaeological Sites and Relics (2009),</p> <p>iii) Skeletal Remains (1998), and</p> <p>iv) Historical Archaeological Code of Practice (2009);</p> <p>(b) include provision for early physical investigation of areas of impact identified as likely to contain State significant archaeology in the research design to inform detailed design in these areas to avoid State significant archaeology. This must include, but not be limited to:</p> <p>i) St Patrick's Roman Catholic Cemetery;</p> <p>ii) Ancient Aboriginal and Early Colonial Landscape / Robin Thomas Reserve; and</p> <p>iii) The Parramatta Town Drains (where these alignments are unclear);</p> <p>(c) provide for the detailed analysis of any archaeological relics discovered during the investigations;</p> <p>(d) include management options for discovered archaeological relics (including options for avoidance, salvage, and display or interpretation);</p> <p>(e) include procedures for notifying the Heritage Council of NSW (or its delegate) and Secretary of any relic as required under s146 of the <i>Heritage Act 1977</i>; and</p> <p>(f) if the findings of the investigations are significant, provide for the preparation and implementation of a heritage interpretation strategy.</p>			
E74	Where excavation works are required in the vicinity of potential archaeological sites, the Excavation Director must be present to advise on archaeological issues and oversee excavation works. The Excavation Director must be given	Construction	Construction on Package 5 yet to commence.	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	the authority to advise on the duration and extent of oversight required during excavation.			
E75	In the event that non-Aboriginal or post-contact archaeological relics are discovered, the Proponent must prepare an Archaeological Excavation Report containing the findings of any excavations, including artefact analysis and the identification of a final repository of any relics. The report must be submitted to the Secretary, for information, within 12 months of completing all archaeological investigations, unless otherwise agreed with the Secretary. The Archaeological Excavation Report must also be submitted to the NSW Heritage Council, the local library and the local Historical Society in the local government area. A copy of the Archaeological Excavation Report must be provided with the relics.	Construction	Construction on Package 5 yet to commence.	Not triggered
E76	The Proponent must not harm, modify or otherwise impact Aboriginal objects associated with the CSSI except as authorised by this approval.	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered
E77	Where previously unidentified Aboriginal objects are discovered during construction of the CSSI, all work should stop in the affected area and a suitably qualified and experienced Aboriginal heritage expert should be contacted to provide specialist heritage advice. The measures to consider and manage this process must be specified in the Heritage Management Sub-Plan required by Condition C3 and, where relevant, include registration in the OEH's Aboriginal Heritage Information Management System (AHIMS) register.	Construction	Construction on Package 5 yet to commence.	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
E78	<p>The Excavation Director must oversee and advise on work in the following locations:</p> <p>(a) Cumberland Hospital East;</p> <p>(b) Harris Street Footpath / Robin Thomas Reserve;</p> <p>(c) PLR AFT 2; and</p> <p>(d) Sydney Turf Club Carpark.</p> <p>Note: Work in the locations referenced in Condition E79 (a)-(d) that impacts Aboriginal archaeological sites is construction as defined in this approval. Any mitigation and salvage measures required to manage or mitigate impacts must be specified in the Heritage Management Sub-plan required by Condition C3.</p>	All project phases	Not applicable to Package 5 scope of work. No sub-surface works will be undertaken by GRCLR in the listed locations.	Not triggered
E79	Any Aboriginal objects discovered must be identified in the Heritage Interpretation Strategy required by Condition E64 and, where relevant, include registration in the OEH's Aboriginal Heritage Information Management System (AHIMS) register.	Construction	Construction on Package 5 yet to commence.	Not triggered
E80	The Proponent must design and construct the CSSI in a manner that reduces visual and heritage setting impacts and ensures consolidation and rationalisation of kerbside infrastructure to avoid visual clutter.	All project phases	<p>The Stops, TPSs, BOCC and overhead catenary have been designed to reduce visual and heritage setting impacts. Kerbside infrastructure has been rationalised to avoid visual clutter. This has included:</p> <ul style="list-style-type: none"> Using multifunction poles (poles that combine overhead wiring with traffic control signalling and lighting) wherever possible to reduce the number of poles in the streetscape. At the Stops, locating all services, equipment and fixtures within the totems and integrated services cabinet; integrating lighting to canopies and totems and concealing downpipes within totems. 	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
			<ul style="list-style-type: none"> Designing the TPS buildings and BOCC to minimise their presence in the urban environment. 	
E81	Operational safety requirements must form an integral part of the design process and be considered throughout the detailed design to avoid the need for later additions that unduly compromise the urban design objectives as set out in the Urban Design Requirements Report specified in Condition E87.	Pre-construction	Elements with an urban design component (Stops, BOCC, TPS, SaMF) have incorporated crime prevention through environmental design (CPTED) principals into the design as outlined in the relevant Design Packages. The Design Packages also consider operational and maintenance requirements (including safety) and factored them into the design avoiding the need for later additions that would impact urban design objectives.	Compliant
E82	Nothing in this approval permits advertising on any element of the CSSI.	All project phases	GRCLR has a contractual obligation for the provision of advertising infrastructure at the Stops. If advertising is to be provided at a later date, planning approvals will need to be obtained by TfNSW prior to installation.	Not triggered
E83	The Proponent must design and construct the CSSI in a manner that minimises opportunities for graffiti.	All project phases	<p>Graffiti resistant materials have been specified for the Stop structures and canopies.</p> <p>The TPS and BOCC screening enclosures will have anti-graffiti coating.</p>	Compliant
E84	The Proponent must investigate the feasibility of wire-free running along 'Eat Street', across Lennox Bridge, past Riverside Theatres and Prince Alfred Park and through the Parramatta North precinct with the objective of minimising visual impacts to the heritage values and physical impacts to the heritage fabric of these items. The Proponent must provide the results of the feasibility investigation to the Secretary, for information, before construction commences in these locations. If a decision is made not to provide wire-	Pre-construction	A Wire Free Feasibility Assessment was undertaken by TfNSW and endorsed by the ER on 19 November 2019. The assessment was submitted to the Secretary on 20 November 2019. This was submitted before construction commenced for Package 4.	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	free running in the identified locations, supporting evidence must be provided in the feasibility assessment.			
E85	The Proponent must investigate the feasibility of grass track treatment running through the Parramatta North precinct and Ancient Aboriginal and Early Colonial Landscape/Robin Thomas Reserve with the objective of minimising visual impacts to the heritage values and physical impacts to the heritage fabric of these items. The Proponent must provide the results of the feasibility investigation to the Secretary, for information, before construction commences in these locations. If a decision is made not to provide grass track treatment in the identified locations, supporting evidence must be provided in the feasibility assessment.	Pre-construction	A Grass Track Feasibility Assessment was undertaken by TfNSW and endorsed by the ER on the 25 October 2019. The assessment was submitted to the Secretary on 30 October 2019. This was submitted before construction commenced for Package 4.	Compliant
E86	The CSSI must be constructed in a manner that minimises visual impacts resulting from construction sites, including protecting and retaining existing vegetation around the perimeter of compound sites, providing temporary landscaping and screening where appropriate to soften views of the construction sites and minimising light spill to adjacent residential areas.	Construction	Construction on Package 5 yet to commence.	Not triggered
E87	The Proponent must prepare and implement an Urban Design Requirements Report for public domain, architecture, landscape architecture, identity and place making with a specific focus on stop access and design. The Urban Design Requirements Report must consider crime prevention through environmental design principles and relevant design standards such as: (a) Better Placed (NSW Government Architect, 2017); (b) Greener Places (NSW Government Architect, 2018);	Pre-construction	A project wide Urban Design Requirements Report (UDRR - PLR1INF-COX-ALL-UD-RPT-200001) has been prepared by the Package 4 Contractor to address the requirements of CoA E87 and CoA E88. The UDRR informed the detailed design of the TPSs, BOCC and Stops urban design and landscaping. Design input and advice has been provided by the DRP regularly throughout the design development process. This has included review of whether the design is consistent with the UDRR.	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>(c) Guidelines for the Development of Public Transport Interchange Facilities (Ministry of Transport, 2008);</p> <p>(d) Water Sensitive Urban Design, NSW Sustainable Design Guidelines Version 4 (TfNSW, 2017);</p> <p>(e) AS4282-1997 Control of the obtrusive effects of outdoor lighting; and</p> <p>(f) relevant agency and Council design standards including those set out in the Parramatta Strategic Planning Framework.</p> <p>The Urban Design and Requirements Report must incorporate:</p> <p>(g) design principles and objectives;</p> <p>(h) identification of relevant land use changes, masterplans and initiatives;</p> <p>(i) analysis and mapping of local context and character; and</p> <p>(j) analysis and mapping of transport and land use integration and system functionality in the context of precincts.</p>			
E88	<p>The Urban Design Requirements Report must inform the detailed design of the CSSI to:</p> <p>(a) demonstrate responsiveness to local streetscape and landscape character;</p> <p>(b) integrate with, or allow for, known land use changes, masterplans and developments;</p> <p>(c) contribute to the character and identify of the local area;</p> <p>(d) respond to the character, setting and fabric of heritage elements and landscapes;</p>	Pre-construction	<p>A project wide UDRR (PLR1INF-COX-ALL-UD-RPT-200001) has been prepared by the Package 4 Contractor to address the requirements of CoA E87 and CoA E88. The UDRR informed the detailed design of the TPSs, BOCC and Stops urban design and landscaping.</p> <p>Design input and advice has been provided by the DRP regularly throughout the design development process. This has included review of whether the design is consistent with the UDRR. Presentations have been made to the DRP on materials and</p>	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>(e) demonstrate material selection and detailing (including consideration of anti-graffiti measures);</p> <p>(f) achieve a safe, secure, functional and efficient transport network for all street users;</p> <p>(g) maintain community amenity and privacy;</p> <p>(h) maintain local access and circulation for residents, business and road users;</p> <p>(i) address sensitive receivers to minimise noise, vibration, electromagnetic interference, light spill and nuisance;</p> <p>(j) minimise the loss of existing trees, maximise urban tree canopy, including street trees and soft landscaping;</p> <p>(k) address flooding and drainage issues;</p> <p>(l) contribute to the activation of precincts;</p> <p>(m) maximise local connectivity and minimise barriers;</p> <p>(n) maximise walk-in catchments and offer legible, direct pedestrian connections;</p> <p>(o) demonstrate clear wayfinding;</p> <p>(p) maximise user safety, crime prevention and comfort; and</p> <p>(q) consider the Camellia Town Centre Masterplan and the Telopea Masterplan, and Westmead Alliance master planning.</p> <p>The Urban Design Requirements Report must be submitted to the Secretary for approval, following review by the Design Review Panel required by Condition E90, including recommendations provided by the Design Review Panel and the way these have been addressed.</p>		<p>landscaping for the TPSs, Stops, BOCC and the SaMF. Following the presentations, the DRP reviews the information provided and issues an Advice Sheet with its recommendations on the urban design and landscaping elements to guide design development. Close out of the DRP recommendations is tracked through the Design Review Panel Issues Log which is reviewed by the panel regularly.</p>	

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
E89	Construction of light rail stops, tracks and associated facilities must not commence before the Urban Design Requirements Report has been approved by the Secretary. The detailed design development of light rail stops and associated light rail infrastructure within or in proximity to Heritage listed items must be undertaken in consultation with the Heritage Council (or its delegate).	Pre-construction	The UDRR (PLR1INF-COX-ALL-UD-RPT-200001) was prepared in consultation with the Heritage Council by the Package 4 Contractor and was approved by DPIE on 8 July 2020. GRCLR further consulted with the Heritage Council on the Stops, TPS and BOCC in proximity to Heritage listed items on 27 October 2020. The comments received were supportive of the re-design of Dundas Stop and the opportunity to provide heritage interpretation at TPS3. No comments were received relating to the Package 5 scope of works for the other Stops, TPSs or BOCC.	Compliant
E90	The Proponent must establish an independent Design Review Panel before development of the detailed design and before construction commences.	Pre-construction	An independent Design Review panel was established by TfNSW and approved by DPIE on 25 November 2019.	Compliant
E91	During design development of the CSSI, the Design Review Panel must provide advice and recommendations on the detailed design. The responsibilities of the Design Review Panel include: (a) review the design to assess whether it is consistent with the commitments and outcomes made in the documents listed in Condition A1, as amended by the terms of this approval including the Urban Design Requirements Report required by Condition E87; and (b) provide advice on the application of the objectives to key design elements in relation to place making, architecture, heritage, urban and landscape design and artistic aspects of the CSSI.	Pre-construction	The DRP has reviewed detailed design and has provided advice and recommendations in the form of Advice Sheets. A DRP Issues Log has been established which tracks DRP advice and how it has been actioned or addressed.	Compliant
E92	The Design Review Panel must be chaired by the NSW Government Architect (or its nominee), and must be	Pre-construction	The DRP members were nominated by TfNSW and approved by DPIE as being appropriately qualified	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>comprised of, where relevant, a suitably qualified, experienced and independent professional in each of the fields of:</p> <p>(a) architecture;</p> <p>(b) urban design and place making;</p> <p>(c) landscape design;</p> <p>(d) Aboriginal cultural heritage; and</p> <p>(e) non-Aboriginal heritage.</p> <p>The Chair is to invite Relevant Councils, technical experts, key stakeholders, and NSW government agencies to observe Design Review Panel meetings and to provide advice on local issues, context, and city outcomes. This includes the Heritage Council (or its delegate). The Proponent and its contractor(s) may be invited onto the Panel as observers only and to provide technical advice.</p> <p>Observers or advisors should not be present while the Panel is deciding upon its recommendations.</p> <p>The Proponent must provide independent secretarial resources to the Panel.</p>		<p>and experienced to undertake the role and functions required of them as members of the DRP by letter dated 25 November 2019. The members included the NSW Government Architect to act as Chair and a nominated alternate Chair.</p>	
E93	<p>The Design Review Panel members must be nominated by the Proponent and approved by the Secretary in accordance with the timeframes in Condition E90.</p>	Pre-construction	<p>The DRP members were nominated by TfNSW and approved by DPIE on 25 November 2019.</p>	Compliant
E94	<p>Nomination and appointments of the Design Review Panel must comply with the Public Service Commission's Appointment Standards: Boards and Committees in the NSW Public Sector guideline.</p>	Pre-construction	<p>The nomination and appointment of the DRP was managed by TfNSW. The nominations were developed in consultation with Government Architect NSW to achieve a range of expertise required by Condition E92. The PLR DRP was selected to the extent considered reasonable under the Public Service Commission's Appointment Standards. The</p>	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
			NSW Government Boards and Committees Register was not used to advertise vacancies in the panel because technical experts from the Panel were selected and agreed in consultation with the Chair. The approved PLR DRP Terms of Reference notes that where there is a vacancy in a Primary Member role for a period of more than 3-months the vacancy will be advertised on the Department of Premier and Cabinet (DPC) register and nominees will be selected in accordance with the Appointment Standards.	
E95	<p>Once the Design Review Panel is formed a Design Review Panel Terms of Reference must be developed and endorsed by all panel members and then approved by the Secretary. The Terms of Reference must:</p> <p>(a) establish best practice governance and protocols for the operation of the Design Review Panel;</p> <p>(b) include a Code of Conduct;</p> <p>(c) outline the agreed frequency of Design Review Panel meetings;</p> <p>(d) outline secretariat functions and administration including the recording and storing of meeting agenda, minutes and actions; and</p> <p>(e) identify cessation arrangements</p>	Pre-construction	Design Review Panel Terms of Reference were established and endorsed by all panel members and approved by DPIE on 30 March 2020. Table 1-1 of the Terms of Reference (PLR-TFNSW-PJT-AR-STD-000001) outlines how these requirements have been met.	Compliant
E96	The Design Review Panel must be operated and managed in accordance with the approved Design Review Panel Terms of Reference and in accordance with the NSW Government Boards and Committees Guidelines (Department of Premier and Cabinet, September 2015).	Pre-construction	The DRP is being operated and managed in accordance with the DRP Terms of Reference.	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
E97	All lighting to be implemented as part of the CSSI must have regard to the location of nearby residential dwellings. Lighting impacts must be minimised to the extent possible including the use of shields to reduce light spill and annoyance to adjacent residences.	All project phases	The Stops, TPSs, BOCC and SaMF have been designed to minimise light spill and glare towards neighbouring properties. Lighting has been designed in accordance with AS4282:1997 and AS1158:2005. Detailed lighting calculations and luminaire schedules have been provided in the Design Packages for the Stops, TPSs, BOCC and SaMF.	Compliant
E98	The Proponent must ensure that all external lighting associated with the operation of the CSSI (excluding light rail vehicles) is mounted, screened and directed in such a manner so as not to create nuisance to residences. The lighting must be the minimum level of illumination necessary and shall comply with AS 4282:1997 – Control of the Obtrusive Effects of Outdoor Lighting and relevant Australian Standards in the series AS/NZ 1158 – Lighting for Roads and Public Spaces.	All project phases	The Stops, TPSs, BOCC and SaMF have been designed to minimise light spill and glare towards neighbouring properties. Lighting has been designed in accordance with AS4282:1997 and AS1158:2005. Detailed lighting calculations and luminaire schedules have been provided in the Design Packages for the Stops, TPSs, BOCC and SaMF.	Compliant
E99	The placement, obstruction and removal of CCTV cameras must be undertaken in consultation with the relevant public authority and Relevant Council(s).	All project phases	CoPC was provided with the Communications Design Package (which includes details of the placement of closed-circuit television (CCTV) cameras) at each design stage (SDR on 29 May 2019, PDR on 23 December 2019 and DDR on 04 September 2020). CoPC did not have any comments relating to the Communications Design Package at PDR and DDR.	Compliant
E100	The Proponent must avoid and/or minimise the removal of native vegetation or other bushland that provides habitat for native fauna with the objective of reducing impacts to threatened species, populations and ecological communities. Impacted vegetation must be rehabilitated in proximity to the area of disturbance with a diversity of endemic species (in the first instance) and locally native tree, shrub and groundcover species to the greatest extent practicable or offset in accordance with the Proponent's Biodiversity Offset	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	Strategy and the Flora and Fauna Management Sub-Plan required by Condition C3, in consultation with OEH, DPI Fisheries, and the Biodiversity Conservation Trust.			
E101	During construction near the Parramatta River and Cumberland Hospital East and West, the Proponent must engage a suitably qualified and experienced fauna specialist to monitor the behaviour of the Grey-headed Flying-fox camp that resides in Parramatta Park in accordance with the Grey-headed Flying Fox Monitoring Program required by Condition C9 and implement mitigation measures, as required to minimise potential impacts to the camp. Monitoring must commence at least 12 months before the commencement of construction within 300 metres, unless otherwise agreed with the Secretary, of the camp to establish baseline behaviour. Monitoring must be undertaken regularly during construction (in consultation with OEH) with the results compiled in a monitoring report submitted to OEH each month. Monitoring should include species present, numbers, a map of the extent of the camp, breeding status, and condition of animals. If monitoring suggests that construction associated with the CSSI is changing the behaviour of the camp, the Proponent must consult with OEH to determine whether additional mitigation measures are required.	Construction	Construction on Package 5 yet to commence.	Not triggered
E102	The Proponent must commission a suitably qualified and experienced Arborist with a minimum AQF Level 5 qualification in Arboriculture, that is independent of the design and construction personnel for the duration of construction. The Arborist must be approved by the Secretary before works commence and commissioned for the duration of construction.	Pre-construction	The Independent Arborist was approved by the Secretary's Delegate on 21 August 2018 and the alternate Independent Arborist was approved by the Secretary's Delegate on 24 September 2018.	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
E103	<p>The Arborist must:</p> <p>(a) be the principal point of advice in relation to the assessment and management of CSSI impacts on trees;</p> <p>(b) prepare a Tree Register of all trees within the CSSI footprint (either for the entire CSSI or separate areas where tree removal and/or pruning is proposed) before the removal of any trees;</p> <p>(c) identify those trees within the footprint that must be removed for construction to proceed or for CSSI operations; and</p> <p>(d) identify those trees where their fate is uncertain and may be retained, removed or pruned (either for construction or for ongoing maintenance during operation).</p>	Construction	<p>The Independent Arborist is responsible for preparing and maintaining the Tree Register.</p> <p>No trees have been identified as requiring removal or pruning as a result of the Package 5 works during the pre-construction period.</p>	Not triggered
E104	<p>The Tree Register must include:</p> <p>(a) the georeferenced location of each tree;</p> <p>(b) those attributes as defined in AS 4970-2009 Protection of trees on development sites;</p> <p>(c) the tree retention value;</p> <p>(d) the outcomes of a visual assessment of the condition of the tree;</p> <p>(e) where a tree requires removal, whether, in the opinion of the Arborist, it can be successfully transplanted;</p> <p>(f) the extent of the proposed impact (complete removal or extent of pruning);</p> <p>(g) measures for the management, protection and monitoring of compensatory vegetation, for a minimum of two years from being planted; and</p>	Construction	<p>The Independent Arborist is responsible for preparing and maintaining the Tree Register. The Tree Register contains the required information.</p>	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	(h) timing and responsibilities for the implementation of compensatory vegetation.			
E105	<p>For those trees identified as requiring removal in the Tree Register, the Proponent must demonstrate consideration of options to avoid or minimise impacts on trees through the detailed design and construction planning process. The options considered must include, but not be limited to:</p> <p>(a) consideration of operational requirements with existing tree locations;</p> <p>(b) consideration of the health of each tree, including its vigour and likely ability to survive in situ pruning or transplanting;</p> <p>(c) review of the construction methodology and layout to identify any options to avoid or minimise impacts on trees;</p> <p>(d) considering opportunities to narrow/move footpaths;</p> <p>(e) modification of the design to reduce impact to the tree (e.g. use of porous pavement);</p> <p>(f) reduction in the standard offsets required for underground services; and</p> <p>(g) where fencing, other ancillary infrastructure or services affect tree retention, relocation or alternative construction methods are considered to reduce impacts (e.g. from strip footings to pier footings for posts).</p>	Construction	GRCLR have not identified any trees that require removal as part of the Package 5 works during the pre-construction period. The TPSs, BOCC, and Stop sites will be cleared by the Package 4 Contractor prior to commencement of the Package 5 works and the Package 4 Contractor will update the Master Tree Register to reflect this. The SaMF site has already been cleared of all vegetation by the Package 3 Contractor.	Not triggered
E106	The Tree Register and any evidence required by Condition E105 must be submitted to the Secretary before the removal or damage (as defined by the Independent Arborist) of a tree for the purposes of the CSSI. The recommendations of the Independent Arborist must be outlined in the Tree Register	Construction	GRCLR have not identified any trees that require removal as part of the Package 5 works during the pre-construction period.	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	and implemented by the Proponent, unless otherwise agreed by the Secretary.			
E107	<p>The Proponent must prepare and implement a Tree Offset Package for the CSSI in consultation with the independent Arborist required by Condition E102, and Relevant Council(s). The Package must consider the objectives and opportunities identified in Sydney Green Grid West Central District (Department of Planning and Environment, 2017), Greener Places (NSW Government Architect, 2017), and Parramatta Ways (Implementing Sydney's Green Grid) (City of Parramatta, 2017). The package must:</p> <p>(a) identify how impacts on trees and vegetation will be mitigated, managed, and compensated;</p> <p>(b) ensure that where trees are removed they are replaced at the following ratios regardless of their value, near the impact or, where this is not practicable, within other areas of the LGA or surrounding LGAs, in consultation with the relevant authority(s):</p> <p>i) large trees (DBH greater than 60cm) – plant minimum of eight trees;</p> <p>ii) medium trees (DBH greater than 15 cm, but less than 60 cm) – plant minimum of four trees; and</p> <p>iii) small young trees (DBH less than 15cm) – plant minimum of two trees.</p> <p>(c) ensure a mix of species and a range of mature heights to provide visual diversity and benefits, in consultation with the Relevant Council(s);</p> <p>(d) street tree plantings are to have a minimum pot size of:</p> <p>i) 200 litres in the Parramatta CBD precinct; and</p>	Construction	<p>TfNSW has prepared a Tree Offset Package for the CSSI to meet the requirements of this condition.</p> <p>Implementation of the Tree Offset Package for the Package 5 scope of works was not triggered during the pre-construction period.</p>	<p>Compliant (preparation)</p> <p>Not triggered (implementation)</p>

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>ii) 75 litres in other streets;</p> <p>(e) tree planting in parks, open space, bushland, and within the Carlingford Line corridor, should be sized to suit the location, species and planting style, in consultation with the relevant authority(s); and</p> <p>(f) ensure at least 80% offset works must be completed before CSSI operations commence.</p> <p>Where the requirements of this condition cannot be met, the Proponent must provide documented evidence demonstrating how the matters in (a) to (f) were considered and provide information and justification for an alternative offset option for the Secretary's approval.</p>			
E108	<p>The ongoing maintenance and operation costs of urban design and landscaping items (including tree offsets) and works implemented as part of this approval remain the Proponent's responsibility until satisfactory arrangements have been put in place for transfer to the relevant authority. Before the transfer, the Proponent must maintain items and works to the design standards established by the Urban Design Requirements Report, and the Tree Offset Package.</p>	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered
E109	<p>The Proponent must design and construct the CSSI with the objective of minimising impacts to, and interference with third party property and infrastructure, and that such infrastructure and property is protected during construction.</p>	All project phases	The Package 5 scope of work involves little impact to or interference with third-party property and infrastructure. Interface contractors have had to address third party property and infrastructure as part of their respective scopes of works. Where GRCLR has the potential to impact third party property and infrastructure due to Package 5 works, design has minimised these potential impacts.	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
E110	<p>The Proponent must prepare and implement a Business Activation Plan to manage impacts to businesses on streets affected by construction of the CSSI, including those where access is altered. The Plan must be prepared before construction and must include but not necessarily be limited to:</p> <p>(a) measures to address amenity, vehicular and pedestrian access during business hours and visibility of the business appropriate to its reliance on such, and other reasonable matters raised in consultation with affected business;</p> <p>(b) Business Management Strategies for each stage of construction (and/or activity), identifying affected businesses and associated management strategies, including the employment of place managers and specific measures to assist small business owners adversely impacted by the construction of the CSSI;</p> <p>(c) Business Support Services Program to assist small business owners adversely impacted by construction of the CSSI. The Program must assist local businesses to develop proactive business strategies including:</p> <ul style="list-style-type: none"> i) marketing and promotion; ii) business diversification and business planning; and iii) engagement of specialists to run workshops both before and during construction. <p>(d) establishment of business reference groups to provide, but not be limited to, the following services:</p> <ul style="list-style-type: none"> i) provide information on the CSSI; ii) discuss mitigation measures to minimise impacts; and 	Pre-construction	<p>A Business Activation Plan was prepared by TfNSW and submitted to DPIE as part of the Community Communication Strategy.</p> <p>GRCLR will support the implementation of Business Activation Plans for the duration of delivery.</p>	<p>Compliant (preparation)</p> <p>Not triggered (implementation)</p>

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>iii) consult on out of hours works ('Eat Street' only) where required by Condition E24.</p> <p>(e) a monitoring program to assess the effectiveness of the measures including business feedback against which effectiveness of the measures will be measured; and provision for reporting of monitoring results to the Secretary, as part of the Compliance Monitoring and Reporting Program required in Condition A30.</p>			
E111	Before undertaking any works and during maintenance or construction activities, erosion and sediment controls must be implemented and maintained to prevent water pollution consistent with LandCom's Managing Urban Stormwater series (The Blue Book).	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered
E112	The CSSI must be designed, constructed and operated so as to maintain the NSW Water Quality Objectives where they are being achieved as at the date of this approval, and contribute towards achievement of the NSW Water Quality Objectives over time where they are not being achieved as at the date of this approval, unless an EPL in force in respect of the CSSI contains different requirements in relation to the NSW Water Quality Objectives, in which case those requirements must be complied with.	All project phases	<p>NSW Water Quality Objectives have been considered in the SaMF drainage design (Design Package SOM37 PLR1SOM-GLR-LY4-SD-RPT-373001).</p> <p>For construction, this has been addressed in Table 6.1 of the Construction Soil and Water Management Plan (CSWMP - PLR1SOM-GLR-ALL-PM-PLN-000035).</p>	Compliant
E113	A Flood Management Design Report must be prepared and implemented in respect of the flood prone land and overland flow paths for the waterways and catchments in the CSSI's vicinity. The Report must be prepared during detailed design to identify the potential adverse impacts of the operation of the CSSI on existing flooding characteristics for a full range of flood events up to and including the probable maximum flood (PMF). The Report must include but not be limited to:	Pre-construction	<p>A project wide Flood Assessment Report has been prepared by the Package 4 Contractor to fulfil the requirement of CoA 113 for a Flood Management Plan and the requirement of REMMM HY-4 for a Flood Management Strategy (PLR1INF-WSPA-ALL-SD-RPT-090001).</p> <p>The Flood Assessment Report provided the results of further modelling for the entire alignment which used the flood model developed by GRCLR for the</p>	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>(a) the results of further modelling to identify the potential impacts of the CSSI on flood behaviour including consideration of increased rainfall intensity and sea level rise under climate change conditions, consistent with the requirements of the Floodplain Development Manual (2005) and Practical Consideration of Climate Change (2007);</p> <p>(b) the identification of design measures that would be implemented to manage the impacts of flooding on the operation of the CSSI and not worsen the existing flood characteristics. Design of mitigation measures must consider the full range of design events up to the 1% AEP;</p> <p>(c) demonstration of constructability of proposed management measures;</p> <p>(d) sensitivity analyses to assess the risk that additional properties or infrastructure could be subject to changes in existing flood behaviour as a result of the CSSI (i.e. beyond those identified as being impacted in point a) above), for design events up to and including the 1% AEP flood event, namely:</p> <p>i) assessment of 100% blockage of pits for the pre-development (existing) and post-development (with the CSSI) scenarios;</p> <p>ii) assessment of the impact of local and regional coincident flood peaks; and</p> <p>iii) assessment of cumulative impacts of the CSSI and other state significant developments and/or infrastructure in the CBD being constructed or that have received approval (and for which sufficient design detail is available at the time).</p> <p>(e) the identification of measures to be implemented to minimise scour and dissipate energy at locations where flood velocities are predicted to increase as a result of the CSSI;</p>		<p>Package 5 works (R17 Flood Study Report) as an input.</p> <p>The R17 Flood Study Report addressed the requirements of this CoA for the SaMF, TPS and BOCC sites and informed drainage design.</p>	

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>(f) identification of stormwater drainage system upgrades including those upgrades considered as mitigation measures; and</p> <p>(g) identification of the timing and maintenance responsibility of any necessary works.</p> <p>Not worsen existing flooding characteristics within and in the vicinity of the CSSI means the following:</p> <p>(a) a material increase in the duration of inundation for all design events up to and including a 1% AEP flood event;</p> <p>(b) an increase in flood levels of more than 10 mm at properties for all design events up to and including the 1% AEP flood event; and</p> <p>(c) no increase in high hazard flooding as defined in Appendix L of the NSW Government's Floodplain Development Manual (2005).</p> <p>The Flood Management Design Report must be prepared by a suitably qualified and experienced person in consultation with directly affected landowners, Sydney Water, OEH, NSW State Emergency Services and the Relevant Council(s). The Report must be independently peer reviewed by a suitably qualified and experienced hydrological engineer to confirm that the management of and response to flood events is appropriate.</p> <p>The Report and results of the peer review must be submitted to the Secretary, for information, and Relevant Council(s) at each design stage associated with the CSSI where there is potential to cause adverse flooding impacts.</p>			
E114	An Operational Flood Management Plan must be prepared and implemented before the commencement of CSSI operations. The Operational Flood Management Plan must	Operation		Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	identify measures to be implemented during the operational phase to minimise risks and maximise safety during flooding events, particularly for passengers and staff. The Operational Flood Management Plan must be prepared by a suitably qualified and experienced person in consultation with OEH, NSW State Emergency Service and the Relevant Council(s). It should take into account the outcomes of the sensitivity analyses undertaken in the Flood Management Design Report required by Condition E113.			
E115	All relevant flooding information must be provided to the Relevant Council(s), DPE (Urban Renewal), OEH and the NSW State Emergency Service, to assist in the preparation of any new or necessary update(s) to the relevant plans and documents relating to flooding, to reflect changes in flooding levels, flows and characteristics as a result of the CSSI. The Council, OEH and SES must be notified in writing that the information is available no later than one month following the completion of construction. Information requested by the Council, OEH or the SES must be provided no later than six months following the completion of construction or within another timeframe agreed with the relevant Council, OEH and the SES	Pre-operation	Not triggered until completion of construction.	Not triggered
E116	To inform the detailed design of light rail infrastructure, the Proponent must identify EMI susceptible devices that may potentially be affected by CSSI operations and establish baseline electromagnetic field levels at the relevant EMI susceptible devices near the CSSI. Targeted consultation must be carried out with the owners/operators of the identified EMI susceptible devices. The outcomes of these consultations must be documented as part of the Electromagnetic Management Plan required by Condition E117.	Pre-operation	<p>Targeted consultation with EMI sensitive receivers has been undertaken to inform Electromagnetic Compatibility (EMC) design as outlined in the SOM04 Design Report and EMC Management Plan.</p> <p>Baseline EMC measurements have been undertaken and are outlined in the Baseline EMC Measurement Report. Additional EMC measurements will be undertaken in accordance with the EMI Measurement Plan Summary.</p>	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
			The outcomes of the consultations will be included in the Electromagnetic Management Plan required by CoA E117.	
E117	<p>Before commencement of CSSI operations, the Proponent must prepare an Electromagnetic Management Plan in consultation with NSW Health and other owner/operators of potentially EMI susceptible devices and submit it to the Secretary for information. The Plan must identify how operational electromagnetic fields attributable to the CSSI could affect the operation of NSW Health or other existing EMI susceptible devices near the CSSI. The Plan must include, but not be limited to:</p> <ul style="list-style-type: none"> a) identification of existing EMI susceptible devices; b) established baseline electromagnetic field levels at existing EMI susceptible devices; c) predicted operational electromagnetic field levels at existing EMI susceptible devices potentially affected by CSSI operations; d) identification of electromagnetic field reduction strategies, technologies, design and operational measures that will be implemented to manage potential impacts; e) identification of appropriate limits/criteria to minimise operational interference to existing EMI susceptible devices within the operational tolerance of the device; f) internal audits of compliance of electromagnetic field levels; and g) details of an electromagnetic field monitoring program to be completed within 18 months from commencement of CSSI operations, unless otherwise agreed with the owners/operators of the EMI susceptible device(s). 	Pre-operation	<p>The requirements of this condition including identification of EMI susceptible devices and consultation with operators have been addressed in the Electromagnetic Compatibility Design Package and supporting documents.</p> <p>Prior to the commencement of operations, the information in the Design Package will be incorporated into the Electromagnetic Management Plan required by E117 and will be submitted to the Secretary for information.</p>	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
E118	Notification must be provided and, where relevant, approvals must be sought directly from the EPA before commencement of any works which will intersect or disturb the surface of sites which are regulated by the EPA under the <i>Contaminated Land Management Act 1997</i> .	Pre-construction	Not triggered for Package 5 during the pre-construction period.	Not triggered
E119	Before commencement of any activities that would result in the disturbance of land and/or soil in Areas of Environmental Interest (AEI) identified as having a high risk of contamination, or identified as medium risk subject to further desktop assessment as specified in the documents listed in Condition A1, a Site Contamination Report must be prepared by a suitably qualified person(s) in accordance with the requirements of the <i>Contaminated Land Management Act 1997</i> and associated guidelines. The Site Contamination Report must outline the potential contamination risks from the AEIs to human health and receiving waterways and detail, where relevant, whether the land is suitable (for the intended land use) or can be made suitable through remediation. For AEIs where there is insufficient information and data available to draw such conclusions, the Site Contamination Report must also detail the outcomes of Phase 2 site contamination investigations within those AEIs.	Pre-construction	Not triggered for Package 5 during the pre-construction period.	Not triggered
E120	For those AEIs where a Site Contamination Report is to be prepared in accordance with Condition E119, where the investigations identify that the site is suitable for the intended operations and that there is no need for a specific remediation strategy, measures to identify, handle and manage potential contaminated soils, materials and groundwater must be identified in the Site Contamination Report and incorporated into the CEMP or relevant sub-plan.	Pre-construction	Not triggered for Package 5 during the pre-construction period.	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
E121	For those AEIs where a Site Contamination Report concludes the site can be made suitable for its intended land use subject to remediation, the Site Contamination Report must include a Remediation Action Plan to address disturbed areas, and how the environmental and human health risks will be managed during the disturbance, remediation and/or removal of contaminated soil or groundwater.	Pre-construction	Not triggered for Package 5 during the pre-construction period.	Not triggered
E122	For those AEIs where remediation is required, the Site Contamination Report and Remediation Action Plan must be accompanied by a Site Audit Statement(s), prepared by a NSW EPA Accredited Site Auditor under the <i>Contaminated Land Management Act 1997</i> , verifying that the disturbed area has been or can be remediated to a standard consistent with the intended land use. Where land is remediated, a final Site Audit Statement(s) must be prepared by an accredited Site Auditor, certifying that the contaminated and disturbed areas have been remediated to a standard consistent with the intended land use.	Pre-construction	Not triggered for Package 5 during the pre-construction period.	Not triggered
E123	For those AEIs where remediation is required, the land must not be used for the purpose approved under the terms of this approval until a Site Audit Statement determines that the land is suitable for that purpose and any conditions on the Site Audit Statement have been complied with.	Pre-construction	Not triggered for Package 5 during the pre-construction period.	Not triggered
E124	A copy of the final Site Audit Statement must be submitted to the Secretary and Relevant Council no later than one month before the commencement of CSSI operations.	Operation		Not triggered
E125	An Unexpected Contaminated Land and Asbestos Finds Procedure must be prepared and must be implemented should unexpected contaminated land or asbestos be	Pre-construction	An unexpected finds procedure has been included in Appendix A of the Construction Contaminated Lands	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	excavated or otherwise discovered during construction. This can be provided as part of the CEMP or relevant sub-plan.		Management Plan (CCLMP - PLR1SOM-GRL-ALL-PM-PLN-000040).	
E126	The Unexpected Contaminated Land and Asbestos Finds Procedure must be implemented throughout construction.	Construction	Construction on Package 5 yet to commence.	Not triggered
E127	Waste generated during construction and operation must be managed in accordance with the following priorities: (a) waste generation must be avoided and where avoidance is not reasonably practicable, waste generation must be reduced; (b) where avoiding or reducing waste is not possible, waste must be re-used, recycled, or recovered; and (c) where re-using, recycling or recovering waste is not possible, waste must be treated or disposed of.	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered
E128	The importation of waste and storage of virgin excavated natural material (VENM), and the treatment, processing, reprocessing or disposal of any waste, must comply with the <i>Protection of the Environment Operations Act 1997</i> , and the <i>Protection of the Environment Operations (Waste) Regulation 2014</i> , where orders or exemptions apply under the regulation.	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered
E129	Waste must only be exported to a site licensed by the EPA for the storage, treatment, processing, reprocessing or disposal of the subject waste, or in accordance with a Resource Recovery Exemption or Order issued under the <i>Protection of the Environment Operations (Waste) Regulation 2014</i> , or to any other place that can lawfully accept such waste. Disposal of waste at these facilities must include GPS tracking of waste vehicles, audits of waste facility receipts and cross verification with the facility. All	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	asbestos waste over 10m3 must be tracked through EPA's WasteLocate service.			
E130	All waste must be classified in accordance with the EPA's Waste Classification Guidelines, with appropriate records and disposal dockets retained for audit purposes.	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered
E131	Asbestos or asbestos-contaminated materials that are discovered during demolition and construction activities of the CSSI must be strictly managed in accordance with the requirements under the Protection of the <i>Environment Operations (Waste) Regulation 2014</i> and any guidelines or requirements in force at the date of this approval and issued by the EPA in relation to those materials.	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered
E132	At least one month before the commencement of construction of any hazardous works or works adjacent to hazardous infrastructure, the Proponent must prepare and submit for the approval of the Secretary, the following: (a) A Final Hazard Analysis of the development consistent with the Department's Hazardous Industry Planning Advisory Paper No. 6, 'Hazard Analysis'. The study must be prepared based on the final detailed design of the development and include: i) a quantitative risk assessment; ii) details of all safeguards to be implemented, in particular those at the locations of pipeline crossing; iii) findings and recommendations from the Safety Management Study undertaken in consultation with the relevant dangerous goods pipeline operators and pipeline licensees;	Pre-construction	A Final Hazard Analysis and Construction Safety Study are being commissioned for utility works in the vicinity of the high-pressure gas main. Construction of these works is currently scheduled to commence in July 2021.	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	<p>iv) demonstrate that the risks from the development satisfy relevant NSW Risk Criteria as set out in HIPAP 10.</p> <p>(b) A Construction Safety Study, prepared consistent with Hazardous Industry Planning Advisory Paper No. 7 'Construction Safety'. The Construction Safety Study must be prepared in consultation with the relevant dangerous goods pipeline operators and licensees and include details of the proposed safety measures to ensure the relevant underground pipelines will not be impacted by the construction of the development.</p>			
E133	<p>One month before the commencement of CSSI operations, the Proponent must submit to the Secretary for information, a Pre-Startup Compliance Report detailing compliance with Condition E132, including:</p> <p>(a) dates of study/plan/system submission, approval, commencement of construction and commissioning;</p> <p>(b) actions taken or proposed, to implement recommendations made in the studies/plans/systems; and</p> <p>(c) responses to any requirement imposed by the Secretary.</p>	Operation		Not triggered
E134	<p>Three (3) months after the commencement of CSSI operations, the Proponent must submit to the Secretary, for information, a Post-Startup Compliance Report, which reports on the implementation of all recommendations raised in the Construction Safety Study required under Condition E132.</p>	Operation		Not triggered
E135	<p>The Proponent must identify utilities, services and other infrastructure and property potentially affected by construction to determine requirements for access to, diversion, protection, and/or support. Consultation with the relevant owner and/or provider of services that are likely to</p>	All project phases	Not triggered for Package 5 during the pre-construction period.	Not triggered

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
	be affected by the CSSI must be undertaken to make suitable arrangements for access to, diversion, protection, and/or support of the affected infrastructure as required. The Proponent must ensure that any disruption to any service is minimised and shall be responsible for advising impact to service recipients before any planned disruption of service. The cost of any such arrangements must be borne by the Proponent, unless otherwise agreed with the utility/service provider.			
E136	A Sustainability Strategy must be prepared to achieve a minimum project score of 65 for 'Design' and 'As built' rating under the Infrastructure Sustainability Council of Australia infrastructure rating tool.	All project phases	A PLR Wide Sustainability Strategy was developed by TfNSW (PLR-TfNSW-PJT-SU-PLN-000002) which commits to achieving an overall Project score of 65 for 'Design' and 'As built' under the ISCA infrastructure rating tool.	Compliant
E137	The Sustainability Strategy must be submitted to the Secretary, for information, within six months of the date of this approval, or within another timeframe agreed with the Secretary, and must be implemented throughout the design, construction and operation of the CSSI.	All project phases	<p>The PLR Sustainability Strategy was provided to DPIE on the 29 November 2018.</p> <p>To achieve a ISCA Project score of 65, a target of 70 has been assigned for the Package 5 works.</p> <p>GRCLR has incorporated the requirements of the strategy into the Delivery Sustainability Management Plan (PLR1SOM-GLR-ALL-PM-PLN-000015) which details GRCLR's approach to developing a design and as-built ISCA V1.2 submission, and meeting the project sustainability targets by:</p> <ul style="list-style-type: none"> • Incorporating sustainability measures into relevant design packages (refer Section 11.2 of each design report); • Modelling and measuring energy, water and material usage; and 	Compliant

CoA	Compliance Requirement	Project Phase	Evidence and comments	Compliance Status
			<ul style="list-style-type: none"> Identifying and implementing sustainability initiatives during design, construction and operation. 	
E138	<p>Opportunities to reduce operational greenhouse gas emissions must be investigated during detailed design. The sustainability initiatives identified in the documents identified in Condition A1 must be regularly reviewed, updated and implemented throughout the design development and construction, and annually during operation of the CSSI.</p>	All project phases	<p>Sustainability objectives detailed in the PLR Sustainability Strategy (prepared by TfNSW) have been incorporated into the Delivery Phase Sustainability Management Plan (PLR1SOM-GLR-ALL-PM-PLN-000015).</p> <p>An Energy, Water and Materials Report has been prepared during detailed design to further document sustainability and greenhouse reduction objectives and targets and identify opportunities and initiatives to meet these targets.</p> <p>Specific opportunities to reduce operational greenhouse gas are discussed in each Design Report.</p>	Compliant

Appendix B – Environmental Representative Endorsement

11 May 2021

Transport for NSW

Attention to: [REDACTED]
Environment Parramatta Light Rail
130 George St, Parramatta, NSW 2150

**Review of Pre-Construction Compliance Report
Stage 3 Package 5 - Supply, Operate, Maintain (SOM) Works
Parramatta Light Rail – Stage 1 (SSI-8285)
(PLR1SOM-GLR-ALL-PE-RPT-000004)**

Pursuant to SSI8285 Condition of Approval A23 (d) i), as the approved Environmental Representative, I confirm that I have reviewed the Pre-Construction Compliance Report, Stage 3 Package 5, Supply, Operate, Maintain (SOM) Works, Parramatta Light Rail – Stage 1 (PLR1SOM-GLR-ALL-PE-RPT-000004), Revision 0, dated 05/05/2021, prepared by Great River City Light Rail, for consistency with the requirements of the Conditions of Approval.

In my opinion the aforementioned document is consistent with the requirements included in or required under the terms of the Conditions of Approval for the Parramatta Light Rail (Stage 1) development.

Yours sincerely,

[REDACTED]

[REDACTED]

Environmental Representative
phone:

[REDACTED]

[REDACTED]