



Coffs Harbour Bypass Independent Audit Report

Ferrovial Gamuda Joint Venture

Report

JBS&G 65225 | 153,695

14 September 2023





We acknowledge the Traditional Custodians of Country throughout Australia and their connections to land, sea and community.

We pay respect to Elders past and present and in the spirit of reconciliation, we commit to working together for our shared future.

Caring for Country The Journey of JBS&G
Artist: Patrick Caruso, Eastern Arrernte

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1. Introduction

1.1 Project Background

Transport for NSW (TfNSW) has contracted the Ferrovial Gamuda Joint Venture (FGJV) to design and construct the Coffs Harbour Bypass (the Project) (SSI-7666) as part of the Pacific Highway upgrade works. The project includes a 14 kilometre bypass of Coffs Harbour, including a 12 kilometre new build from south of Englands Road to Korora Hill in the north and a two kilometre upgrade of the existing highway between Korora Hill and Sapphire. The project will provide a four-lane divided highway that bypasses Coffs Harbour, passing through the North Boambee Valley, Roberts Hill and then traversing the foothills of the Coffs Harbour basin to the west and north of Korora Hill.

The project works comprises the following:

- Four-lane divided highway from south of Englands Road roundabout to the dual carriageway highway at Sapphire
- Bypass of the Coffs Harbour urban area from south of Englands Road intersection to Korora Hill;
- Upgrade of the existing Pacific Highway between Korora Hill and the dual carriageway highway at Sapphire
- Grade-separated interchanges at Englands Road, Coramba Road and Korora Hill
- A one-way local access road along the western side of the project between the southern tie-in and Englands Road connecting properties to the road network via Englands Road
- A new service road, located east of the project, connecting Solitary Islands Way with James Small Drive and the existing Pacific Highway near Bruxner Park Road
- Three tunnels through ridges at Roberts Hill (around 190 metres long), Shephards Lane (around 360 metres long), and Gatelys Road (around 450 metres long)
- Structures to pass over local roads and creeks as well as a bridge over the North Coast Railway;
- A series of cuttings and embankments along the alignment
- Tie-ins and modifications to the local road network to enable local road connections across and around the alignment
- Pedestrian and cycling facilities, including a shared path along the service road tying into the existing shared path on Solitary Islands Way, and a new pedestrian bridge to replace the existing Luke Bowen footbridge with the name being retained
- Relocation of the Kororo Public School bus interchange
- Noise attenuation, including noise barriers, low noise pavement and at-property treatments as required
- Fauna crossing structures including glider poles, underpasses and fencing
- Ancillary work to facilitate construction and operation of the project, including:
 - Adjustment, relocation and/or protection of utilities and services
 - New or adjusted property accesses as required
 - Operational water quality measures and retention basins
 - Temporary construction facilities and work including compound and stockpile sites, concrete/asphalt batching plant, sedimentation basins and access roads (if required).

1.2 Audit Team

This is the first independent audit for the Coffs Harbour Bypass project and was conducted by Sam Pathammavong (Exemplar Global Certificate No. 203520), of JBS&G, with logistic support provided by Dominic Hoban, also from JBS&G.

1.3 Audit Objectives

The objectives of the works were to undertake an independent environmental audit of compliance with the conditions of approval of SSI-7666.

1.4 Audit Scope

The scope of the audit was undertaken in accordance with the Conditions of Approval A33 to A38 as shown in **Table 1.1** below.

Table 1.1 Independent Audit Requirements in the Conditions of Approval

No.	Requirement
A33	Proposed independent auditors must be agreed to in writing by the Planning Secretary prior to the commencement of an Independent Audit. This condition does not apply to the engagement of auditors required under Condition E95.
A34	Independent Audits of the development must be conducted and carried out in accordance with the Independent Audit Post Approval Requirements (DPIE, 2020).
A35	The Planning Secretary may require the initial and subsequent Independent Audits to be undertaken at different times to those specified above, upon giving at least 4 weeks' notice (or timing as stipulated by the Planning Secretary) to the Proponent of the date upon which the audit must be commenced.
A36	In accordance with the specific requirements in the Independent Audit Post Approval Requirements, the Proponent must: (a) review and respond to each Independent Audit Report prepared under Condition A34 or Condition A35; (b) submit the response to the Planning Secretary; and (c) make each Independent Audit Report and response to it publicly available 60 days after submission to the Planning Secretary.
A37	Independent Audit Reports and the Proponent's response to audit findings must be submitted to the Planning Secretary within 2 months of undertaking the independent audit site inspection as outlined in the Independent Audit Post Approval Requirements.
A38	Notwithstanding the requirements of the Independent Audit Post Approval Requirements, the Planning Secretary may approve a request for ongoing independent operational audits to be ceased, where it has been demonstrated to the Planning Secretary's satisfaction that independent operational audits have demonstrated operational compliance.

1.5 Audit Period

This audit addresses project activities undertaken since the commencement of construction on 31 March 2023 until the audit site inspection (20 July 2023). Follow up queries and document reviews continued until 8 August 2023 following the site inspection.

2. Audit Methodology

2.1 Selection and Endorsement of Audit Team

The approved audit team comprises Sam Pathammavong as Lead Auditor and Christine Louie as Auditor (backup). The audit team was approved by the nominee of the Planning Secretary in letter dated 19 June 2023 (see **Appendix D**).

2.2 Independent Audit Scope Development

The audit considers the compliance performance of the project in view of Section 3.3 of the Independent Audit Post Approval Requirements (DPIE, 2020). Specifically, the scope for the independent environmental audit involved:

- Desktop review of available information relating to the development consent approval conditions, including the Construction Environmental Management Plan (CEMP) and associated sub-plans, as well as other relevant project documentation such as monitoring records
- Site inspection and interviews with staff
- Preparation of this audit report detailing the findings of the audit.

2.3 Compliance Evaluation

Assessment of compliance with the conditions of approval of SSI-7666 was undertaken through evidence-based evaluation including review of verifiable evidence such as site records, environmental management plans and sub-plans, monitoring records, and other project documents.

Evaluation of the adequacy of post approval documents and compliance with these documents was also undertaken. Environmental monitoring records were reviewed as part of the evaluation.

Site records and documents were viewed during the site interview with an inspection of the site during construction undertaken on the same day. Project documents were also made available for viewing via a shared project drive.

The assessment of compliance with development consent conditions is presented in the Audit Compliance Table in **Appendix A** and discussed in **Section 3** of this report.

2.4 Consultation

The audit team met with DPE on 30 June 2023 during which DPE outlined the obligations and expectations from the audit. Following the meeting, DPE advised that consultation identified the following specific matters for focus during the audit:

- Community information, consultation and involvement
- Provision of electronic information
- Management of threatened species, in particular management of new species found in the alignment, and how this is being implemented.

The above matters appear to be managed well and no non-compliances were identified with respect to them.

2.5 Initial Kick-off Meeting

An initial meeting to kick-off the audit was conducted on 23 June 2023 via Microsoft Teams. At this meeting, introductions were made, the approach to the audit was discussed, and the initial request for information was presented to the project team.

Table 2.1 Initial Kick-off Meeting Attendees

Name	Organisation	Role
Sam Pathammavong	JBS&G	Lead Auditor
Christine Louie	JBS&G	Alternate Auditor
Dominic Hoban	JBS&G	Audit Support
Brenden Bale	FGJV	Environmental Lead
Tim Elder	FGJV	Environmental Lead
Emma Oldman	FGJV	Senior Environmental Advisor
Hari Corliss	FGJV	Environment & Sustainability Manager
Anna Burke	FGJV	Environmental Advisor
Michael Stuyt	FGJV	Environmental Advisor
Scott Lawrence	TfNSW	Senior Manager, Environment & Sustainability
Shane Walker	TfNSW	Environmental Officer
Daniel Perez	FGJV	Project Director

2.6 Opening Meeting

An opening meeting was held on 19 July 2023 at the Coffs Harbour Bypass site office on North Boambee Road. The attendees of this meeting are listed in **Table 2.2**. A copy of the original opening meeting attendance sheet is included in **Appendix C**.

Table 2.2 Opening Meeting Attendees

Name	Organisation	Role
Sam Pathammavong	JBS&G	Lead Auditor
Dominic Hoban	JBS&G	Audit Support
Hari Corliss	FGJV	Environment & Sustainability Manager
Abbi Lee	FGJV	Environment & Sustainability Undergraduate
Anna Burke	FGJV	Environmental Advisor
Michael Stuyt	FGJV	Environmental Advisor
Shayne Walker	TfNSW	Environmental Officer
Mick Browne	TfNSW	Environmental Officer
Scott Lawrence	TfNSW	Senior Manager, Environment & Sustainability
Nick Armaos	FGJV	Construction Director
Tim Elder	FGJV	Environmental Lead
Brenden Bale	FGJV	Environmental Lead
Emma Oldman	FGJV	Senior Environmental Advisor
Tyler Gilheany	FGJV	Environmental Graduate

2.7 Site Interviews

Discussion regarding project status were conducted prior to the site inspection with TfNSW and FGJV staff. During the site inspection, interviews were conducted with personnel on the construction activities and management practices. Site interviewees are listed in **Section 3.8** and in **Table 3.2**.

2.8 Site Inspection

A site inspection was conducted on 19 and 20 July 2023. The site inspection involved viewing multiple sections of the project site to observe construction activities and the environmental management practices in effect. Locations inspected are listed in **Section 3.8** and in **Table 3.2**.

Photos of the site taken during the site inspection are presented in **Appendix B**.

2.9 Closing Meeting

A closing meeting was held on 21 August 2023 via Microsoft Teams. The attendees of this meeting are listed in **Table 2.2** below. A copy of the original closing meeting attendance sheet is included in **Appendix C**.

During this meeting, preliminary audit findings were presented and some recommendations were made.

Table 2.3 Closing Meeting Attendees

Name	Organisation	Role
Sam Pathammavong	JBS&G	Lead Auditor
Hari Corliss	FGJV	Environment & Sustainability Manager
Scott Lawrence	TfNSW	Senior Manager, Environment & Sustainability
Anna Burke	FGJV	Environmental Advisor
Shayne Walker	TfNSW	Environmental Officer
Bronwyn Campbell	FGJV	Community & Stakeholder Lead
Mick Browne	TfNSW	Environmental Officer
Michael Stuyt	FGJV	Environmental Advisor
Tim Elder	FGJV	Environmental Lead
Abbi Lee	FGJV	Environment & Sustainability Undergraduate

2.10 Compliance Status Descriptors

Table 2.4 Compliance Status Descriptors

Status	Description
Compliant	The auditor has collected sufficient verifiable evidence to demonstrate that all elements of the requirement have been complied with.
Non-compliant	The auditor 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.

These descriptors have been used within the audit compliance table provided in **Appendix A** of this report.

3. Audit Findings

3.1 Approval and document list

The following key project documents were examined as part of this audit:

- Ancillary Site Establishment Management Plan - Site 1G Main Compound, Revision D, 3 November 2022
- Biodiversity Management Plan, Revision G, 25 January 2023
- Community Communications Strategy, Version 4, November 2022
- Construction Air Quality Management Plan, Revision H, November 2022
- Construction and Operation Groundwater Monitoring Program, Revision 4, 20 January 2023
- Construction Environmental Management Plan, Revision K, 16 December 2022
- Construction Noise and Vibration Management Plan, Revision J, 11 April 2023
- Construction Soil and Water Management Plan, Revision J, 17 April 2023
- Construction Traffic and Transport Management Plan, Revision F, February 2023
- Contamination Assessment, Rev 0, 14 September 2022
- Flooding Management Plan, Revision E, 13 December 2022
- Heritage Management Plan, Revision I, 16 February 2023
- Surface Water Monitoring Program, Revision 8, 17 November 2022
- Panama Disease Management Plan, Revision 05, 03 April 2023
- Unexpected Contaminated Land Asbestos Finds Procedure, Revision 2, December 2020

A Construction Environmental Management Plan (CEMP) has been prepared for the project which included the programs and Sub-plans developed in accordance with the MCoA. These plans provide guidance on the management and monitoring tasks as well as the frequency for these to be undertaken. Environmental monitoring was being undertaken for the project.

The CEMP and Sub-plans prepared for the project are of a good standard and suitable for the project. The appropriate consultation, reviews, endorsement and approval has been obtained for each plan.

3.2 Compliance performance

At the time of audit, the project demonstrated a high level of compliance with the requirements of the Conditions of Approval.

Due to the status of the project having only recently commenced construction, the majority of relevant conditions related to construction phase and operational conditions were not triggered and therefore not audited.

3.3 Non-compliances

Two (2) non-compliances were identified from the audit. These are summarised in **Table 3.1** below.

Table 3.1 Summary of Non-compliances

Ref	CoA Details	Non-compliance Finding	Recommendations	Unique Identifier
B2	<p>The Community Communication Strategy must:</p> <p>(a) identify people and organisations to be consulted during the design and work phases;</p> <p>(b) identify community demographics and approaches to address the needs of vulnerable communities;</p> <p>(c) 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 construction. The information to be distributed must include information regarding current site construction activities, schedules and milestones at each construction site;</p> <p>(d) identify opportunities and make provision for key stakeholder or community groups to visit construction sites (taking into consideration workplace, health and safety requirements);</p> <p>(e) 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</p> <p>(f) set out procedures and mechanisms:</p> <p>(i) through which the community can discuss or provide feedback to the Proponent;</p> <p>(ii) through which the Proponent will respond to enquiries or feedback from the community; and</p> <p>(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.</p>	<p>Text in CCS Table 1 is truncated.</p> <p>Disputes regarding rectification or compensation is not specifically addressed.</p> <p>RFI raised but not closed out.</p>	<p>Update CCS to explicitly address how disputes regarding rectification and compensation are dealt with.</p>	NC01-001
E1	<p>AIR QUALITY</p> <p>In addition to the performance outcomes, commitments and mitigation measures specified in in the documents listed in Condition A1, all reasonably practicable measures must be implemented to minimise the emission of dust and other air pollutants during the construction and operation of the CSSI.</p>	<p>Visible dust generating during earthworks at Cut 4, Fill 3D and Englands Rd Interchange and blown off site (conditions were windy). This is despite water carts being deployed.</p> <p>Advised to CHB at the time of site inspection.</p>	<p>Establish processes to consider/alter work practices during windy conditions that could result in dust moving off site.</p>	NC01-002

3.4 Environmental performance

Auditees were cooperative during the documentation review and audit process including in the planning and organisation of site inspections.

In general, the work sites are being well managed and the on-site environmental management is of a very good standard. The inspected site were clearly demarcated to define project area to avoid disturbance off the project area.

A good level of experienced and competent environmental resourcing has been assigned to the project.

3.5 Complaints

Seventeen (17) complaints relating to the project have been received in the audit period, and these have all complaints have been appropriately managed in the Complaints Register.

The following details were recorded for complaints received:

- Date of the complaint
- Method by which the complaint was made
- Contact details provided by the complainant
- A summary and the nature of the complaint
- The means by which the complaint was addressed with or without mediation
- An explanation if no action was taken.

3.6 Incidents

No reportable incidents occurred during the audit period.

3.7 Actual verses predicted environmental impacts

At this early stage of the project, the only relevant environmental impacts relate to site establishment including ancillary facilities, set up of environmental controls including sediment basins, and early construction phases such as clearing and bulk earthworks.

Based on inspection of monitoring records, it appears that actual environmental impact have not exceeded predicted impacts.

It is noted that the constructed sediment basins appear to be oversized for current weather conditions, as they were contemplated and designed at a time for prevailing inclement weather involving significant rainfall, storms and flooding which is not currently prevalent. This provides an example that changed conditions may affect the predicted environmental impacts.

Other activities with potentially more significant environmental impacts such as blasting had not yet commenced. Operational environmental impacts cannot be evaluated as the project is not yet operational.

3.8 Site inspections and interviews

Various areas of the project site were visited as part of accompanied site inspections on 19 and 20 July 2023. Site interviews occurred at the various work sites during the site inspection. **Table 3.2** provides a summary of site inspection locations, as well as project attendees and interviewees. The attendees and interviewees were cooperative and appeared to be knowledgeable and appropriately experienced for their roles.

Table 3.2 Site Inspection Locations, Attendees and Interviewees

Site Location	Name and Role
West Korora Rd (Gatellys Northern Portal)	<ul style="list-style-type: none"> • Hari Corliss – Environment & Sustainability Manager • Brenden Bale – Environmental Lead • Anna Burke – Environmental Advisor • Tyler Gilheany – Environmental Graduate
Mackeys Rd (Gatellys South Portal)	<ul style="list-style-type: none"> • Hari Corliss – Environment & Sustainability Manager • Brenden Bale – Environmental Lead • Anna Burke – Environmental Advisor • Tyler Gilheany – Environmental Graduate
Cut 4, Fill 3D	<ul style="list-style-type: none"> • Hari Corliss – Environment & Sustainability Manager • Michael Stuyt – Environmental Advisor • Tas – Supervisor
Bridge 23	<ul style="list-style-type: none"> • Hari Corliss – Environment & Sustainability Manager • Michael Stuyt – Environmental Advisor
Satellite compound IJ	<ul style="list-style-type: none"> • Hari Corliss – Environment & Sustainability Manager • Michael Stuyt – Environmental Advisor
Englands Rd Interchange	<ul style="list-style-type: none"> • Hari Corliss – Environment & Sustainability Manager • Michael Stuyt – Environmental Advisor
South of Koramba Rd	<ul style="list-style-type: none"> • Emma Oldman – Senior Environmental Advisor • Tyler Gilheany – Environmental Graduate • Trav – Supervisor • Broey – Foreman
North of Koramba Rd	<ul style="list-style-type: none"> • Emma Oldman – Senior Environmental Advisor • Tyler Gilheany – Environmental Graduate
Sheppards Lane	<ul style="list-style-type: none"> • Emma Oldman – Senior Environmental Advisor • Tyler Gilheany – Environmental Graduate

3.9 Key strengths

At the time of the audit, the key strengths of the project were related to the experience and level of staffing on the project. The project has employed sufficient numbers of experienced and competent environmental as well as other project staff, including a significant number with specific local experience to ensure that environmental matters are appropriately managed.

Many of the project resources had previously worked on the Woolgoolga to Ballina Pacific Highway upgrade and are deeply familiar with environmental requirements for road projects, as well as the specific nuances of the local environment.

3.10 Limitations

This report has been prepared by JBS&G for FGJV and may only be used and relied on by FGJV for the purpose agreed between JBS&G and FGJV as set out in **Section 1.4** of this report.

JBS&G otherwise disclaims responsibility to any person other than FGJV arising in connection with this report. JBS&G also excludes implied warranties and conditions to the extent legally permissible.

The services undertaken by JBS&G in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

The opinions, conclusions and any recommendations in this report are based on conditions encountered and information reviewed at the date of preparation of the report. JBS&G has no responsibility or obligation to update this report to account for events or changes occurring subsequent to the date that the report was prepared.

The opinions, conclusions and any recommendations in this report are based on assumptions made by JBS&G and JBS&G disclaims liability arising from any of the assumptions being incorrect.

JBS&G has prepared this report on the basis of information provided by FGJV and others who provided information to JBS&G (such as government authorities and other publicly available sources), which JBS&G has not independently verified or checked beyond the agreed scope of work. JBS&G does not accept liability in connection with such unverified information, including errors and omissions in the report which were caused by errors or omissions in that information.

The opinions, conclusions and any recommendations in this report are based on information obtained from, and testing undertaken at or in connection with, specific sample points. Site conditions at other parts of the site may be different from the site conditions found at the specific sample points.

Investigations undertaken in respect of this report are constrained by the particular site conditions, such as the location of audited road corridor, services and vegetation. As a result, not all relevant site features and conditions may have been identified in this report.

Site conditions (including vegetation, site structures the presence of hazardous substances and/or site contamination) may change after the date of this Report. JBS&G does not accept responsibility arising from, or in connection with, any change to the site conditions. JBS&G is also not responsible for updating this report if the site conditions change.

Appendix A Audit Compliance Table

No.	Condition Requirement	Phase of Works	Evidence	Compliance Statement	Compliance Status	Non-compliance Unique Identifier
PART A - ADMINISTRATIVE CONDITIONS						
GENERAL						
A1	The Proponent must carry out the CSSI in accordance with the conditions of approval and generally in accordance with the: (a) Coffs Harbour Bypass Environmental Impact Statement Volume 1A – 10, (TfNSW, September 2019); (b) Coffs Harbour Bypass Submissions Report Volume 1 – 3 (TfNSW, June 2020); and (c) Coffs Harbour Bypass Amendment Report Volumes 1 – 6 (TfNSW, June 2020).	Pre-construction Construction	CEMPs and Sub-plans, site inspection	The project is being carried out generally in accordance with the EIS, Submissions Report and Amendment Report.	Compliant	
A2	The CSSI may only be carried out in accordance with all procedures, commitments, preventative actions, performance criteria and mitigation measures set out in the documents listed in Condition A1 unless otherwise specified in, or required under, this approval.	Pre-construction Construction	CEMPs and Sub-plans, site inspection	The project is being carried out in accordance with the procedures, commitments, preventative actions, performance criteria and mitigation measures set out in the documents listed in Condition A1 as well as TfNSW guidelines and requirements where relevant	Compliant	
A3	In the event of an inconsistency between: (a) the conditions of this approval and any document listed in Condition A1 (a) to (c) inclusive, the conditions of this approval will prevail to the extent of the inconsistency; and (b) any document listed in Condition A1 (a) to (c) inclusive, the most recent document will prevail to the extent of the inconsistency. Note: For the purpose of this condition, there will be an inconsistency between a term of this approval and any document if it is not possible to comply with both the term and the document.	Pre-construction Construction	No inconsistencies between documentation have been identified during this audit	No inconsistencies between documentation have been identified during this audit	Compliant	
A4	The Proponent must comply with the written requirements or directions of the Planning Secretary, including in relation to: (a) the environmental performance of the CSSI; (b) any document or correspondence in relation to the CSSI (including the provision of such documentation or correspondence); (c) any independent appointment or withdrawal of an appointment made in relation to the CSSI; (d) any notification given to the Planning Secretary under the terms of this approval; (e) any audit of the construction or operation of the CSSI; (f) the terms of this approval and compliance with the terms of this approval (including anything required to be done under this approval); (g) the carrying out of any additional monitoring or mitigation measures; and (h) in respect of ongoing monitoring and management obligations, compliance with an updated or revised version of a guideline, protocol, Australian Standard or policy required to be complied with under this approval.	Construction Operation	- Letter from DPE dated 6 Apr 2022 "Direction to cease the salvage translocation of Fontainea sp. Coffs Harbour" - Letter from TfNSW to DPE dated 12 Apr 2022 "RE: SSI 7666 Coffs Harbour Bypass Direction to Cease the Salvage Translocation of Fontainea Sp. Coffs Harbour" - Targeted Surveys 1-3 for Fontainea sp. Coffs Harbour and Pittosporum sp. Coffs Harbour, Ecos Environmental (Jan 2022)	The project received a direction to cease salvage translocation of Fontainea sp. Coffs Harbour amongst other requirements. TfNSW responded with a commitment to comply with the direction provided. Directions appear to have been followed as required.	Compliant	
A5	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 Planning Secretary with the document. The evidence must include: (a) documentation of the engagement with the party identified in the condition of approval that has occurred before submitting the document for approval; (b) a log of the dates of engagement or attempted engagement with the identified party; (c) documentation of the follow-up with the identified party where engagement has not occurred to confirm that they do not wish to engage or have not attempted to engage after repeated invitations; (d) outline of the issues raised by the identified party and how they have been addressed; and (e) a description of the outstanding issues raised by the identified party and the reasons why they have not been addressed.	Pre-construction Construction Operation	A28 and A30, E20, E45, E47, A21 to A27, E40, E104	Consultation appears to have been undertaken as required	Compliant	
A6	This approval lapses five (5) years after the date on which it is granted, unless work has physically commenced on or before that date	Pre-construction Construction	Construction start date 31/03/2023	Construction commenced before the approval lapsed	Compliant	
A7	References in the terms of this approval to any guideline, protocol, Australian Standard or policy are to such guidelines, protocols, Australian Standards or policies in the form they are in as at the date of this approval.	Pre-construction Construction Operation	Audit is being completed in July 2023	Guidelines, protocols, Australian Standards or policies used are per the versions of the as at the date of the approval.	Compliant	
A8	Any document that must be submitted or action undertaken within a timeframe specified in or under the conditions of this approval may be submitted or undertaken within a later timeframe agreed with the Planning Secretary. This condition does not apply to the immediate written notification required in respect of an incident under Condition A39.	Pre-construction Construction	Various project documents such as the CEMP and Sub-Plans	All documents and activities have been completed within specified timeframes	Compliant	
STAGING						
A9	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 Planning Secretary for information. The Staging Report must be submitted to the Planning 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 Construction Operation	The project is not being staged	N/A	Not triggered	
A10	The Staging Report must: (a) if staged construction is proposed, set out how the construction of the whole of the CSSI will be staged, including details of work and other activities to be carried out in each stage and the general timing of when construction of each stage will commence and finish; (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 the general timing of when operation of each stage will commence and finish (if relevant); (c) specify how compliance with conditions will be achieved across and between each of the stages of the CSSI; and (d) set out mechanisms for managing any cumulative impacts arising from the proposed staging.	Pre-construction Construction Operation	The project is not being staged	N/A	Not triggered	
A11	The CSSI must be staged in accordance with the Staging Report, as submitted to the Planning Secretary.	Pre-construction Construction Operation	The project is not being staged	N/A	Not triggered	
A12	Where staging is proposed, the terms of this approval that apply or are relevant to the work or activities to be carried out in a specific stage must be complied with at the relevant time for that stage.	Pre-construction Construction Operation	The project is not being staged	N/A	Not triggered	
A13	Where changes are proposed to the staging of construction or operation, a revised Staging Report must be prepared and submitted to the Planning Secretary for information no later than one (1) month prior to the proposed change in the staging.	Pre-construction Construction Operation	The project is not being staged	N/A	Not triggered	
ANCILLARY FACILITIES						

No.	Condition Requirement	Phase of Works	Evidence	Compliance Statement	Compliance Status	Non-compliance Unique Identifier
A14	<p>Ancillary facilities that are not identified by description and location in the documents listed in Condition A1 can only be established and used in each case if:</p> <p>(a) they are located within or immediately adjacent to the construction boundary; and (b) they are not located next to a sensitive receiver (including where an access road is between the facility and the receiver), unless the sensitive receiver landowner and occupier have given written acceptance to the carrying out of the relevant facility in the proposed location; and (c) they have no impacts on heritage items (including areas of archaeological sensitivity), threatened species, populations or ecological communities beyond the impacts approved under the terms of this approval; and (d) the establishment and use of the facility can be carried out and managed within the outcomes set out in the terms of this approval, including in relation to environmental, social and economic impacts.</p>	Pre-construction Construction	Ancillary Site Establishment Management Plan - Site 1G Main Compound Rev D issued 3/11/2022 (ASEMP Site 1G) Site inspection	No ancillary facilities have been constructed outside those specified in the EIS	Compliant	
SITE ESTABLISHMENT WORK						
Ancillary Site Establishment Management Plan						
A15	<p>Before establishment of any construction ancillary facility (excluding minor construction ancillary facilities determined by the ER to have minimal environmental impact and those established under Condition A17), the Proponent must prepare an Ancillary Site Establishment Management Plan which outlines the environmental management practices and procedures to be implemented for the establishment of the construction ancillary facilities. The Ancillary Site Establishment Management Plan must be prepared in consultation with Council and government agencies.</p> <p>The Plan must be submitted to the Planning Secretary for approval one (1) month before the establishment of any construction ancillary facilities. The Plan must be endorsed by the ER before it is submitted to the Planning Secretary. The Ancillary Site Establishment Management Plan must detail the management of the construction ancillary facilities and include:</p>	Pre-construction Construction	<p>Ancillary Site Establishment Management Plan - Site 1G Main Compound Rev D issued 3/11/2022 (ASEMP Site 1G) Letter from DPE, dated 17/11/2022, Subject: Compound 1G Ancillary Site Establishment Management Plan (Condition A15 of SSI-7666) The letter states that the plan:</p> <ul style="list-style-type: none"> - has been prepared in consultation with the City of Coffs Harbour Council and the EPA. - has been reviewed by Transport for NSW and no issues have been raised with the Department. - has been endorsed by the ER and AA. - contains the information required by the conditions of approval. <p>Ancillary Site Establishment Management Plan - Site 1C, Revision C (Note: titled as Rev B), 22/05/2023 (ASEMP Site 1C) Letter from DPE (No date) Ref: SSI-7666-PA-148, Subject: Ancillary Site Establishment Management Plan (Revision C) Site 1C The Letter recognises that the ASEMP Site 1C:</p> <ul style="list-style-type: none"> - has been prepared in consultation with Coffs Harbour City Council and the EPA; - has been reviewed by proponent and no issues have been raised with the Department; - has been endorsed by the ER (5 May 2023); and - contains the information required by the conditions of approval. - Is approved by the Planning Secretary (Grant Brown) 	Refer below	Compliant	
	(a) a description of activities to be undertaken during establishment of the construction ancillary facility (including scheduling and duration of work to be undertaken at the site);	Pre-construction Construction	Section 4 of the ASEMP's outlines the activities to be undertaken at each Ancillary site including the duration of works to be undertaken.	Activities described	Compliant	
	(b) figures illustrating the proposed operational site layout;	Pre-construction Construction	Figure 2 and Figure 3 of ASEMP	Figure 2 and Figure 3 show the proposed operational site layout.	Compliant	
	(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 prior to the commencement of site establishment work;	Pre-construction Construction	Section 6 (Environmental risk identification and management) and Appendix A (Environmental risk register) of ASEMP 1G	Both sections outline programs for ongoing analysis for key environmental risks for site establishment	Compliant	
	(d) details of how the site establishment activities described in subsection (a) of this condition will be carried out to:	Pre-construction Construction	Section 7 (Training awareness and competence) of ASEMP Section 7 prescribes activities to for the ancillary works in order to meet the performance outcomes. Section 6 (Environmental risk identification and management)	Section 7 identifies the risks and management measures for the risks (such as EWMS, ERSED and Traffic control plans) and Section 7 prescribes activities to for the ancillary works in order to meet the performance outcomes.	Compliant	
	(e) a program for monitoring the performance outcomes, including a program for construction noise monitoring consistent with the requirements of Condition C13.	Pre-construction Construction	Section 8 (Environmental monitoring) of ASEMP	Section 8.2 outlines the noise monitoring requirements during the site establishment.	Compliant	
	Nothing in this condition prevents the Proponent from preparing individual Ancillary Site Establishment Management Plans for each construction ancillary facility.		Note only			
Use of Construction Ancillary Facilities						
A16	<p>The use of a construction ancillary facility for Construction must not commence until the CEMP required by Condition C1, relevant CEMP Sub-plans required by Condition C4 and relevant Construction Monitoring Programs required by Condition C13 have been approved by the Planning Secretary.</p> <p>This condition does not apply to the use of construction ancillary facilities as an office facility or where the ER has determined that the activities will have minimal impact on the environment and community.</p>	Pre-construction Construction	CEMP and Subplans have been approved by the Planning Secretary ASEMP's	Section 4.1 of ASEMP's outline a timeline for the establishment and use of the facilities.	Compliant	
Minor Construction Ancillary Facilities						
A17	<p>Lunch sheds, office sheds, portable toilet facilities, and the like, can be established and used where they have been assessed in the documents listed in Condition A1 or where they satisfy the following criteria:</p> <p>(a) located within or adjacent to the construction boundary; and (b) have been assessed by the ER to have -</p> <p>(i) minimal amenity impacts to surrounding residences and businesses, after consideration of matters such as compliance with the Interim Construction Noise Guideline (DECC, 2009), traffic and access impacts, dust and odour impacts, and visual (including light spill) impacts, and (ii) minimal environmental impact with respect to waste management and flooding, and (iii) no impacts on biodiversity, soil and water, and heritage items beyond those already approved under other terms of this approval.</p>	Pre-construction Construction	Minor Ancillary Facility (MAF) approvals	Minor Ancillary Facility (MAF) approvals sighted. MAFs have been assessed and approved by the ER.	Compliant	
Boundary screening						
A18	Boundary screening must be erected around construction ancillary facilities that are adjacent to sensitive receivers for the duration of construction of the CSSI unless otherwise agreed with affected residents, business operators or landowners.	Pre-construction Construction	Site inspection	Boundary screening has been installed as required.	Compliant	
INDEPENDENT APPOINTMENTS						

No.	Condition Requirement	Phase of Works	Evidence	Compliance Statement	Compliance Status	Non-compliance Unique Identifier
A19	All Independent Appointments required by this approval, must hold current membership of a relevant professional body, unless otherwise agreed by the Planning Secretary.	Pre-construction Construction	Letter from DPE dated 23/06/2021, Nomination of Environmental Representative and alternate Environmental Representative. The letter mention that Simon Williams and Duncan Thomas are: - are suitably qualified and experienced; - hold current memberships to professional bodies; - were not involved in the preparation of the documents listed in Condition A1; - are independent from the design and construction of the project; and - meet the requirements set out in the Environmental Representative Protocol (DPIE, 2018).	Recognised by DPE and holding current memberships of relevant professional bodies	Compliant	
A20	The Planning Secretary may at any time commission an audit of how an independent appointment has exercised their functions. The Proponent must: (a) facilitate and assist the Planning Secretary in any such audit; and (b) make it a term of their engagement of an Independent Appointment that the Independent Appointment facilitate and assist the Planning Secretary in any such audit. The Planning Secretary may dismiss an independent appointment should they consider the Independent Appointment has not exercised their functions in accordance with this approval."	Pre-construction Construction	It is understood that no independent audits regarding appointments have been requested by the Planning Secretary	N/A	Not triggered	
ENVIRONMENTAL REPRESENTATIVE						
A21	Work must not commence until an Environmental Representative (ER) has been approved by the Planning Secretary and engaged by the Proponent.	Pre-construction Construction	Letter from DPE dated 23/06/2021, Nomination of Environmental Representative and alternate Environmental Representative. The letter mention that Simon Williams and Duncan Thomas are: - are suitably qualified and experienced; - hold current memberships to professional bodies; - were not involved in the preparation of the documents listed in Condition A1; - are independent from the design and construction of the project; and - meet the requirements set out in the Environmental Representative Protocol (DPIE, 2018).	Simon Williams and Duncan Thomas have been approved by the Planning Secretary	Compliant	
A22	The Planning Secretary's approval of an ER must be sought no later than one month before the commencement of work.	Pre-construction Construction	Letter from DPE dated 23/06/2021, Nomination of Environmental Representative and alternate Environmental Representative. The letter mention that Simon Williams and Duncan Thomas are: - are suitably qualified and experienced; - hold current memberships to professional bodies; - were not involved in the preparation of the documents listed in Condition A1; - are independent from the design and construction of the project; and - meet the requirements set out in the Environmental Representative Protocol (DPIE, 2018).	Simon Williams and Duncan Thomas have been approved by the Planning Secretary	Compliant	
A23	The proposed ER must be a suitably qualified and experienced person who was not involved in the preparation of the documents listed in Conditions A1, and is independent from the design and construction personnel for the CSSI and those involved in the delivery of it.	Pre-construction Construction	Letter from DPE dated 23/06/2021, Nomination of Environmental Representative and alternate Environmental Representative. The letter mention that Simon Williams and Duncan Thomas are: - are suitably qualified and experienced; - hold current memberships to professional bodies; - were not involved in the preparation of the documents listed in Condition A1; - are independent from the design and construction of the project; and - meet the requirements set out in the Environmental Representative Protocol (DPIE, 2018).	Simon Williams and Duncan Thomas have been approved by the Planning Secretary	Compliant	
A24	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 Planning Secretary for the purposes of the CSSI. The ER must meet the requirements set out in the Environmental Representative Protocol (Department of Planning and Environment, October 2018). The appointment of the ER must have regard to the Department's guideline Seeking approval from the Department for the appointment of independent experts (DPIE, 2020).	Pre-construction Construction	Letter from DPE dated 23/06/2021, Nomination of Environmental Representative and alternate Environmental Representative. The letter mention that Simon Williams and Duncan Thomas are: - are suitably qualified and experienced; - hold current memberships to professional bodies; - were not involved in the preparation of the documents listed in Condition A1; - are independent from the design and construction of the project; and - meet the requirements set out in the Environmental Representative Protocol (DPIE, 2018).	Simon Williams and Duncan Thomas have been approved by the Planning Secretary	Compliant	
A25	For the duration of the work or as agreed with the Planning Secretary, the approved ER must:		Refer below	Refer below		
	(a) receive and respond to communication from the Planning Secretary in relation to the environmental performance of the CSSI;	Pre-construction Construction	ER Monthly reports on the planning portal as per below link: https://www.planningportal.nsw.gov.au/major-projects/projects/coffs-harbour-bypass	ER monthly reports are uploaded to the planning portal	Compliant	
	(b) consider and inform the Planning Secretary on matters specified in the terms of this approval;	Pre-construction Construction	ER Monthly reports on the planning portal as per below link: https://www.planningportal.nsw.gov.au/major-projects/projects/coffs-harbour-bypass	ER monthly reports are uploaded to the planning portal	Compliant	
	(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 to the community;	Pre-construction Construction	ER Monthly reports on the planning portal as per below link: https://www.planningportal.nsw.gov.au/major-projects/projects/coffs-harbour-bypass	ER monthly reports are uploaded to the planning portal	Compliant	

No.	Condition Requirement	Phase of Works	Evidence	Compliance Statement	Compliance Status	Non-compliance Unique Identifier
	(d) review documents identified in Conditions A9, A15, C1, C4 and C13 and any other documents that are identified by the Planning Secretary, to ensure they are consistent with requirements in or under this approval and if so: (i) make a written statement to this effect before submission of such documents to the Planning Secretary (if those documents are required to be approved by the Planning Secretary); or (ii) make a written statement to this effect before the implementation of such documents (if those documents are required to be submitted to the Planning Secretary/Department for information or are not required to be submitted to the Planning Secretary/Department);	Pre-construction Construction	Conditions A9, A15, C1, C4 and C1	The ER has reviewed: - A9 (NA - no staging plan) - A15 ASEMP - C1 CEMP - C4 CEMP sub-plans - C13 - monitoring plans	Compliant	
	(e) regularly monitor the implementation of the documents listed in Conditions A9, A15, C1, C4 and C13 to ensure implementation is being carried out in accordance with the document and the terms of this approval;	Pre-construction Construction	ER Monthly reports on the planning portal as per below link: https://www.planningportal.nsw.gov.au/major-projects/projects/coffs-harbour-bypass	ER provides monthly reports monitoring the implementation of all management plans	Compliant	
	(f) as may be requested by the Planning Secretary, help plan, attend or undertake audits of the development commissioned by the Department including scoping audits, programming audits, briefings and site visits, but not independent environmental audits required under Condition A34 of this approval;	Pre-construction Construction	No such audits are understood to have been conducted.	No audits are understood to have been conducted.	Compliant	
	(g) as may be requested by the Planning Secretary, assist the Department in the resolution of community complaints;	Pre-construction Construction	It is understood no complaints resolutions have been required	It is understood no complaints resolutions have been required	Compliant	
	(h) assess the impacts of minor ancillary facilities comprising lunch sheds, office sheds and portable toilet facilities as required by Condition A17 of this approval; and	Pre-construction Construction	ASEMP Site 1G and ASEMP Site 1C	ER has reviewed ASEMP Site 1G and ASEMP Site 1C	Compliant	
	(i) consider any minor amendments to be made to the CEMP, CEMP Sub-plans and monitoring programs that comprise updating or are of an administrative nature and are consistent with the terms of this approval and the CEMP, CEMP Sub-plans and monitoring programs approved by the Planning Secretary and, if satisfied such amendment is necessary, approve the amendment. This does not include any modifications to the terms of this approval;	Pre-construction Construction	It is understood no amendments have been made to the CEMPs or Sub-Plans	It is understood no amendments have been made to the CEMPs or Sub-Plans	Compliant	
	(j) prepare and submit to the Planning 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." 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.	Pre-construction Construction	Monthly ER reports: https://www.planningportal.nsw.gov.au/major-projects/projects/coffs-harbour-bypass	ER provides monthly reports based on a review of the project.	Compliant	
A26	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 A25 (including preparation of the ER monthly report), as well as: (a) the complaints register (to be provided on a weekly basis or as requested); and (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).	Pre-construction Construction	ER Monthly reports on the planning portal as per below link: https://www.planningportal.nsw.gov.au/major-projects/projects/coffs-harbour-bypass	All relevant information has been provided to the ER as shown in ER monthly reports. No assessment of whether proposed work is consistent with the approval are understood to have been conducted.	Compliant	
A27	The Planning Secretary may at any time commission an audit of an ER's exercise of its functions under Condition A25. The Proponent must: (a) facilitate and assist the Planning Secretary in any such audit; and (b) make it a term of their engagement of an ER that the ER facilitate and assist the Planning Secretary in any such audit.	Pre-construction Construction	No such audits are understood to have been conducted	N/A	Not triggered	
ACOUSTICS ADVISOR						
A28	An Acoustics Advisor (AA) who is independent of the CSSI's design and construction personnel, must be nominated by the Proponent and engaged for the duration of work (as required by Condition A29) and for no less than six (6) months following completion of construction of the CSSI. The AA must be suitably qualified and experienced in noise modelling and noise and vibration management. The details of the nominated AA must be submitted to the Planning Secretary for approval no later than one (1) month before commencement of work. The Proponent must cooperate with the AA by: (a) providing access to noise and vibration monitoring activities as they take place; (b) providing for review of noise and vibration plans, assessments, monitoring reports, data and analyses undertaken; and (c) considering any recommendations to improve practices and demonstrating, to the satisfaction of the AA, why any recommendation is not adopted.	Construction	- Letter from DPE dated 1/02/2021: Appointment of interim Acoustic Advisor. John Hutchinson approved as interim Acoustic Advisor for a period of 6 months. Signed by Jake Shackleton - Letter from DPE dated 7/9/2021: Nomination of Acoustic Advisor and alternate Acoustic Advisor. Approval of John Hutchinson as Acoustic Advisor and Scott Huges as Alternate. Signed by Jake Shackleton - AA monthly reports on planning portal: https://www.planningportal.nsw.gov.au/major-projects/projects/coffs-harbour-bypass - Coffs Harbour Bypass Construction Noise and Vibration Management Plan, CHBPW-FGJV-NWW-NV-PLN-000001 Revision I, Ferroviaal Gamuda Joint Venture, 28/02/2023 Endorsed by John Hutchinson (AA) - AA monthly reports on planning portal: https://www.planningportal.nsw.gov.au/major-projects/projects/coffs-harbour-bypass - Revision F of the CNVPMP incorporates edits from John Hutchinson	AA monthly reports provides a review of noise and vibration activities including monitoring activities. AA has reviewed Noise and Vibration Management Plans and monthly provides Monthly reports reviewing noise and vibration activities. AA revisions incorporated into Noise and Vibration Management Plan. Monthly reports provides recommendations for improvements.	Compliant	
A29	Any activities generating noise in excess of 5 dB(A) above the 'Noise affected' Noise Management Levels derived from the Interim Construction Noise Guideline must not commence until an AA, nominated under Condition A28 of this approval, has been approved by the Planning Secretary.	Construction	- Letter from DPE dated 1/02/2021: Appointment of interim Acoustic Advisor. John Hutchinson approved as interim Acoustic Advisor for a period of 6 months. Signed by Jake Shackleton - Letter from DPE dated 7/9/2021: Nomination of Acoustic Advisor and alternate Acoustic Advisor. Approval of John Hutchinson as Acoustic Advisor and Scott Huges as Alternate. Signed by Jake Shackleton	AA has been approved	Compliant	
A30	The approved AA must:		Refer below	Refer below		
	(a) receive and respond to communication from the Planning Secretary in relation to the performance of the CSSI in relation to noise and vibration;	Construction	AA monthly reports on planning portal: https://www.planningportal.nsw.gov.au/major-projects/projects/coffs-harbour-bypass	AA prepares monthly reporting to DPE which is made public on the Planning Website	Compliant	
	(b) consider and inform the Planning Secretary on matters specified in the terms of this approval relating to noise and vibration;	Construction	AA monthly reports on planning portal: https://www.planningportal.nsw.gov.au/major-projects/projects/coffs-harbour-bypass	AA prepares monthly reporting to DPE which is made public on the Planning Website	Compliant	
	(c) consider and recommend, to the Proponent, improvements that may be made to avoid or minimise adverse noise and vibration impacts;	Construction	AA monthly reports on planning portal: https://www.planningportal.nsw.gov.au/major-projects/projects/coffs-harbour-bypass	AA prepares monthly reporting to DPE which is made public on the Planning Website	Compliant	
	(d) 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 Planning Secretary (if required to be submitted to the Planning Secretary) or before implementation (if not required to be submitted to the Planning Secretary);	Construction	AA monthly reports on planning portal: https://www.planningportal.nsw.gov.au/major-projects/projects/coffs-harbour-bypass	AA prepares monthly reporting to DPE which is made public on the Planning Website	Compliant	

No.	Condition Requirement	Phase of Works	Evidence	Compliance Statement	Compliance Status	Non-compliance Unique Identifier
	(e) 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;	Construction	- Revision F of the CNVMP incorporates edits from John Hutchinson - AA monthly reports on planning portal: https://www.planningportal.nsw.gov.au/major-projects/projects/coffs-harbour-bypass	AA prepares monthly reporting to DPE which is made public on the Planning Website	Compliant	
	(f) notify the Planning Secretary of noise and vibration incidents in accordance with Condition A39 of this approval;	Construction	AA monthly reports on planning portal: https://www.planningportal.nsw.gov.au/major-projects/projects/coffs-harbour-bypass	Incidents are recoded through the AA monthly reports	Compliant	
	(g) in conjunction with the ER, the AA must:		Refer below	Refer below		
	(i) as may be requested by the Planning Secretary, help plan, attend or undertake audits of noise and vibration management of the CSSI including briefings, and site visits,	Construction	No AA audits completed	N/A	Not triggered	
	(ii) in the event that conflict arises between the Proponent and the community in relation to the noise and vibration performance of the CSSI, follow the procedure in the Community Communication Strategy approved under Condition B2 to attempt to resolve the conflict, and if it cannot be resolved, notify the Planning Secretary,	Construction	No conflicts to date	N/A	Not triggered	
	(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 Planning Secretary and, if satisfied such amendment is necessary, endorse the amendment, (this does not include any modifications to the terms of this approval), and	Construction	A minor update to the CNVMP was completed and endorsed by the AA on 18th April	A minor update to the CNVMP was completed and endorsed by the AA on 18th April	Compliant	
	(iv) prepare and submit to the Planning Secretary and other relevant regulatory agencies, for information, a Monthly Noise and Vibration Report detailing the AA's actions and decisions on matters for which the AA was responsible in the preceding month. The Monthly Noise and Vibration Report must be submitted within seven (7) days following the end of each month for the duration of the AA's engagement for the CSSI.	Construction	AA monthly reports on planning portal: https://www.planningportal.nsw.gov.au/major-projects/projects/coffs-harbour-bypass	AA prepares monthly reporting to DPE which is made public on the Planning Website	Compliant	
NOTIFICATION OF COMMENCEMENT						
A31	The Department must be notified in writing of the dates of commencement of construction and operation at least one (1) month before those dates.	Pre-construction	Letter from TfNSW to DPE dated 30/01/2023: RE:SSI 7666 Coffs Harbour Bypass Notification of Commencement. The letter notifies DPE that the construction of the Coff Harbour bypass is planned to commence on 1 March 2023, pending the CEMP approvals. The letter states that the project will be completed as one stage.	Notification of construction commencement occurred on 30th January 2023, construction commenced 31st March.	Compliant	
A32	If the construction or operation of the CSSI is to be staged, the Department must be notified in writing at least one (1) month before the commencement of each stage, of the date of commencement of that stage.	Pre-construction	Letter from TfNSW to DPE dated 30/01/2023: RE:SSI 7666 Coffs Harbour Bypass Notification of Commencement. The letter notifies DPE that the construction of the Coff Harbour bypass is planned to commence on 1 March 2023, pending the CEMP approvals. The letter states that the project will be completed as one stage.	No staging. Notification of construction commencement occurred on 30th January 2023, construction commenced 31st March.	Compliant	
AUDITING						
A33	Proposed independent auditors must be agreed to in writing by the Planning Secretary prior to the commencement of an Independent Audit. This condition does not apply to the engagement of auditors required under Condition E95.	Construction	Letter from DPE to TfNSW, dated 19/06/2023 Coffs Harbour Bypass - Independent Auditor Approval (SSI-7666) The letter states that the nominated auditors (Sam Pathammavong and Christine Louie) are suitably qualified and experienced and approves their appointment.	Independent auditors appointed	Compliant	
A34	Independent Audits of the development must be conducted and carried out in accordance with the <i>Independent Audit Post Approval Requirements (DPIE, 2020)</i> .	Construction	Audit Report (this is the first audit)	Audit Report has been prepared in accordance with independent Audit Post Approval Requirements (DPIE, 2020).	Compliant	
A35	The Planning Secretary may require the initial and subsequent Independent Audits to be undertaken at different times to those specified above, upon giving at least 4 weeks' notice (or timing as stipulated by the Planning Secretary) to the Proponent of the date upon which the audit must be commenced.	Construction	The Planning Secretary has not required that the Audits be undertaken at different times to the specified in the <i>Independent Audit Post Approval Requirements (DPIE, 2020)</i> .	N/A	Not triggered	
A36	In accordance with the specific requirements in the Independent Audit Post Approval Requirements, the Proponent must: (a) review and respond to each Independent Audit Report prepared under Condition A34 or Condition A35; (b) submit the response to the Planning Secretary; and (c) make each Independent Audit Report and response to it publicly available 60 days after submission to the Planning Secretary.	Construction	CHB team to review and respond to the Audit Report (this is the first audit report). Audit report to be submitted to the Planning Secretary. Audit Report to be made publicly available within 60 days of submission to Planning Secretary.	N/A	Not triggered	
A37	Independent Audit Reports and the Proponent's response to audit findings must be submitted to the Planning Secretary within 2 months of undertaking the independent audit site inspection as outlined in the Independent Audit Post Approval Requirements.	Construction	Audit Report and Proponent response to be submitted to the Planning Secretary (this is the first audit)	N/A	Not triggered	
A38	Notwithstanding the requirements of the Independent Audit Post Approval Requirements, the Planning Secretary may approve a request for ongoing independent operational audits to be ceased, where it has been demonstrated to the Planning Secretary's satisfaction that independent operational audits have demonstrated operational compliance.	Construction	The Planning Secretary has not requested that operational audits be ceased.	N/A	Not triggered	
INCIDENT NOTIFICATION AND REPORTING						
A39	The Department must be notified in writing via the Major Projects Website 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.	Pre-construction Construction	No incidents that meet the definition under A39 have occurred during construction	N/A	Not triggered	
A40	Subsequent notification must be given and reports submitted in accordance with the requirements set out in Appendix A	Pre-construction Construction	No incidents that meet the definition under A39 have occurred during construction	N/A	Not triggered	
PART B - COMMUNITY INFORMATION AND REPORTING						
COMMUNITY INFORMATION, CONSULTATION AND INVOLVEMENT						
Communication Strategy						
B1	A Community Communication Strategy must be prepared to provide mechanisms to facilitate communication between the Proponent, the ER, the AA, Council and the community (including adjoining affected landowners and businesses, and others directly impacted by the CSSI), during the design and construction of the CSSI and for a minimum of 12 months following the completion of construction of the CSSI.	Pre-construction Construction	Community Communications Strategy, Coffs Harbour bypass project, November 2022, Version 4.	Community Communications Strategy, Coffs Harbour bypass project, November 2022, Version 4.	Compliant	
B2	The Community Communication Strategy must:					
	(a) identify people and organisations to be consulted during the design and work phases;	Pre-construction Construction	Community Communications Strategy, Coffs Harbour bypass project, November 2022, Version 4. a) Section 2 (Stakeholder analysis), Table 2 (Stakeholder identification and analysis)	Section 2 and Table 2 identifies the key stakeholders, their level of interest and the phase of the project the stakeholder requires consultation.	Compliant	
	(b) identify community demographics and approaches to address the needs of vulnerable communities;	Pre-construction Construction	b) Section 2 (Stakeholder analysis), Section 2.1.1 (Coffs Harbour demographics)	Section 2.1.1 outlines the demographics of Coffs Harbour. The report details communication strategies to address the needs for older people in the community.	Compliant	

No.	Condition Requirement	Phase of Works	Evidence	Compliance Statement	Compliance Status	Non-compliance Unique Identifier
	(c) 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 construction. The information to be distributed must include information regarding current site construction activities, schedules and milestones at each construction site;	Pre-construction Construction	c) Section 6 (Overarching communication and engagement tools and activities), Table 6 (Overarching communication and engagement tools action plan)	Table 6 outlines the activities for community engagement, a description of the engagement approach, the audience the communication is aimed at, the frequency and timing, any relevant specifications for the communications to follow and the responsible parties for the activities. Table 6 includes hoardings and project signage as one of the activities. To check that all information distributed is up to date with construction activities.	Compliant	
	(d) identify opportunities and make provision for key stakeholder or community groups to visit construction sites (taking into consideration workplace, health and safety requirements);	Pre-construction Construction	d) Section 6 (Overarching communication and engagement tools and activities), Table 6 (Overarching communication and engagement tools and activities)	One of the Table 6 activities is that site visits or tours for council staff and elected officials, elected representatives, government agencies, management and technical personnel, local schools, businesses and community groups may be arranged	Compliant	
	(e) 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	Pre-construction Construction	e) Section 6 (Overarching communication and engagement tools and activities), Table 6 (Overarching communication and engagement tools and activities)	One of the Table 6 activities is to conduct community information forums where complaints or general interest has been received for key environmental management issues and construction activities including major traffic changes and blasting	Compliant	
	(f) 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 (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.	Pre-construction Construction	Section 6, Table 6 (Overarching communication and engagement tools and activities) Section 7 (Complaints Management Systems)	Table 6 activity is to provide feedback forms to the community at meetings, presentations, stalls and information sessions. Section 7.4 outlines procedures for responding to complaints, including target response times. Section 7.5 outlines the procedure for escalating complaints, including the process for mediation (Section 7.5.1). No mention of rectification or compensation in the Report	Non-compliant	NC01-001
B3	The Community Communication Strategy must be submitted to the Planning Secretary for approval no later than one month before commencement of any work.	Pre-construction Construction	Approval of CSS detailed in the document control and approvals table is November 2022	Letter from DPE to TfNSW: Coffs Harbour Bypass Community Communications Strategy The letter outlines the approval of the Community Consultation Strategy Revision 4, November 2022. Letter is signed by Grant Brown	Compliant	
B4	Work for the purposes of the CSSI must not commence until the Community Communication Strategy has been approved by the Planning Secretary.	Pre-construction Construction	Construction work commenced 31 March 2023 Approval of CSS detailed in the document control and approvals table is November 2022	Letter from DPE to TfNSW: Coffs Harbour Bypass Community Communications Strategy The letter outlines the approval of the Community Consultation Strategy Revision 4, November 2022. Letter is signed by Grant Brown	Compliant	
B5	The Community Communication Strategy, as approved by the Planning Secretary, must be implemented for the duration of the work and for 12 months following the completion of construction.	Pre-construction Construction	Site interviews, community consultation van (photographs)	CSS is being implemented correctly	Compliant	
COMPLAINTS MANAGEMENT SYSTEM						
B6	A Complaints Management System must be prepared and implemented before the commencement of any work and maintained for the duration of construction and for a minimum for 12 months following completion of construction of the CSSI.	Construction	Section 7 (Complaints Management System) of the Community Communication Strategy CMS has been implemented since construction commencement	CMS has been implemented since construction commencement	Compliant	
B7	The following information must be available to facilitate community enquiries and manage complaints one (1) month before the commencement of work 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; (c) an email address to which electronic complaints and enquiries may be transmitted; and (d) a mediation system for complaints unable to be resolved. This information must be accessible to all in the community regardless of age, ethnicity, disability or literacy level.	Construction	Table 7 (Facilities for receiving enquiries and complaints) provides a 24 hour phone number, postal address and email form. Contact information provided on website located here: https://www.pacifichighway.nsw.gov.au/coffsharbourbypass	Phone number has been provided at least 1 month prior to construction (in CMS). Postal address has been provided at least 1 month prior to construction (in CMS.) Email address has been provided at least 1 month prior to construction (in CMS). Various methods have been used to make the information accessible to community.	Compliant	
B8	The telephone number, postal address and email address required under Condition B7 of this approval must be made available on site boundary fencing / hoarding at each construction site before the commencement of construction. This information must also be provided on the website required under Condition B11 of this approval.	Construction	- Phone numbers, email addresses and postal addresses are posted on all gates (Photographs) - Number and email are available here: https://www.pacifichighway.nsw.gov.au/coffsharbourbypass	Phone numbers, email addresses and postal addresses are posted on gates	Compliant	
B9	A Complaints Register must be maintained recording information on all complaints received about the CSSI during the carrying out of any work and for a minimum of 12 months following the completion of construction. The Complaints Register must record the: (a) number of complaints received; (b) the date and time of the complaint; (c) the method by which the complaint was made; (d) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect (e) nature of the complaint; (f) means by which the complaint was addressed and whether resolution was reached, with or without mediation and (g) if no action was taken, the reason(s) why no action was taken.		Complaints register sighted.	17 complaints received. Date of the complaints have been recorded in the complaints register. Method by which the complaint was made has been recorded in the complaints register. Personal details provided by the complainant have been recorded in the complaints register. A summary and the nature of the complaint has been recorded in the complaints register. The means by which the complaint was addressed with or without mediation has been provided in the complaints register. An explanation if no action was taken has been recorded in the complaints register.	Compliant	
B10	The Complaints Register must be provided to the Planning Secretary upon request, within the timeframe stated in the request. Note: Complainants must be advised that the Complaints Register may be forwarded to Government agencies to allow them to undertake their regulatory duties.	Construction	Informally DPE have requested to review the complaints register. The Project provides weekly updates of the complaints register to DPE.	Informally DPE have requested to review the complaints register. The Project provides weekly updates of the complaints register to DPE.	Compliant	
PROVISION OF ELECTRONIC INFORMATION						
B11	A website or webpage providing information in relation to the CSSI must be established before commencement of Work and maintained for the duration of construction, and for a minimum of 24 months following the completion of construction. Up-to-date information (excluding confidential commercial information) must be published before the relevant work commencing and maintained on the website or dedicated pages including: (a) information on the current implementation status of the CSSI; (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;	Construction	Website has been created, link here: https://www.pacifichighway.nsw.gov.au/coffsharbourbypass	Refer below	Compliant	
	(a) information on the current implementation status of the CSSI;	Construction	a) documents of current status of CSSI are on the website	Website has links to the latest design refinements, has a document register where documents are being uploaded has a section of the webpage titled Updates and Announcements, providing an update of the project for the month of June.	Compliant	
	(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;	Construction	b) CEMP and sub-plans are available on the website	The website provides the EIS, the Submissions Report and the Amendment Report in the document register	Compliant	

No.	Condition Requirement	Phase of Works	Evidence	Compliance Statement	Compliance Status	Non-compliance Unique Identifier																										
	(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;	Construction	c) Conditions of approval are available on the website	The website provides the conditions of approval in the document register	Compliant																											
	(d) a copy of each statutory approval, licence or permit required and obtained in relation to the CSSI;	Construction	d) EPL is on the Gamuda website https://gamuda.com.au/coffs-harbour-bypass/	Licences provided on the website	Compliant																											
	(e) a current copy of the final version of each document required under the terms of this approval; and	Construction	e) all documents uploaded are the currently copy	Most current versions of documents are on the project website.	Compliant																											
	(f) a copy of the audit reports required under this approval.	Construction Operation	f) This is the first audit	N/A	Not triggered																											
	Where the information / document relates to a particular Work or is required to be implemented, it must be published before the commencement of the relevant Work to which it relates or before its implementation.		Note only																													
	PART C - CONSTRUCTION ENVIRONMENTAL MANAGEMENT																															
	CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN																															
C1	A Construction Environmental Management Plan (CEMP) must be prepared in accordance with the Environmental Management Plan Guideline for Infrastructure Projects (DPIE, 2020). The CEMP must detail how the performance outcomes, commitments and mitigation measures specified in the documents listed in Condition A1 will be implemented and achieved during construction.	Construction	Construction Environmental Management Plan, CHBPW-FG-NWW-EN-PLN-000001-Revision K - Coff's Harbour Bypass, 16/12/2022	Section 3.7 outlines the projects performance outcomes and where within the CEMP they are addressed Section 1.4 outlines the applicable REMMs and where they are addressed in the CEMP Section 3.6 outlines the project objectives and targets and how they will be and measured.	Compliant																											
C2	The CEMP must provide:	Construction			Compliant																											
	(a) a description of activities to be undertaken during construction (including the scheduling of construction);	Construction	Section 2.2 of CEMP (Construction Activities)	Section 2.2 outlined the construction activities, including construction programme	Compliant																											
	(b) details of environmental policies, guidelines and principles to be followed in the construction of the CSSI;	Construction	Section 3.3 of CEMP. Policies and guidelines are identified in each sub-plan	Section 3.3 outlined the regulatory requirements and compliance	Compliant																											
	(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;	Construction	Section 4, Section 3.4.1, Section 8.1 Section 8.2, Section 8.3 and Section 9 of CEMP	Section 3.4 outlines the Environmental aspects and impacts, and outlines an environmental risk workshop.	Compliant																											
	(d) details of how the activities described in subsection (a) of this condition will be carried out to: (i) meet the performance outcomes stated in the in the documents listed in Condition A1; and (ii) manage the risks identified in the risk analysis undertaken in subsection (d) of this condition;	Construction	Section 4, Section 8, Appendix A2, REMMS addressed in each CEMP Sub-plan	Section 4 outlines how the environmental management systems will be implemented and operated. This includes the EMS documentation, Resources, responsibilities and authority, an outline of key personal, the role of TfNSW, regulatory and other stakeholders, the role of specialist consultants and the selection and management of subcontractors. Section 8 outlines the inspections, monitoring and auditing requirements for the project, Appendix A2 provides an environmental aspects and impacts register for the identified environmental risks for the project, based on the risk workshop. The revised environmental mitigation measures outlined in the submissions report are provided in each CEMP sub-plan.	Compliant																											
	(e) an inspection program detailing the activities to be inspected and frequency of inspections;	Construction	Section 8.1 of CEMP	Section 8.1 details the required environmental inspections for the project.	Compliant																											
	(f) a protocol for managing and reporting any: (i) incidents; and (ii) non-compliances with this approval or statutory requirements;		Section 7, Appendix A5 of the CEMP Section 8.5 of the CEMP	Section 7 outlines the emergency and incident planning including Section 7.4.1 which details incident reporting procedures. Appendix A5 provides the TfNSW environmental Incident Response Procedure. Section 8.5 provides details for managing non-compliances and prescribes a compliance tracking register to be established for any non-conformances or non-compliances.																												
	(g) procedures for rectifying any non-compliance with this approval identified during compliance auditing, incident management or at any time during construction;	Construction	Section 8.5 of the CEMP	Section 8.5 outlines the compliance management requirements including compliance issues, corrective actions and compliance tracking.	Compliant																											
	(h) a list of all the CEMP Sub-plans required in respect of construction, as set out in Condition C4. Where staged construction of the CSSI is proposed, the CEMP must also identify which CEMP Sub-plan applies to each of the proposed stages of construction;	Construction	Section 4.1.3 of the CEMP	Section 4.1.3 lists all the required CEMP sub-plans, where they are found (i.e. which appendix) and their approval pathways	Compliant																											
	(i) a description of the roles and environmental responsibilities for relevant employees and their professional / organisational relationship with the ER;	Construction	Section 4.2 of the CEMP	Section 4.2 outlines the resources, responsibilities and Authorities. This section includes Key personnel for the project (in a list with their responsibilities), the role of TfNSW, the role of regulators and other key stakeholders (including the responsibilities of the ER and the AA), the role of specialist consultants and the selection and management of subcontractors.	Compliant																											
	(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;	Construction	Section 5 of the CEMP	Section 5 outlines the competence, training and awareness required for site personnel. This includes Environmental inductions, toolbox talks, training and awareness, training need analysis, daily pre-start meetings and an outline of working hours.	Compliant																											
	(k) for periodic review and update of the CEMP and all associated plans and programs; and	Construction	Section 9 of the CEMP	Section 9 outlines the requirements on the review and improvement for the CEMP and associated sub-plans.	Compliant																											
	(l) the outcomes of consultation with government agencies in accordance with Condition A5.	Construction	CEMPs have been reviewed and approved by Planning Secretary	CEMPs have been reviewed and approved by Planning Secretary	Compliant																											
C3	The CEMP must be endorsed by the ER and then submitted to the Planning Secretary for approval no later than one month before the commencement of construction.	Construction	Document control table of the CEMP shows approval from the ER	The CEMP has approval from the ER in the document control table.	Compliant																											
C4	The CEMP Sub-plans in Table 3 must be prepared in consultation with the government agencies identified for each CEMP Sub-plan. The outcomes of consultation with government agencies in accordance with Condition A5 must be provided with the relevant CEMP Sub-Plan.	Construction	Details for each specific sub-plan provided as below. Consultation records for each sub-plan was sighted.	Details for each specific sub-plan provided as below. Consultation records for each sub-plan was sighted.	Compliant																											
	<table border="1"> <thead> <tr> <th colspan="3">Table 3: CEMP Sub-plans</th> </tr> <tr> <th></th> <th>Required CEMP Sub-plan</th> <th>Relevant government agencies to be consulted for each CEMP Sub-plan</th> </tr> </thead> <tbody> <tr> <td>(a)</td> <td>Air quality</td> <td>EPA, DPI Agriculture, Council</td> </tr> <tr> <td>(b)</td> <td>Biodiversity</td> <td>EESG, DAWE, DPI Fisheries, Council</td> </tr> <tr> <td>(c)</td> <td>Flooding</td> <td>EESG, Council</td> </tr> <tr> <td>(d)</td> <td>Heritage</td> <td>Heritage NSW, RAPs, Coffs Harbour and District Local Aboriginal Land Council, Council</td> </tr> <tr> <td>(e)</td> <td>Noise and vibration</td> <td>EPA, Council</td> </tr> <tr> <td>(f)</td> <td>Soil and water</td> <td>DPI Fisheries, DPIE Water Group, DPI Agriculture, Council</td> </tr> <tr> <td>(g)</td> <td>Traffic and transport</td> <td>Council</td> </tr> </tbody> </table>	Table 3: CEMP Sub-plans				Required CEMP Sub-plan	Relevant government agencies to be consulted for each CEMP Sub-plan	(a)	Air quality	EPA, DPI Agriculture, Council	(b)	Biodiversity	EESG, DAWE, DPI Fisheries, Council	(c)	Flooding	EESG, Council	(d)	Heritage	Heritage NSW, RAPs, Coffs Harbour and District Local Aboriginal Land Council, Council	(e)	Noise and vibration	EPA, Council	(f)	Soil and water	DPI Fisheries, DPIE Water Group, DPI Agriculture, Council	(g)	Traffic and transport	Council				
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No.	Condition Requirement	Phase of Works	Evidence	Compliance Statement	Compliance Status	Non-compliance Unique Identifier
	a) Air quality	Construction	Coffs Harbour Bypass Construction Air Quality Management Plan, CHBPW-FGJV-NWW-AH-PLN-000001 Revision H, Ferrovial Gamuda Joint Venture, November 2022	AQMP prepared and approved for the project. Consultation record sighted.	Compliant	
	b) Biodiversity	Construction	Coffs Harbour Bypass Biodiversity Management Plan, CHBPW-FGJV-NWW-EN-PLN-000005 Revision G, Ferrovial Gamuda Joint Venture, 25/01/2023.	Biodiversity Management Plan prepared and approved for the project. Consultation record sighted.	Compliant	
	c) Flooding	Construction	Coffs Harbour Bypass Flooding Management Plan, CHBPW-FGJV-NWW-EN-PLN-000004 Revision E, Ferrovial Gamuda Joint Venture, 13/12/2022.	FMP prepared and approved for the project. Consultation record sighted.	Compliant	
	d) Heritage	Construction	Coffs Harbour Bypass Heritage Management Plan, CHBPW-FGJV-NWW-EN-PLN-000002 Revision I, Ferrovial Gamuda Joint Venture, 16/02/2023.	HMP prepared and approved for the project. Consultation record sighted.	Compliant	
	e) Noise and vibration	Construction	Coffs Harbour Bypass Construction Noise and Vibration Management Plan, CHBPW-FGJV-NWW-NV-PLN-000001 Revision I, Ferrovial Gamuda Joint Venture, 28/02/2023	CNVMP prepared and approved for the project. Consultation record sighted.	Compliant	
	f) Soil and water	Construction	Coffs Harbour Bypass Construction Soil and Water Management Plan, CHBPW-FGJV-NWW-WA-PLN-000001 Revision J, Ferrovial Gamuda Joint Venture, 17/04/2023.	CSWMP prepared and approved for the project. Consultation record sighted.	Compliant	
	g) Traffic and transport	Construction	Coffs Harbour Bypass Construction Traffic and Transport Management Plan, CHBPW-FGJV-NWW-EN-PLN-000006 Revision F, Ferrovial Gamuda Joint Venture, February 2023.	CTTMP prepared and approved for the project. Consultation record sighted.	Compliant	
C5	The CEMP Sub-plans must state how:					
	(a) the environmental performance outcomes identified in the documents listed in Condition A1 will be achieved;	Construction	- Section 2.3 of the Traffic and Transport Sub-Plan titled "Environmental Performance Outcomes" - Section 2.4 of Heritage, CNVMP, Flooding, Biodiversity, Soil and Water and Air Quality sub plans titled "Environmental Performance Outcomes"	- Section 2.3 of the Traffic and Transport Sub-Plan titled "Environmental Performance Outcomes" outlines the EPO's - Section 2.4 of Heritage, CNVMP, Flooding, Biodiversity, Soil and Water and Air Quality sub plans titled "Environmental Performance Outcomes" outlines the EPO's	Compliant	
	(b) the mitigation measures identified in the documents listed in Condition A1 will be implemented;	Construction	CNVMP, AQMP, BioMP, FMP, HMP, CTTMP, CSWMP - Section 3.3	The specific REMMs for each environmental aspect are listed in the relevant sub-plans	Compliant	
	(c) the relevant terms of this approval will be complied with; and	Construction	CNVMP, AQMP, CBioMP, FMP, HMP, CTTMP, CSWMP - Section 3.2 MCoAs	The Ministers Conditions of Approval are listed in the relevant sub-plans and their compliance.	Compliant	
	(d) issues requiring management during construction, as identified through ongoing environmental risk analysis, will be managed.	Construction	CNVMP - Section 10 AQMP, BioMP, CTTMP - Section 6 FMP, CHMP- Section 7 CSWMP - Section 5, Section 6 and all Appendices	Environmental mitigation and management measures are outlined within each sub-plan	Compliant	
C6	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 (1) month before construction.	Construction	See C4 for submission dates.	Submitted at least 1 month prior to construction start	Compliant	
C7	The Biodiversity Management Sub-plan must include:		Refer below	Refer below		
	(a) procedures for pre-clearing surveys for threatened species to be undertaken by a suitably qualified and experienced ecologist, including survey and relocation methodologies and management/offset measures;	Construction	Section 6.3 - Construction Biodiversity Management Plan	Section 6.3 of the sub-plan outlines the clearing process including pre-clearing assessment, pre-clearing survey, the clearing process and salvage of habitat features.	Compliant	
	(b) measures to prevent the spread of the pathogens myrtle rust, Phytophthora cinnamomi and chytrid fungus, and non-indigenous regenerative plant material and seeds, by the movement of all tools, vehicles, machinery, soil and earth, vegetative waste and personnel;	Construction	Appendix B (Construction Weed and Pathogen Management Plan) of CBioMP (Section 4 - management actions for priority weeds)	Appendix B outlines the processes to prevent the spread of weeds and pathogens including myrtle rust, Phytophthora cinnamomi and chytrid fungus	Compliant	
	(c) a weed management plan, including appropriate protocols to demonstrate compliance with the requirements of the Biosecurity Act 2015 and Biosecurity Regulation 2017; and	Construction	Appendix B (Construction Weed and Pathogen Management Plan) of CBioMP	Appendix B outlines the processes to prevent the spread of weeds and pathogens Section 3.1.1 of the BioMP outlines the relevant legislation the plan is to comply with including the Biosecurity Act 2015 and the Biosecurity Regulation 2017.	Compliant	
	(d) protocols for incidental finds of threatened species within the construction boundary, including guidance for updating biodiversity credit calculations and/or the use of supplementary measures where impacts cannot be avoided or minimised.	Construction	Appendix C (Unexpected Threatened Species Protocol) of CBioMP	The unexpected threatened species protocol includes guidance for updating biodiversity credits (managed in accordance with the Biodiversity Offset Strategy) and on the development of further management actions where impacts cannot be avoided.	Compliant	
C8	The Flood Management Sub-Plan must include:		Refer below	Refer below		
	(a) measures to minimise the loss of material during storm/flood events where the stockpiling of material within the floodplain cannot be avoided;	Construction	Section 6.4, Section 7 and Appendix C of Flooding Management Plan	Stockpiling on flood plains may occur during construction - the Flood Plain Management Plan will be followed to minimise the loss of material during storm/flood events	Compliant	
	(b) protocols to relocate site materials and machinery when a storm/flood event warning forecast has been issued by the Bureau of Meteorology (BOM);	Construction	Appendix C (Flooding Emergency Response Plan) of Flooding Management Plan	Appendix C, Table 3 provides mitigation measures based on the level of flood warning, this includes at what level, and where to relocate machinery.	Compliant	
	(c) procedures for safe site evacuation of staff, construction personnel and visitors; and	Construction	Appendix C (Flooding Emergency Response Plan) of Flooding Management Plan	Appendix C, Table 3 provides mitigation measures based on the level of flood warning, this includes at what level, and where to evacuate personnel	Compliant	
	(d) the induction of all staff, construction personnel and visitors on the project's storm/flood event emergency response procedures	Construction	Section 8.2 of Flooding Management Plan	Section 8.2 requires that all subcontractors, employees and utility staff undergo site induction, which will include the procedure to be implemented in the event of a flood.	Compliant	
C9	The Heritage Management Sub-Plan must include an unexpected Heritage Finds and Human Remains Procedure consistent with the procedures in the Updated Aboriginal cultural heritage assessment report, May 2020 (Appendix G, Amendment Report).	Construction	Appendix A of Heritage Management Plan	Unexpected Heritage Finds and Human Remains Procedure provided as part of the Heritage Management Plan	Compliant	
C10	The Noise and Vibration Management Sub-plan must include details of all sensitive land uses (including noise and or vibration sensitive working areas such as operating theatres and precision laboratories) that are potentially exposed to construction noise and vibration, construction ground-borne noise and operational noise.	Construction	Section 4.2 of the Noise and Vibration Management Plan	Section 4.2 lists the sensitive receivers by types (i.e. education, health etc) that are potentially exposed to Construction noise and vibration	Compliant	
C11	The Soil and Water Management Sub-plan must include:		Refer below	Refer below		
	(a) details of enhanced erosion sediment controls in catchments that flow directly to the Solitary Islands Marine Park;	Construction	Appendix A of the Erosion and Sediment Control Plan	Section 4.3.2 outlines provisions for enhanced ERSED control measures for all catchments that flow to and include the Solitary Island Marine Park	Compliant	
	(b) a construction water reuse strategy; and	Construction	Appendix D of the Construction Soil and Water Management Plan	Appendix D is a Construction Water Reuse Strategy	Compliant	
	(c) a groundwater management plan.	Construction	Appendix F of the Construction Soil and Water Management Plan Groundwater Management Plan	Appendix F is a Groundwater Management Plan	Compliant	
C12	Construction must not commence until the CEMP and all CEMP Sub-plans have been approved by the Planning Secretary. The CEMP and CEMP Sub-plans, as approved by the Planning 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 approved by the Planning Secretary.	Construction	Approval of sub-plans is detailed in the document control and approvals table.	Submitted at least 1 month prior to construction start	Compliant	
CONSTRUCTION MONITORING PROGRAMS						

No.	Condition Requirement	Phase of Works	Evidence	Compliance Statement	Compliance Status	Non-compliance Unique Identifier												
C13	<p>The Construction Monitoring Programs in Table 4 must be prepared in consultation with the relevant government agencies identified for each to compare actual performance of construction of the CSSI against the performance predicted in documents listed in Condition A1 or in the CEMP.</p> <p>Table 4: Construction Monitoring Program</p> <table border="1"> <thead> <tr> <th></th> <th>Required Construction Monitoring Programs</th> <th>Relevant government agencies to be consulted for each Construction Monitoring Program</th> </tr> </thead> <tbody> <tr> <td>(a)</td> <td>Air quality</td> <td>EPA, DPI Agriculture, Council</td> </tr> <tr> <td>(b)</td> <td>Noise and vibration</td> <td>EPA, Council</td> </tr> <tr> <td>(c)</td> <td>Surface & Ground Water Quality</td> <td>EPA, DPI Agriculture, DPI Fisheries, DPIE Water Group, Council</td> </tr> </tbody> </table>		Required Construction Monitoring Programs	Relevant government agencies to be consulted for each Construction Monitoring Program	(a)	Air quality	EPA, DPI Agriculture, Council	(b)	Noise and vibration	EPA, Council	(c)	Surface & Ground Water Quality	EPA, DPI Agriculture, DPI Fisheries, DPIE Water Group, Council		Refer below	Refer below		
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(c)	Surface & Ground Water Quality	EPA, DPI Agriculture, DPI Fisheries, DPIE Water Group, Council																
	(a) Air quality	Construction	<p>Appendix A (Construction Air Quality Monitoring Program) of Air Quality Management plan</p> <p>Letter from DPE dated 17 March 2023, subject: Construction Environmental Management Plan, sub-Plans and Construction Monitoring Programs for the Coffs Harbour Bypass project. Letter details the approval of subplans and monitoring plans and that consultation with the relevant government bodies has been completed</p>	Section 2.4 of the CAQMP states that consultation was undertaken with NSW EPA, DPI Agriculture and Coffs Harbour Council	Compliant													
	(b) Noise and vibration	Construction	Appendix 7 (Noise and Vibration Monitoring Plan) of Noise and Vibration Management Plan. Version control table shows the monitoring plan was distributed to Council and EPA for reviews	Section 2.4 of the CNV monitoring program states that consultation was undertaken with the EPA and the Coffs harbour council.	Compliant													
	(c) Surface and groundwater	Construction	<p>- Construction and Operation Groundwater Monitoring Program, Coffs Harbour Bypass Revision 4, BPE21058-R04 (Rev. 5), 29 March 2023.</p> <p>- Surface Water Monitoring Program, Coffs Harbour Bypass Revision 8, BPE21058-R03, 17 November 2022.</p> <p>- Letter from DPE dated 17 March 2023, subject: Construction Environmental Management Plan, sub-Plans and Construction Monitoring Programs for the Coffs Harbour Bypass project. Letter details the approval of subplans and monitoring plans and that consultation with the relevant government bodies has been completed. Comment from DPE about REMM GW11 states:</p> <p>"Approval of the Soil and Water Management sub-Plan (inclusive of the Surface Water Quality Construction Monitoring Program and the Ground Water Quality Construction Monitoring Program) is conditional on the comments raised by DPE Water on 3 March regarding REMM GW11 being resolved by the project. Works that may have the potential to impact on groundwater are not permitted to commence under this approval until the Soil and Water Management sub-Plan, the Surface Water Quality Construction Monitoring Program and the Ground Water Quality Construction Monitoring Program have been resubmitted and approved by the Planning Secretary. Unless otherwise agreed by the Planning Secretary, the revised sub-Plan and monitoring programs must be submitted to the Planning Secretary by 14 April 2023"</p>	<p>- Section 10 of CGWMP details consultation undertaken</p> <p>- Section 12 of CSWMP details consultation undertaken</p> <p>Most recent Soil and Water Management Plan was approved 17/04/2023</p>	Compliant													
C14	Each Construction Monitoring Program must provide:		Refer below	Refer below														
	(a) details of baseline data available;	Construction	<p>- Section 3.2 (Baseline monitoring data) of the Construction Noise and Vibration Monitoring Program</p> <p>- Section 3.2 (Baseline depositional dust gauge data) and Appendix A (Background dust deposition gauge data) of Air Quality Monitoring Program</p> <p>- Section 6 (Summary of pre-construction monitoring) of Construction and operation groundwater monitoring program</p> <p>- Section 6 (Summary of pre-construction monitoring) and Appendix C (Pre-construction surface water monitoring report) of Surface water monitoring program</p>	Details of the baseline data available has been provided for each monitoring program	Compliant													
	(b) details of baseline data to be obtained and when;	Construction	<p>- Section 3.2 of the Construction Noise and Vibration Monitoring Program</p> <p>- Section 3.2 of Air Quality Monitoring Program</p> <p>- Section 6 (Summary of pre-construction monitoring) of Construction and operation groundwater monitoring program</p> <p>- Section 6 and Appendix C of Surface water monitoring program</p>	Details of baseline data collected and when provided in each monitoring program	Compliant													
	(c) details of all monitoring of the project to be undertaken;	Construction	<p>- Section 5 (Airborne noise monitoring) of the CNVMP</p> <p>- Section 4 (Monitoring methodology) of CAQMP</p> <p>- Section 7 (Monitoring program) of GWMP</p> <p>- Section 7 (Monitoring locations), Section 8 (Monitoring regime and parameters) and Section 9 (Monitoring methodology) of SWMP</p>	Details of monitoring projects to be undertaken are provided	Compliant													
	(d) the parameters of the project to be monitored;	Construction	<p>- Section 9 (Noise and vibration criteria) of CNVMP</p> <p>- Section 4.3 (Air quality criteria) of CAQMP</p> <p>- Section 7.2 (Groundwater quality) of GWMP</p> <p>- Section 9 (Monitoring methodology) of SWMP</p>	The parameters of the project to be monitored are provided in each monitoring program	Compliant													
	(e) the frequency of monitoring to be undertaken;	Construction	<p>- Section 5.1 (Frequency and location of airborne noise monitoring) of CNVMP</p> <p>- Section 4 (Monitoring methodology) of CAQMP</p> <p>- Section 7.3 (Monitoring duration) of GWMP</p> <p>- Section 8 (Monitoring regime and parameters) of the SWMP</p>	The frequency of monitoring is outlined in each monitoring program	Compliant													

No.	Condition Requirement	Phase of Works	Evidence	Compliance Statement	Compliance Status	Non-compliance Unique Identifier
	(f) the location of monitoring;	Construction	- Section 5.1 (Frequency and location of airborne noise monitoring) of CNVMP - Section 4.1 (Dust deposition gauge monitoring) of CAQMP - Section 7.1 (Monitoring locations) and Appendix A (groundwater monitoring well location plans) of GWMP - Section 7 (Monitoring locations) and Appendix A (Surface water location plans) of the SWMP	The monitoring locations for each monitoring program has been provided in the Monitoring program reports	Compliant	
	(g) the reporting of monitoring results;	Construction	- Section 10 (Monitoring records and assessment) and Section 13 (Reporting) of the CNVMP - Section 5 (Reporting) of CAQMP - Section 8 (Data analysis and interpretation) of GWMP - Section 10 (Data analysis and interpretation) of the SWMP	The monitoring programs outline reporting requirements	Compliant	
	(h) procedures to identify and implement additional mitigation measures where results of monitoring are unsatisfactory; and	Construction	- Section 11 (Mitigation measures) of the CNVMP - Section 4.3 (Air quality criteria) of CAQMP - Section 9 (Management actions) of GWMP - Section 10 (Data analysis and interpretation) and Section 11 (Management actions) of the SWMP	Procedures for additional mitigation measures are provided in each monitoring program	Compliant	
	(i) any consultation to be undertaken in relation to the monitoring programs.	Construction	- Section 2.4 of the CNVMP (Consultation) - Section 2.4 of the CAQMP (Consultation) - Section 10 (Consultation) and Appendix B (Stakeholder comments) of GWMP - Section 12 (Consultation) and Appendix B (Stakeholder comments) of SWMP	All consultation undertaken and to be undertaken are outlined in the monitoring programs.	Compliant	
C15	The Construction Monitoring Programs must be developed in consultation with relevant government agencies as identified in Condition C13 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	Construction	Letter from DPE dated 17 March 2023, subject: Construction Environmental Management Plan, sub-Plans and Construction Monitoring Programs for the Coffs Harbour Bypass project. Letter details the approval of subplans and monitoring plans and that consultation with the relevant government bodies has been completed.	Letter from DPE dated 17 March 2023, subject: Construction Environmental Management Plan, sub-Plans and Construction Monitoring Programs for the Coffs Harbour Bypass project. Letter details the approval of subplans and monitoring plans and that consultation with the relevant government bodies has been completed.	Compliant	
C16	The Construction Monitoring Programs must be endorsed by the ER and then submitted to the Planning Secretary for approval at least one month before the commencement of construction.	Construction	- Construction Air Quality Monitoring Program and Noise and Vibration Monitoring Program submitted with Air Quality Management plan and Noise and Vibration Management plan Respectively. Submission Dates provided in Condition C4. - Surface and Groundwater Quality monitoring Programs submission dates as per Condition C13. - Letter from DPE dated 04/05/2023, Construction and Operation Surface Water Quality Monitoring Program (Conditions C13(c)-C16 and D6(a)-D7). Letter is approval of the surface water monitoring program referencing the consultation undertaken with relevant government bodies for this program. - Letter from DPE dated [Letter not dated], Construction and Operation Groundwater Monitoring Program (Conditions C13(c)-C16 and D6(a)-D7). Letter is approval of the groundwater monitoring program referencing the consultation undertaken with relevant government bodies for this program Confirm Construction Commencement date	- Construction Air Quality Monitoring Program and Noise and Vibration Monitoring Program submitted with Air Quality Management plan and Noise and Vibration Management plan Respectively. Submission Dates provided in Condition C4. - Surface and Groundwater Quality monitoring Programs submission dates as per Condition C13. - Letter from DPE dated 04/05/2023, Construction and Operation Surface Water Quality Monitoring Program (Conditions C13(c)-C16 and D6(a)-D7). Letter is approval of the surface water monitoring program referencing the consultation undertaken with relevant government bodies for this program. - Letter from DPE dated [Letter not dated], Construction and Operation Groundwater Monitoring Program (Conditions C13(c)-C16 and D6(a)-D7). Letter is approval of the groundwater monitoring program referencing the consultation undertaken with relevant government bodies for this program Confirm Construction Commencement date	Compliant	
C17	Construction must not commence until the Planning Secretary has approved all of the required Construction Monitoring Programs, and all relevant baseline data for the specific construction activity has been collected.	Construction	Letter from DPE dated 17 March 2023, subject: Construction Environmental Management Plan, sub-Plans and Construction Monitoring Programs for the Coffs Harbour Bypass project. Letter details the approval of subplans and monitoring plans and that consultation with the relevant government bodies has been completed. Confirm Construction commencement date	Letter from DPE dated 17 March 2023, subject: Construction Environmental Management Plan, sub-Plans and Construction Monitoring Programs for the Coffs Harbour Bypass project. Letter details the approval of subplans and monitoring plans and that consultation with the relevant government bodies has been completed. Construction did not begin until after the Planning Secretary approved all required Construction Monitoring Programs.	Compliant	
C18	The Construction Monitoring Programs, as approved by the Planning 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 Planning Secretary, whichever is the greater.	Construction	Monitoring programs have been submitted and are being implemented, See condition C4 and C13.	Monitoring programs have been submitted and are being implemented, See condition C4 and C13.	Compliant	
C19	The results of the Construction Monitoring Programs must be submitted to the Planning 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. Note: Where a relevant CEMP Sub-plan exists, the relevant Construction Monitoring Program may be incorporated into that CEMP Sub-plan.	Construction	Monitoring programs have been submitted and are being implemented, See condition C4 and C13.	Monitoring programs have been submitted and are being implemented, See condition C4 and C13.	Compliant	
PART D - OPERATIONAL ENVIRONMENTAL MANAGEMENT						
OPERATIONAL ENVIRONMENTAL MANAGEMENT						
D1	An Operational Environmental Management Plan (OEMP) must be prepared in accordance with the Environmental Management Plan Guideline for Infrastructure Projects (DPIE, 2020). The OEMP must detail how the performance outcomes, commitments and mitigation measures made and identified in in the documents listed in Condition A1 will be implemented and achieved during operation. This condition (Condition D1) does not apply if Condition D2 of this approval applies.	Operation			Not triggered	
D2	An OEMP is not required for the CSSI if the Proponent has an Environmental Management System (EMS) or equivalent as agreed with the Planning Secretary, and demonstrates, to the satisfaction of the Planning Secretary, that through the EMS or equivalent: (a) the performance outcomes, commitments and mitigation measures, made and identified in in the documents listed in Condition A1, and specified relevant terms of this 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	

No.	Condition Requirement	Phase of Works	Evidence	Compliance Statement	Compliance Status	Non-compliance Unique Identifier									
D3	<p>Where an OEMP is required, the Proponent must include the OEMP Sub-plans in Table 5 in the OEMP.</p> <table border="1"> <caption>Table 5: OEMP Sub-plans</caption> <thead> <tr> <th></th> <th>Required OEMP Sub-plan</th> <th>Relevant government agencies to be consulted for each OEMP Sub-plan</th> </tr> </thead> <tbody> <tr> <td>(a)</td> <td>Emergency Response Plan</td> <td>Emergency Services, EPA, SafeWork NSW</td> </tr> </tbody> </table> <p>Each of the OEMP Sub-plans must include the information set out in Condition D2 of this approval.</p> <p>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 to be included in an OEMP Sub-plan during such consultation. Details of all information requested by an agency 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.</p> <p>The OEMP Sub-plans must be submitted to the Planning Secretary as part of the OEMP.</p>		Required OEMP Sub-plan	Relevant government agencies to be consulted for each OEMP Sub-plan	(a)	Emergency Response Plan	Emergency Services, EPA, SafeWork NSW	Operation			Not triggered				
	Required OEMP Sub-plan	Relevant government agencies to be consulted for each OEMP Sub-plan													
(a)	Emergency Response Plan	Emergency Services, EPA, SafeWork NSW													
D4	The OEMP or EMS or equivalent as agreed with the Planning Secretary, must be submitted to the Planning Secretary for information no later than one (1) month before the commencement of operation.	Operation			Not triggered										
D5	The OEMP or EMS or equivalent as agreed with the Planning Secretary, as submitted to the Planning Secretary and amended from time to time, must be implemented for the duration of operation and the OEMP or EMS or equivalent must be made publicly available before the commencement of operation.	Operation			Not triggered										
OPERATIONAL MONITORING PROGRAM															
D6	<p>The Operational Monitoring Programs in Table 6 must be prepared in consultation with the relevant authorities identified for each Operational Monitoring Program to compare actual operational performance against predicted performance. These programs must be submitted to the Planning Secretary for information. The monitoring program must be implemented.</p> <table border="1"> <caption>Table 6: Operational monitoring program</caption> <thead> <tr> <th></th> <th>Required Operational Monitoring Programs</th> <th>Relevant authority(s) and council(s) to be consulted for each Operational Monitoring Program</th> </tr> </thead> <tbody> <tr> <td>(a)</td> <td>Surface & Ground Water Quality</td> <td>EPA, DPI Fisheries, DPIE Water Group, Council</td> </tr> <tr> <td>(b)</td> <td>Biodiversity</td> <td>EESG, DAWE, Council</td> </tr> </tbody> </table>		Required Operational Monitoring Programs	Relevant authority(s) and council(s) to be consulted for each Operational Monitoring Program	(a)	Surface & Ground Water Quality	EPA, DPI Fisheries, DPIE Water Group, Council	(b)	Biodiversity	EESG, DAWE, Council	Operation	<p>- Letter from DPE dated 04/05/2023, Construction and Operation Surface Water Quality Monitoring Program (Conditions C13(c)-C16 and D6(a)-D7). Letter is approval of the surface water monitoring program referencing the consultation undertaken with relevant government bodies for this program.</p> <p>- Letter from DPE dated [Letter not dated], Construction and Operation Groundwater Monitoring Program (Conditions C13(c)-C16 and D6(a)-D7). Letter is approval of the groundwater monitoring program referencing the consultation undertaken with relevant government bodies for this program</p> <p>Confirm Construction Commencement date</p>		Not triggered	
	Required Operational Monitoring Programs	Relevant authority(s) and council(s) to be consulted for each Operational Monitoring Program													
(a)	Surface & Ground Water Quality	EPA, DPI Fisheries, DPIE Water Group, Council													
(b)	Biodiversity	EESG, DAWE, Council													
D7	<p>Each operational monitoring program must include:</p> <p>(a) details of baseline data;</p> <p>(b) details of all monitoring of the project to be undertaken;</p> <p>(c) the parameters of the project to be monitored;</p> <p>(d) the frequency and lifespan of monitoring to be undertaken;</p> <p>(e) the location of monitoring;</p> <p>(f) the reporting of monitoring and analysis results against relevant criteria;</p> <p>(g) details of the methods that will be employed to analyse the monitoring data;</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>	Operation	<p>Letter from DPE dated 04/05/2023, Construction and Operation Surface Water Quality Monitoring Program (Conditions C13(c)-C16 and D6(a)-D7). Letter is approval of the surface water monitoring program referencing the consultation undertaken with relevant government bodies for this program.</p> <p>- Letter from DPE dated [Letter not dated], Construction and Operation Groundwater Monitoring Program (Conditions C13(c)-C16 and D6(a)-D7). Letter is approval of the groundwater monitoring program referencing the consultation undertaken with relevant government bodies for this program</p> <p>Confirm Construction Commencement date</p>		Not triggered										
PART E - KEY ISSUE CONDITIONS															
AIR QUALITY															
E1	In addition to the performance outcomes, commitments and mitigation measures specified in the documents listed in Condition A1, all reasonably practicable measures must be implemented to minimise the emission of dust and other air pollutants during the construction and operation of the CSSI	Construction	Site inspection	Air quality measures are being implemented. E.g. Water carts on site (photographs) Dust still being generated and drifting off site due to windy conditions.	Non-compliant	NC01-002									
BIODIVERSITY															
E2	The clearing of native vegetation must be minimised with the objective of reducing impacts to threatened ecological communities and threatened species habitat.	Construction	Section 6.3 of Biodiversity Management Plan Site photographs	Clearing procedures have been outlined in the Biodiversity Management Plan. Clearing procedures are being followed.	Compliant										
E3	The Proponent must meet the biodiversity offset obligations for ecosystem and species credits as set out in Table 7 and Table 8 (at the end of this spreadsheet) within 12 months of the commencement of construction. The retirement of the biodiversity credits must be carried out in accordance with the NSW Biodiversity Offsets Policy for Major Projects and can be achieved by:	Construction	Refer below	Combination of measures are being undertaken with respect to biodiversity offset obligations, as described below.											
	(a) acquiring and retiring "biodiversity credits" within the meaning of the Biodiversity Conservation Act 2016; and/or		- Biodiversity Offset Strategy - Letter from DPE dated 12/07/2022: Biodiversity Offsets for Coffs Harbour Bypass. Confirmation that payment into the Biodiversity Conservation Fund for 206 credits for Planigale maculata (Common Planigale) were paid. Signed by Dominic Crinnion - Letter from DPE dated 05/07/2023 Biodiversity Offsets Coffs Harbour (Conditions E3, E8 of SSI 7666). Confirmation of payment of 75 of 247 credits for the Giant Barred Frog (Mixophyes iterates). Signed by Dominic Crinnion. - More biodiversity credits required to be retired in accordance with Table 7 and Table 8 prior to 31 March 2024	Biodiversity credits are being retired progressively	Compliant										
	(b) properties secured with the NSW National Parks and Wildlife Service (NPWS), on the basis of a draft credit report to show what the property would provide and written confirmation from NPWS that the financial contributions for acquisition and management have been received; and/or	Construction	No impacts onto NPWS land	NA	Not triggered										
	(c) making a payment into the Biodiversity Conservation Fund; and/or	Construction	Payments been made into the BCF and uploaded to project website	Biodiversity offsets are being retired progressively	Compliant										
	(d) a Biodiversity Offset Strategy prepared in consultation with EESG and DAWE that provides supplementary measures.	Construction	Biodiversity Offset Strategy is contained in the Amendment Report Vol 3 Appendix C Updated Biodiversity Assessment (Appendix E)	Biodiversity Offset Strategy has been prepared	Compliant										
	Notes 1: Following repeal of the Threatened Species Conservation Act 1995 on 25 August 2017, "biodiversity credits" created under that Act are taken to be "biodiversity credits" under the Biodiversity Conservation Act 2016 by virtue of clause 19 of the Biodiversity Conservation (Savings and Transitional) Regulation 2017. 2: The determination of biodiversity credits under the BC Act that are reasonably equivalent to biodiversity credits created under the TSC Act remaining to be retired must be carried out in accordance with clause 22 of the Biodiversity Conservation (Savings and Transitional) Regulation 2017.		Note only												

No.	Condition Requirement	Phase of Works	Evidence	Compliance Statement	Compliance Status	Non-compliance Unique Identifier						
E4	The Proponent may review and update the ecosystem and species credit requirements in Table 7 and Table 8 or the supplementary measures outlined in Table 9 to reflect the final construction footprint and resulting extent and type of plant community types to be cleared and the extent of threatened species habitat impacted by the construction of the CSSI. Amendments to the ecosystem and species credit requirements must be undertaken in consultation with EESG and DAWE and submitted to the Planning Secretary for approval within six (6) months of determining the final construction footprint	Construction	Construction footprint has been reduced from what was approved, however, offsetting will be provided for the currently approved clearing area.	Construction footprint has been reduced from what was approved, however, offsetting will be provided for the currently approved clearing area.	Compliant							
E5	The review and update of credit requirements must be undertaken by: (a) using the vegetation mapping in the Coffs Harbour Bypass Amendment Report Volume 3 Appendix C Biodiversity Assessment Report (May 2020); and/or (b) completing verification surveys to confirm the extent, type and condition of native vegetation to be impacted.	Construction	Construction footprint has been reduced from what was approved, however, offsetting will be provided for the currently approved clearing area.	Construction footprint has been reduced from what was approved, however, offsetting will be provided for the currently approved clearing area.	Compliant							
E6	Where verification surveys are required, they must be undertaken in consultation with EESG. Any additional surveys must be undertaken at the time of year when groundcover is most likely to be predominantly native. If evaluation is not possible at a time when groundcover is most likely to be native, the assumed presence of any relevant species and ecosystems may be applied to conservatively evaluate impacts and associated credit requirements.	Construction	Construction footprint has been reduced from what was approved, however, offsetting will be provided for the currently approved clearing area.	Construction footprint has been reduced from what was approved, however, offsetting will be provided for the currently approved clearing area.	Compliant							
E7	The Proponent must submit to the Planning Secretary for information: (a) a copy of the Credit Retirement Report; and/or	Construction	Refer below - Letter from DPE dated 12/07/2022: Biodiversity Offsets for Coffs Harbour Bypass. Confirmation that payment into the Biodiversity Conservation Fund for 206 credits for Planigale maculata (Common Planigale) were paid. Signed by Dominic Crinnion	Refer below Credit retirement report provided More credits are to be retired progressively.	Compliant							
	(b) a receipt confirming payment to the Biodiversity Conservation Fund; and/or	Construction	Letter from DPE dated 05/07/2023 Biodiversity Offsets Coffs Harbour (Conditions E3, E8 of SSI 7666). Confirmation of payment of 75 of 247 credits for the Giant Barred Frog (Mixophyes iteratus). Signed by Dominic Crinnion. Letter from BCF dated 26/05/2001: SSI7666 -Coffs Harbour Bypass - Utility Relocation and Geotechnical Works. Letter recognises clearing requirements for utility relocation works and understands that applications for biodiversity stewardship agreements are progressing and that payment for the supplementary measures in lieu of offsets for scrub turpentine has been made to the Saving Our Species Program.	Credit receipt provided More credits are to be retired progressively.	Compliant							
	(c) a receipt confirming payment to the EESG North East Branch for the Scrub Turpentine supplementary measures; and/or	Construction	Letter from DPE dated 18/05/2022: Coffs Harbour Bypass - Post Approval Document Received - (SSI-7666-PA-76) Letter recognises the receipt and correspondence from EESG North East Branch for the Scrub Turpentine supplementary measures required under MCoA E8	Receipt and correspondence received for the Scrub Turpentine supplementary measures by EESG	Compliant							
	(d) correspondence from NPWS.	Construction	Letter from DPE dated 16/03/2023: Coffs Harbour Bypass - NPWS Correspondence Confirming Payment E7(d) The letter acknowledges the receipt of NPWS Correspondence Confirming Payment E7(d) for the Coffs Harbour Bypass	Receipt and correspondence received for NPWS	Compliant							
	for the retirement of the ecosystem and species credits required by Condition E3 within one month of receiving the report and/or making the payments and/or receiving correspondence from NPWS.		Note only									
Supplementary Measures for Scrub Turpentine												
E8	Prior to the commencement of work that impacts Scrub Turpentine (<i>Rhodamnia rubescens</i>), the quantum of funds specified in Table 9 (based on the requirements of the NSW Biodiversity Offsets Policy for Major Projects) must be transferred to the Department's EESG North East Branch for the purposes of EESG undertaking one or a combination of the supplementary measures in Table 9 to offset the CSSI's impacts to Scrub Turpentine. Table 9: Supplementary measures for Scrub Turpentine <table border="1" data-bbox="246 1199 961 1539"> <thead> <tr> <th>Scrub Turpentine Credit Obligation</th> <th>Measures to be funded</th> <th>Funding amount</th> </tr> </thead> <tbody> <tr> <td>42</td> <td>(a) Undertake genetically representative germplasm germplasm collections. Genetic material is to be collected from a minimum of eight individuals from every every germplasm germplasm collection site and analysed to determine population structure and genetic representativeness of collections. (b) Where possible, collect swamp turpentine seeds for depositing in the seed collection of the Australian Botanic Gardens – Mt Annan. (c) Collect cuttings from appropriate field locations and propagate these cuttings in a controlled disease free disease free environment. (d) Create an "orcharding" and seed production program to grow and manage plants obtained from cuttings by botanic gardens/nurseries located in low humidity / myrtle rust free areas. (e) Develop Develop a long term management plan for the eventual management/re-establishment of wild populations of the species. (f) Any other relevant conservation action identified in the EESG "Saving Our Species <i>Rhodamnia rubescens</i> Conservation Strategy" (https://www.environment.nsw.gov.au/savingourspeciesapp/project.aspx?profileid=20341)</td> <td>\$274,000</td> </tr> </tbody> </table>	Scrub Turpentine Credit Obligation	Measures to be funded	Funding amount	42	(a) Undertake genetically representative germplasm germplasm collections. Genetic material is to be collected from a minimum of eight individuals from every every germplasm germplasm collection site and analysed to determine population structure and genetic representativeness of collections. (b) Where possible, collect swamp turpentine seeds for depositing in the seed collection of the Australian Botanic Gardens – Mt Annan. (c) Collect cuttings from appropriate field locations and propagate these cuttings in a controlled disease free disease free environment. (d) Create an "orcharding" and seed production program to grow and manage plants obtained from cuttings by botanic gardens/nurseries located in low humidity / myrtle rust free areas. (e) Develop Develop a long term management plan for the eventual management/re-establishment of wild populations of the species. (f) Any other relevant conservation action identified in the EESG "Saving Our Species <i>Rhodamnia rubescens</i> Conservation Strategy" (https://www.environment.nsw.gov.au/savingourspeciesapp/project.aspx?profileid=20341)	\$274,000	Construction	Letter from DPE dated 18/05/2022: Coffs Harbour Bypass - Post Approval Document Received - (SSI-7666-PA-76) Letter recognises the receipt and correspondence from EESG North East Branch for the Scrub Turpentine supplementary measures required under MCoA E8 Letter from BCF dated 26/05/2001: SSI7666 -Coffs Harbour Bypass - Utility Relocation and Geotechnical Works. Letter recognises clearing requirements for utility relocation works and understands that applications for biodiversity stewardship agreements are progressing and that payment for the supplementary measures in lieu of offsets for scrub turpentine has been made to the Saving Our Species Program.	Funds to offset scrub turpentine are being paid prior to their impact. Further credits will need to be retired prior to any further impacts to scrub turpentine.	Compliant	
Scrub Turpentine Credit Obligation	Measures to be funded	Funding amount										
42	(a) Undertake genetically representative germplasm germplasm collections. Genetic material is to be collected from a minimum of eight individuals from every every germplasm germplasm collection site and analysed to determine population structure and genetic representativeness of collections. (b) Where possible, collect swamp turpentine seeds for depositing in the seed collection of the Australian Botanic Gardens – Mt Annan. (c) Collect cuttings from appropriate field locations and propagate these cuttings in a controlled disease free disease free environment. (d) Create an "orcharding" and seed production program to grow and manage plants obtained from cuttings by botanic gardens/nurseries located in low humidity / myrtle rust free areas. (e) Develop Develop a long term management plan for the eventual management/re-establishment of wild populations of the species. (f) Any other relevant conservation action identified in the EESG "Saving Our Species <i>Rhodamnia rubescens</i> Conservation Strategy" (https://www.environment.nsw.gov.au/savingourspeciesapp/project.aspx?profileid=20341)	\$274,000										
Koala habitat												
E9	The Proponent must reduce the 39.71 hectares of known koala habitat that is impacted by the CSSI, unless otherwise agreed by the Planning Secretary	Construction	Post IFC clearing spreadsheet. DM-01 Design drawings.	Koala habitat clearing has been reduced to 31.20 ha	Compliant							
E10	A report on the final construction footprint demonstrating how impacts to koala habitat have been reduced must be provided to the Planning Secretary, EESG and DAWE for information, within six (6) months of determining the final construction footprint.	Construction	Final detailed designs are not yet complete	Final detailed designs are not yet complete	Not triggered							
E11	A minimum of 1032 species credits must be provided to offset impacts to the koala.	Construction	Email from Biodiversity Offset Scheme Credits Team with credit retirement report for the Kalang property retiring 1032 Koala Credits.	Satisfactory per evidence	Compliant							
E12	The species offset credits required by Condition E11 must be sourced where practicable, from: (a) the same IBRA subregion as the impacted site, or (b) the adjoining IBRA subregions within the same IBRA region as identified in (a).	Construction	Table in the retirement report includes IBRA subregion being Coffs Coast & Escarpment which is the same IBRA as Coffs Harbour Bypass.	Satisfactory per evidence	Compliant							

No.	Condition Requirement	Phase of Works	Evidence	Compliance Statement	Compliance Status	Non-compliance Unique Identifier
E13	Any lands within the road alignment above the Roberts Hill and Gatelys Road tunnels as well as any directly adjacent residual lands owned by TfNSW that are within the regionally and locally significant koala corridors at Roberts Hill and Gatelys Road must be restored with koala habitat. Any land that is subsequently disposed of by TfNSW at these locations must have the Koala habitat protected in-perpetuity. The mechanism to protect the restored koala habitat must be developed in consultation with EESG and approved by the Planning Secretary prior to the commencement of construction. The mechanism is to ensure in-perpetuity funding for management and the protection of the koala corridors at these two locations. The restoration of koala habitat must be undertaken within 12 months of the completion of construction.	Construction	Letter from DPE dated 7/12/2022: Mechanism for the Protection of Restored Koala Habitat (Condition E13 of SSI 7666). Letter recognises the nomination of Biodiversity Stewardship Agreements (BSA) as the proposed mechanism to protect the restored Koala habitat. It also notes the BSA's - have been selected in consultation with Biodiversity Conservation Division, Biodiversity Conservation Trust and Credit Supply Taskforce. - include in-perpetuity funding for managing and protecting koala corridors at the two locations. - are supported by Biodiversity Conservation Division, Biodiversity Conservation Trust and Credit Supply Taskforce. The author as nominee of the Planning Secretary, approves Biodiversity Stewardship Agreements as the mechanism to protect the restored Koala habitat required by Condition E13. Signed by Dominic Crinion	The land disposed of by TfNSW have Koala have BSA's which commit to protecting Koala habitat in perpetuity. The BSA's have been developed in consultation with BCT, BCD and Credit Supply Taskforce. Planning Secretary has approved of the BCAs	Compliant	
Translocation of Rusty Plum						
E14	A Rusty Plum Salvage and Re-establishment Plan must be prepared and implemented. The Plan must be submitted to the Planning Secretary for information prior to work which impacts Rusty Plum individuals. The Plan must be prepared by a suitably qualified and experienced ecologist in consultation with EESG, and include:		Refer below	Refer below		
	(a) objectives for the translocation of the Rusty Plum;	Construction	- Coffs Harbour Bypass Rusty Plum Salvage and Re-establishment Plan , Prepared for Transport for New South Wales, Prepared by Dr Andrew Benwell, Ecos Environmental Pty Ltd, 20/1/2022 (RPSRP) - Section 3 (Translocation Strategy) of RPSRP	RPSRP prepared and objectives are outlined in Section 3 of the Plan	Compliant	
	(b) detailed procedures for the preparation of the re-establishment and receiving sites;	Construction	Section 2 (Pre-translocation Assessment), Section 3 (Translocation strategy), Section 4 (Translocation Action) and Section 5 (Post-translocation Actions) of the RPSRP detail the procedures for the preparation of the re-establishment and receiving sites.	Section 2 (Pre-translocation Assessment), Section 3 (Translocation strategy), Section 4 (Translocation Action) and Section 5 (Post-translocation Actions) of the RPSRP detail the procedures for the preparation of the re-establishment and receiving sites.	Compliant	
	(c) methodology for the movement of Rusty Plum individuals;	Construction	Section 4 (Translocation Action) of RPSRP	The methodologies for the movement of Rusty Plum individuals is outlined in Section 4 of the plan	Compliant	
	(d) pre- and post-movement care of target individuals, including maintenance and performance criteria;	Construction	Section 2 (Pre-translocation Assessment) and Section 5 (Post-translocation Actions) of the RPSRP	Section 2 and Section 5 of the plan outline the pre and post movement care of target individuals	Compliant	
	(e) monitoring and reporting procedures; and	Construction	Section 5 (Post-translocation Actions) of the RPSRP	Section 5 includes a requirement for a monitoring program and a translocation monitoring report	Compliant	
	(f) contingency measures.	Construction	Section 5 (Post-translocation Actions) of the RPSRP	Section 5 includes a requirement for a monitoring program and a translocation monitoring report	Compliant	
Threatened Species Management Plan						
E15	A Threatened Species Management Plan must be prepared to address impacts and identify management measures for the species identified in Appendix C Updated Biodiversity Assessment Report, May 2020 (Coffs Harbour Bypass Amendment Report Vol.3, June 2020) as being significantly impacted by the CSSI. The plan must be prepared by a suitably qualified and experienced ecologist in consultation with EESG, DPI Fisheries, DAWE and Council and implemented prior to work that impacts the species' habitat. The Plan must include:		Refer below	Refer below		
	(a) details of potential impacts from the construction and operation of the CSSI on each species;	Construction	Coffs Harbour Bypass, Threatened Species Management Plan, Transport for New South Wales, May 2021, Version 4 working draft. Section 4 of the TSMP	The TSMP outlines the potential impacts associated with the project on the threatened flora and threatened fauna	Compliant	
	(b) details of proposed management and mitigation measures for each species, including exclusion fencing, connectivity structures, nest boxes and habitat revegetation;	Construction	Section 4 of the TSMP	The TSMP outlines the potential impacts associated with the project and the mitigation measures for the applicable species	Compliant	
	(c) goals and performance indicators to measure the success of the mitigation measures;	Construction	Section 5.4 (mitigation goals and corrective actions), Section 6.4 (mitigation goals and corrective actions) and Section 8.6 (evaluation, project review and reporting)	The TSMP outlines goals and performance indicators to measure the success of the mitigation measures	Compliant	
	(d) ongoing monitoring during construction and operation; and	Construction	Section 8 (Monitoring program)	The monitoring program outlines the monitoring requirements during construction and operation	Compliant	
	(e) contingency measures to address impacts attributable to the construction and operation of the CSSI	Construction	Section 6 (Construction management measures) and Section 8 (Operational management Measures) of the TSMP	Management measures to address the impacts from construction and operation are addressed in Section 6 and Section 7		
E16	The Threatened Species Management Plan must be submitted to the Planning Secretary for information prior to work that impacts the species' habitat.	Construction	Letter from DPE dated 26/06/2021: Threatened Species Management Plan. Approval of working draft for 'early works', requests that the document is updated prior to commencement of construction and operation activities. Rev 4 of the TSMP is available on the Project Website. The Project is currently updating the TSMP to include changes to fauna connectivity structures, native guava and construction phase referencing	Rev 4 of the TSMP is available on the Project Website. The Project is currently updating the TSMP to include changes to fauna connectivity structures, native guava and construction phase referencing	Compliant	
Re-use of Timber						
E17	Prior to vegetation clearing, the Proponent must consult with Council, community and Landcare groups and government agencies to determine:		Refer below	Refer below		
	(a) the use of root balls; and/or	Construction	- Root balls are being reused for local land services for river restoration projects, see meeting minutes <i>Coffs Harbour Bypass Meeting Minutes 26/06/2023</i> - Section 6.3.4.2 of the CEMP - Consultation records for root ball and Pins donations has been provided	Consultation records for root ball and pins donations has been sighted	Compliant	
	(b) the collection of plant material and seeds from lowland rainforest vegetation impacted by the CSSI, that could be used by others in habitat enhancement and rehabilitation work, before pursuing other disposal options.	Construction	Seed and vegetation collection logs provided and reviewed. To date, multiple visits from Landcare to Mackays Road and Spagnolos Road Rainforest have been completed	Seed and vegetation collection logs provided and reviewed. To date, multiple visits from Landcare to Mackays Road and Spagnolos Road Rainforest have been completed	Compliant	
	Note: The reuse of root balls and other vegetative material offsite may be possible where it has not been infected by <i>Phytophthora cinnamomi</i> , <i>Myrtle Rust</i> or <i>Chytrid Fungus</i> pathogens.		Note only	Note only		
FLOODING						

No.	Condition Requirement	Phase of Works	Evidence	Compliance Statement	Compliance Status	Non-compliance Unique Identifier
E18	The CSSI must be designed so that the floodplain management objectives in Table 6 of Appendix H - Updated flooding and hydrology assessment of the Amendment Report are not exceeded, unless otherwise agreed by the Planning Secretary, for events up to the 1% AEP.	Construction	Flooding and hydrology model is still being finalised and approval from DPE being sought	In progress	Not triggered	
E19	For areas outside the project boundary, the following flood afflux objectives must not be exceeded, unless otherwise agreed by the Planning Secretary, for events up to the 1% AEP:		Flooding and hydrology model is still being finalised and approval from DPE being sought	In progress		
	(a) Less than 10 mm for residential, commercial and industrial areas, and buildings affected by existing Finished Floor Level inundation;	Construction	Flooding and hydrology model is still being finalised and approval from DPE being sought	In progress	Not triggered	
	(b) Less than 50 mm for agricultural land; and	Construction	Flooding and hydrology model is still being finalised and approval from DPE being sought	In progress	Not triggered	
	(c) Less than 250 mm pastoral, forest and recreational areas.	Construction	Flooding and hydrology model is still being finalised and approval from DPE being sought	In progress	Not triggered	
E20	Flood information prepared for the project, including flood reports, models and geographic information system outputs, and work as executed information certifying finished ground levels and the dimensions and finished levels of all structures within the flood prone land, must be provided to the Council, EESG and SES in order to assist in preparing relevant documents and to reflect changes in flood behaviour as a result of the CSSI. The Council, EESG 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, EESG or SES must be provided no later than six months following the completion of construction or within another timeframe agreed with the Council, EESG and SES.	Construction	NA	In progress	Not triggered	
E21	Where the CSSI changes the design or function of Spagnolos Basin and Bennett's Road Basin, an updated Dam Safety Management Plan(s) must be prepared and provided to Council prior to construction commencing.	Construction	No changes the design or function of Spagnolos Basin and Bennett's Road Basin	No changes the design or function of Spagnolos Basin and Bennett's Road Basin	Not triggered	
HERITAGE						
E22	The Unexpected Heritage Finds and Human Remains Procedure, as submitted to the Planning Secretary, must be implemented for the duration of construction. Note: Human remains that are found unexpectedly during the carrying out of work may be under the jurisdiction of the NSW State Coroner and must be reported to the NSW Police immediately.	Construction	Appendix A of the Heritage Management Plan	The unexpected heritage finds and human remains procedure is part of the Heritage management plan	Compliant	
Aboriginal Heritage - Archaeological Salvage						
E23	Archaeological salvage of sites CHB AFT 1, CHB AFT 5, CHB AFT 8, CHB AFT 11, CHB AFT 13, CHB AFT 16 and CHB PAD 27 must be undertaken in accordance with the methodology described in Appendix E of the Updated Aboriginal cultural heritage assessment report, May 2020 (Appendix G, Amendment Report).	Pre-construction	Aboriginal Cultural Salvage Report, Coffs Harbour Bypass, Transport for New South Wales	Salvage sites are detailed in Appendix B (Sites for Cultural Salvage) and Appendix C (Completion of Cultural Salvage Sites). Records of completion of Cultural Salvage sites sighted.	Compliant	
E24	Following completion of salvage of Aboriginal objects (Condition E23), the Proponent must prepare a Aboriginal Heritage Salvage Report which includes details of any archival recording, further archaeological research either undertaken or to be carried out, and archaeological excavations (with artefact analysis and identification of a final repository for finds), must be prepared in accordance with any guidelines and standards required by Heritage NSW	Pre-construction	Aboriginal Cultural Salvage Report, Coffs Harbour Bypass, Transport for New South Wales	Salvage sites are detailed in the Aboriginal Cultural Salvage Reports	Compliant	
E25	The Aboriginal Heritage Salvage Report must be submitted to the Planning Secretary, Heritage NSW and the RAPs for information no later than 12 months after the completion of the salvage work referred to in Condition E23.	Pre-construction	Aboriginal Archaeological Salvage Analysis Report for the Coffs Harbour Bypass submitted to the Planning Secretary on 10/02/2023	Aboriginal Archaeological Salvage Analysis Report for the Coffs Harbour Bypass submitted to the Planning Secretary on 10/02/2023	Compliant	
Aboriginal Heritage - Cultural Salvage						
E26	At least one (1) month prior to the commencement of archaeological salvage required under Condition E23, the Proponent must give the opportunity to RAPs to identify potential sites within the construction boundary for cultural salvage required under Condition E27.	Pre-construction	Letter dated 3/05/2023 from TfNSW to DPE: SSI 7666 Coffs Harbour Bypass MCoA E26 - E29 Aboriginal Cultural Salvage. The letter outlines how the project has complied with E26 by providing evidence of consultation with RAPs to identifying potential sites within the construction boundary at least one month before the construction start.	TfNSW and CHB team engaged RAPs and gave the opportunity for the identification of potential sites.	Compliant	
E27	Within one week after the completion of the archaeological salvage under Condition E23, the RAPs may undertake cultural salvage at each site they have determined under Condition E26 has cultural significance. The cultural salvage of these sites must be completed within 15 days of starting.	Pre-construction	Letter dated 3/05/2023 from TfNSW to DPE: SSI 7666 Coffs Harbour Bypass MCoA E26 - E29 Aboriginal Cultural Salvage. The letter outlines how the project has complied with E27 by facilitating cultural salvage activities by the RAPs. Due to unforeseen circumstances the salvage activities continued for 35 days, this was at the approval of TfNSW.	Cultural salvage was undertaken for longer than the 15 days stated. However this was due to unforeseen circumstances and was approved by TfNSW	Compliant	
E28	The cultural salvage must be undertaken in accordance with the methodology identified in Appendix F of the Updated Aboriginal cultural heritage assessment report, May 2020 (Appendix G, Amendment Report), unless otherwise agreed with the RAPs and Heritage NSW.	Pre-construction	Letter dated 3/05/2023 from TfNSW to DPE: SSI 7666 Coffs Harbour Bypass MCoA E26 - E29 Aboriginal Cultural Salvage. The letter outlines how the project has complied with E28 stating "The cultural salvage works were undertaken in accordance with the methodology identified in Appendix F of the Updated Aboriginal Cultural Heritage Assessment Report [CHAR] and in consultation with the participating RAPs. In consultation with the participating RAPs and while maintaining compliance with the CHAR TfNSW agreed to increase the number of potential cultural salvage sites investigated and the timeframe for undertaking the cultural salvage investigation works. The cultural salvage works were supported by earth moving equipment, where possible, in accordance with step 5 of the CHAR. Also in accordance with the CHAR and specifically step 7, up to eight (8) Aboriginal stakeholders were present to collect material and no sieving was undertaken."	The cultural salvage was completed in accordance with the CHAR	Compliant	
E29	Any cultural material collected under Condition E27 remains in the custody of the RAPs	Pre-construction	Letter dated 3/05/2023 from TfNSW to DPE: SSI 7666 Coffs Harbour Bypass MCoA E26 - E29 Aboriginal Cultural Salvage. The letter outlines how the project has complied with E29 by stating "The cultural material collected has been stored, as requested by the RAPs, in a locked shipping container within the Project boundary. At this stage it is expected all artefacts will be returned to country and ready for repatriation in the second half of the year following the completion of the archaeological analysis and reporting requirements."	Cultural materials are within a storage area agreed to by the RAPs. It is noted that at this stage, with ongoing consultation with Registered Aboriginal Parties, it is more likely that artefacts will be returned to country at the end of 2024.	Compliant	
Non-Aboriginal Heritage						
E30	A Non-Aboriginal Heritage Report documenting all archival recording and details of further historical research either undertaken or to be carried out. The Non-Aboriginal Heritage Report must be prepared by a suitably qualified heritage specialist in accordance with guidelines and standards issued by the NSW Heritage Council and Heritage NSW.	Pre-construction	- Coffs Harbour Bypass Pacific Highway Upgrade: Photographic Archival Recording - Market Tree Stumps, Artefact Heritage, 19 August 2021 - Coffs Harbour Bypass Pacific Highway Upgrade: Photographic Archival Recording - Former Coffs Heights Post Office, Artefact Heritage, 19 August 2021	Non-Aboriginal Heritage reports have been completed by suitably qualified heritage specialists.	Compliant	

No.	Condition Requirement	Phase of Works	Evidence	Compliance Statement	Compliance Status	Non-compliance Unique Identifier
E31	Within 12 months of completing all archaeological investigations and archival recording of heritage items, the Proponent must submit the Non-Aboriginal Heritage Report to the Planning Secretary, Council and relevant local libraries and local historical societies in the Coffs Harbour local government area.	Pre-construction	- Coffs Harbour Bypass Pacific Highway Upgrade: Photographic Archival Recording - Market Tree Stumps, Artefact Heritage, 19 August 2021 - Coffs Harbour Bypass Pacific Highway Upgrade: Photographic Archival Recording - Former Coffs Heights Post Office, Artefact Heritage, 19 August 2021	Non-Aboriginal Heritage Reports are on DPE Major Projects website. Letter to Coffs Harbour City Council that included hard copies of the Non-Aboriginal Heritage Reports (including archival recordings) for distribution to Coffs Harbour Regional Library, Woolgoolga Library and Coffs Harbour Regional Museum.	Compliant	
NOISE AND VIBRATION						
Construction Hours						
E32	Work (except for works undertaken in accordance with Conditions E33 and E40) must only be undertaken during the following standard construction hours: (a) 7:00am to 6:00pm Mondays to Fridays, inclusive; (b) 8:00am to 1:00pm Saturdays; and (c) at no time on Sundays or public holidays.	Pre-construction Construction	Section 5.2 of the Construction Noise and Vibration Management Plan Works are being undertaken within the standard construction hours. Some out of hours works have been completed, under separate approval.	Works are being undertaken within the standard construction hours. Some out of hours works have been completed, under separate approval.	Compliant	
24-hour Tunnelling						
E33	The following work may be undertaken 24 hours per day, seven days per week at the Roberts Hill, Shepherds Lane and Gatelys Road tunnel sites once portal acoustic sheds and/or acoustic curtains have been installed: (a) tunnelling (does not include cut and cover tunnelling); (b) work within an acoustic shed/curtain; and (c) tunnel fit out work.	Construction	Tunnelling has not commenced	Tunnelling has not commenced	Not triggered	
E34	Surface work associated with tunnelling that is undertaken outside the acoustic shed/curtains at the tunnel portals must only be undertaken in accordance with the requirements of Conditions E32 and E36.	Construction	Tunnelling has not commenced	Tunnelling has not commenced	Not triggered	
E35	Delivery of material and spoil haulage associated with tunnelling is not permitted between the hours of 10.00pm and 7.00am, unless in accordance with Condition E36.	Construction	Tunnelling has not commenced	Tunnelling has not commenced	Not triggered	
Variation to Work Hours						
E36	Notwithstanding Conditions E32 and E38, work may be undertaken outside the hours specified, in the following circumstances:		Refer below	Refer below		
	(a) for the delivery of materials required by the NSW Police Force or other authority for safety reasons; or	Construction	There have been no OOH delivery of materials required by the NSW Police Force or other authority for safety reason	N/A	Not triggered	
	(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	Construction	There have been no OOH required for an emergency to avoid injury or the loss of life, to avoid damage or loss of property or to prevent environmental harm	N/A	Not triggered	
	(c) where different construction hours are permitted or required under an EPL in force in respect of the CSSI; or	Construction	Out of hours works register.	Out of hours works have been undertaken under the EPL	Compliant	
	(d) work not subject to an EPL that are approved under an Out-of-Hours Work Protocol as required by Condition E40; or	Construction	Out of hours works register.	Out of hours works have been undertaken under LIW approvals	Compliant	
	(e) construction that causes LAeq(15 minute) noise levels: (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), or (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, or		There have been no OOH that have caused more than 5 dB(A) above the rating background level at any residence in accordance with the Interim Construction Noise Guideline (DECC, 2009) or where 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.	N/A	Not triggered	
	(f) continuous or impulsive vibration values, measured at the most affected residence are no more than the preferred values for human exposure to vibration, specified in Table 2.2 of Assessing Vibration: a technical guideline (DEC, 2006), or	Construction	There have been no OOH where continuous or impulsive vibration values, measured at the most affected residence are no more than the preferred values for human exposure to vibration, specified in Table 2.2 of Assessing Vibration: a technical guideline (DEC, 2006)	N/A	Not triggered	
	(g) intermittent vibration values measured at the most affected residence are no more than the preferred values for human exposure to vibration, specified in Table 2.4 of Assessing Vibration: a technical guideline (DEC, 2006); or	Construction	There have been no OOH where intermittent vibration values measured at the most affected residence are no more than the preferred values for human exposure to vibration, specified in Table 2.4 of Assessing Vibration: a technical guideline (DEC, 2006)	N/A	Not triggered	
	(h) negotiated agreements with directly affected residents and sensitive land uses.	Construction	No negotiated agreements with residents and land uses have been done	N/A	Not triggered	
	Note: Section 5.24(1)(e) of the EP&A Act requires that an EPL be substantially consistent with this approval.		Note only			
E37	On becoming aware of the need for emergency work in accordance with Condition E36(b), the Proponent must notify the AA, the ER, the Planning Secretary and the EPA of the reasons for such work. The Proponent must use best endeavours to notify all noise and/or vibration affected sensitive receivers of the likely impact and duration of those work	Construction	No emergency work has been undertaken	N/A	Not triggered	
Highly Noise Intensive Work						
E38	Except as permitted by an EPL, highly noise intensive work that result in an exceedance of the applicable NML at the same receiver must only be undertaken: (a) between the hours of 8:00am to 6:00pm Monday to Friday; (b) between the hours of 8:00am to 1:00pm Saturday; and (c) if continuously, then not exceeding three (3) hours, with a minimum cessation of work of not less than one (1) hour. For the purposes of this condition, 'continuously' includes any period during which there is less than one (1) hour between ceasing and recommencing any of the work.	Construction	Highly noise intensive works were undertaken on 18 July 2023. Works were completed within the hours designated by E38	Highly noise intensive works were undertaken on 18 July 2023. Works were completed within the hours designated by E38	Compliant	
Out-of-Hours Works – Community Consultation on Respite						
E39	In order to undertake work outside hours specified in Condition E32, the Proponent must identify appropriate respite periods for the out-of-hours work in consultation with the community at each affected location on a regular basis. This consultation must include (but not be limited to) providing the community with: (a) a schedule of likely out-of-hours work for a period of no less than three (3) months; (b) a description of the potential work, location and duration of the out-of-hours work; (c) the noise characteristics and likely noise levels of the work; and (d) likely mitigation and management measures to be implemented. The outcomes of the community consultation, the identified respite periods and the scheduling of the likely out-of-hour work must be provided to the ER, AA, EPA, Council and the Planning Secretary. This condition does not apply where works are no more than 5 dB(A) above the rating background level at any residence in accordance with the Interim Construction Noise Guideline (DECC, 2009).	Construction	Out of hours works register. Recent consultation in July notifications and June quarterly Project Update.	Satisfactory per evidence	Compliant	
Out-of-Hours Work Protocol – Work not subject to an EPL						

No.	Condition Requirement	Phase of Works	Evidence	Compliance Statement	Compliance Status	Non-compliance Unique Identifier
E40	An Out-of-Hours Work Protocol must be prepared to identify a process for the consideration, management and approval of work which are outside the hours defined in Conditions E32, and that are not subject to an EPL. The Protocol must be approved by the Planning Secretary before commencement of the work. The Protocol must be prepared in consultation with the ER, AA and EPA. The Protocol must provide:	Construction	OOHW Protocol (Section 5) - Appendix 9 of the CNVMP	OOHW Protocol has been approved by the ER and AA in the version control table	Compliant	
	(a) identification of low and high-risk activities and an approval process that considers the risk of activities, proposed mitigation, management, and coordination, including where: (i) the ER and AA review all proposed out-of-hours activities and confirm their risk levels, (ii) low risk activities can be approved by the ER in consultation with the AA, and (iii) high risk activities that are approved by the Planning Secretary;		Section 5.3.4 (Low risk OOHW activities) of OOHW Protocol Section 5.3.5 (High risk OOHW activities) of OOHW Protocol	Section 5.3.4 outlines the low risk OOHW activities including the ability for the ER to provide authority Section 5.3.5 defines high risk OOHW activities	Compliant	
	(b) a process for the consideration of out-of-hours work against the relevant noise management level (NML) and vibration criteria;	Construction	Section 5.1 (Assessment criteria) of OOHW Protocol	Section 5.1 outlines the noise and vibration assessment criteria, the noise management levels and vibration criteria	Compliant	
	(c) a process for selecting and implementing mitigation measures for residual impacts in consultation with the community at each affected location, including respite periods consistent with the requirements of Condition E39. The measures must take into account the predicted noise levels and the likely frequency and duration of the out-of-hours works that sensitive receivers would be exposed to, including the number of noise awakening events;	Construction	Section 6 (Application of mitigation measures), Section 7 (OOHW consultation and notification) of OOHW	Mitigation measures are outlined in Section 6 including the provision of consultation.	Compliant	
	(d) procedures to facilitate the coordination of out-of-hours work including those approved by an EPL or undertaken by a third party, to ensure appropriate respite is provided; and	Construction	Section 5 (OOHW impact assessment and approval)	Procedures to coordinate out of hours works are included in the report	Compliant	
	(e) notification arrangements for affected receivers and the EPA for all approved out-of-hours works and notification to the Planning Secretary of approved low risk out-of-hours works. This condition does not apply if the requirements of Condition E36(e) are met.	Construction	Section 7.5 (Community notification)	Notification procedures and arrangements are outlined in the protocol	Compliant	
			Note only			
	Noise and Vibration Mitigation					
E41	Mitigation measures must be implemented with the aim of achieving the following construction noise management levels and vibration criteria:		Refer below	Refer below		
	(a) construction "Noise affected" noise management levels established using the Interim Construction Noise Guideline (DECC, 2009);	Construction	Section 6 (Environmental mitigation and management measures) of the Construction Noise and Vibration Management Plan	Mitigation measures in the CNVMP are based on NMLs established in Section 6 of the CNVMP	Compliant	
	(b) vibration criteria established using the Assessing vibration: a technical guideline (DEC, 2006) (for human exposure);	Construction	Section 7 (Vibration criteria) of the CNVMP	Section 7 (Vibration criteria) of the CNVMP outlines the vibration criteria	Compliant	
	(c) Australian Standard AS 2187.2 - 2006 "Explosives - Storage and Use - Use of Explosives";	Construction	Section 10 (Environmental mitigation and management measures) of the CNVMP	Storage is addressed in Section 10 (Environmental mitigation and management measures)	Compliant	
	(d) BS 7385 Part 2-1993 "Evaluation and measurement for vibration in buildings Part 2" as they are "applicable to Australian conditions"; and	Construction	Section 3.1.2 (Guidelines) and Section 10 (Environmental mitigation and management measures) of the CNVMP	Section 3.1.2 lists the Evaluation and measurement for vibration in buildings. Section 10 outlines the environmental mitigation and management measures for the project	Compliant	
	(e) the vibration limits set out in the German Standard DIN 4150-3: Structural Vibration- effects of vibration on structures (for structural damage); and	Construction	Section 3.1.2 (Guidelines) and Section 10 (Environmental mitigation and management measures) of the CNVMP	Section 3.1.2 lists the German Standard DIN 4150-3: Structural Vibration- effects of vibration on structures (for structural damage) Section 10 outlines the environmental mitigation and management measures for the project	Compliant	
	Any work identified as exceeding the noise management levels and/or vibration criteria must be managed in accordance with the Noise and Vibration CEMP Sub-plan. Note: The Interim Construction Noise Guideline identifies 'particularly annoying' activities that require the addition of 5 dB(A) to the predicted level before comparing to the construction Noise Management Level (NML).		Note only			
E42	Mitigation measures must be applied when the following residential ground-borne noise levels are exceeded: (a) evening (6:00 pm to 10:00 pm) — internal LAeq(15 minute): 40 dB(A); and (b) night (10:00 pm to 7:00 am) — internal LAeq(15 minute): 35 dB(A). The mitigation measures must be outlined in the Noise and Vibration CEMP Sub-plan, including in any Out-of-Hours Work Protocol, required by Condition E40.	Construction	Section 10 of the CNVMP Noise monitoring records sighted	Noise monitoring has shown no works have exceeded residential ground-borne noise levels.	Compliant	
E43	Owners and occupiers of properties at risk of exceeding the screening criteria for cosmetic damage must be notified before work that generate vibration commences in the vicinity of those properties. If the potential exceedance is to occur more than once or extend over a period of 24 hours, owners and occupiers are to be provided a schedule of potential exceedances on a monthly basis for the duration of the potential exceedances, unless otherwise agreed by the owner and occupier. These properties must be identified and considered in the Noise and Vibration CEMP Sub-plan required by Condition C4 and the Communication Strategy required by Condition B1.	Construction	No works with the potential to exceed the screening criteria have occurred	No works with the potential to exceed the screening criteria have occurred	Not triggered	
E44	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 values for vibration are likely to be exceeded, the Proponent must review the construction methodology and, if necessary, implement additional mitigation measures.	Construction	No works have been undertaken with vibration that may affect heritage items	No works have been undertaken with vibration that may affect heritage items	Not triggered	
	Noise Mitigation - Operational Noise Modelling					
E45	The noise model of the detailed design of the CSSI must address the following parameters: (a) application of source emission corrections to take into account the proportions of heavy vehicles in line with the method detailed in the documents list in Condition A1; (b) modelling heavy vehicles using three distinct sources in line with Appendix B4 of the NSW Road Noise Policy (DECCW, 2011); (c) road surface corrections to address the assessment timeframes outlined in the NSW Road Noise Policy (DECCW, 2011) corresponding to the year of opening, and ten years after opening; and (d) meteorological conditions in accordance with the NSW Road Noise Policy. The operational noise modelling must be verified as being accurate and consistent with the requirements of this approval by an acoustic expert or the AA, who is independent of the design and construction of the CSSI.	Construction	Operational noise model ongoing	NA	Not triggered	
E46	Noise monitoring must be undertaken at appropriately identified locations surrounding the CSSI that have been determined in consultation with the AA	Construction	Operational noise model ongoing	NA	Not triggered	
	Noise Mitigation - Operational Noise Mitigation Measures					

No.	Condition Requirement	Phase of Works	Evidence	Compliance Statement	Compliance Status	Non-compliance Unique Identifier
E47	<p>The Proponent must prepare an Operational Noise Review (ONR) on the final design of the CSSI to confirm noise mitigation measures required for the operation of the CSSI. The ONR must be prepared in consultation with the ER, AA, EPA and must:</p> <p>(a) confirm the appropriate operational noise objectives and levels for surrounding sensitive receivers based on modelling undertaken under Condition E45;</p> <p>(b) confirm the operational noise daytime LAeq,15 hour and night-time LAe, 9 hour traffic noise contours for receivers;</p> <p>(c) review the suitability of the operational noise mitigation measures identified in the Amendment Report with the objective of achieving the noise criteria outlined in the NSW Road Noise Policy (DECCW, 2011) and NSW Noise Policy for Industry (EPA, 2017);</p> <p>(d) include a consultation strategy to seek feedback from directly affected landowners on the noise mitigation measures; and</p> <p>(e) include procedures for the management of operational noise complaints.</p> <p>The ONR must be verified by an independent acoustic expert or the AA and submitted to the Planning Secretary for approval before the implementation of the at source operational noise mitigation measures.</p> <p>The Proponent must implement the operational noise mitigation measures and make the ONR publicly available following its approval.</p>	Operation	Not yet operational	NA	Not triggered	
E48	Operational noise mitigation measures as identified in Condition E47 that will not be physically affected by work, must be implemented within six (6) months of the commencement of construction in the vicinity of the impacted receiver to minimise construction noise impacts. The operational noise measures must be detailed in the Noise and Vibration CEMP Sub-plan for the CSSI.	Operation	Not yet operational	NA	Not triggered	
E49	In the absence of an ONR required under Condition E47, the at-property operational noise mitigation measures required under Condition E48 must be consistent with the measures and the properties identified in Appendix B of the Amendment Report.	Operation	Not yet operational	NA	Not triggered	
E50	<p>Where operational noise mitigation measures are not proposed to be implemented in accordance with Condition E48, the Proponent must submit to the Planning Secretary a report providing justification as to why, along with details of temporary measures that would be implemented to reduce construction noise impacts, until such time that the operational noise mitigation measures identified in Condition E47 are implemented. The report must be endorsed by the ER and AA and submitted to the Planning Secretary prior to the commencement of construction which would affect the identified sensitive receivers.</p> <p>Note: Not having finalised detailed design is not sufficient justification for not implementing the proposed mitigation measures.</p>	Operation	Not yet operational	NA	Not triggered	
Operational Noise Validation						
E51	Within 12 months and 10 years of the commencement of operation of the CSSI, or as required by the Planning Secretary, the Proponent must undertake monitoring of operational noise to compare the actual noise performance of the CSSI against the noise performance predicted in the review of noise mitigation measures required by Condition E47.	Operation	Not yet operational	NA	Not triggered	
E52	Classified traffic counts must be undertaken simultaneously with noise measurements to confirm traffic volumes and traffic mix assumptions.	Operation	Not yet operational	NA	Not triggered	
Operational Noise Compliance Report						
E53	<p>an Operational Noise Compliance Report (ONCR) must be prepared to document the findings of the operational noise monitoring carried out under Condition E51. The ONCR must be prepared in accordance with the Model Validation Guideline (RMS, 16 May 2018 Version 1.1) and must address the following:</p> <p>(a) compliance with the operational noise levels predicted in the review of operational noise mitigation measures required under Condition E47;</p> <p>(b) compliance with the operational noise levels in terms of criteria and noise goals established in the NSW Road Noise Policy 2011 and NSW Noise Policy for Industry (EPA, 2017);</p> <p>(c) methodology, location and frequency of noise monitoring undertaken, including grouping monitoring sites at which CSSI noise levels are ascertained with specific reference to locations indicative of impacts on receivers. Monitoring location must be grouped by:</p> <p>(i) pavement type; and</p> <p>(ii) topography;</p> <p>(d) visibility of sensitive receivers, i.e. line of sight and shielded by mounds and/or noise walls;</p> <p>(e) model light and heavy vehicles separately;</p> <p>(f) pavement corrections for light and heavy vehicles and an assessment of the acoustic performance of different pavement types over their design life;</p> <p>(g) effects of meteorological conditions on traffic noise consistent with the requirements of the NSW Road Noise Policy 2011;"</p> <p>(h) details of any complaints and enquiries received in relation to operational noise generated by the CSSI between the date of commencement of operation and the date the report was prepared;</p> <p>(i) any required recalibrations of the noise model taking into consideration factors such as noise monitoring and actual traffic numbers and proportions;</p> <p>(j) an assessment of the performance and effectiveness of applied noise mitigation measures together with a review and if necessary, reassessment of mitigation measures; and</p> <p>(k) identification of additional measures to those identified in the review of noise mitigation measures required by Condition E47, that are to be implemented with the objective of meeting the criteria outlined in the NSW Road Noise Policy (EPA, 2011) and NSW Noise Policy for Industry (EPA, 2017), when these measures are to be implemented and how their effectiveness is to be measured and reported to the Planning Secretary and the EPA.</p> <p>The ONCR must be submitted to the Planning Secretary and the EPA within 60 days of completing the operational noise monitoring (as required by Condition E51) and made publicly available.</p>	Operation	Not yet operational	NA	Not triggered	
Blasting						

No.	Condition Requirement	Phase of Works	Evidence	Compliance Statement	Compliance Status	Non-compliance Unique Identifier														
E54	<p>Blasting associated with the CSSI must only be undertaken during the following hours:</p> <p>(a) 9:00am to 5:00pm, Monday to Friday, inclusive; (b) 9:00am to 1:00pm on Saturday; (c) at no time on Sunday or public holidays; and (d) 7:00 am to 6:00 pm, Mondays to Fridays, inclusive, for work required for the Roberts Hill, Shephards Lane and Gatelys Road tunnels.</p> <p>Blasting may be undertaken outside the above hours where:</p> <p>(a) no sensitive receivers would be impacted by blasting; or (b) an agreement has been made with potentially affected receivers.</p> <p>This condition does not apply in the event of a direction from the NSW Police Force or other relevant authority for safety or emergency reasons to avoid loss of life, property loss and/or to prevent environmental harm.</p>	Construction	No blasting has been undertaken	NA	Not triggered															
E55	<p>Airblast overpressure generated by blasting associated with the CSSI must not exceed the criteria specified in Table 10 when measured at the most affected residence or other sensitive receiver.</p> <table border="1"> <caption>Table 10: Airblast overpressure limits for human comfort</caption> <thead> <tr> <th>Receiver</th> <th>Type of blasting operations</th> <th>Airblast Overpressure Limit</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Sensitive site</td> <td rowspan="2">Blasting operations lasting more than 12 months or more than 20 blasts</td> <td>115 dBL for 95% of blasts per year</td> </tr> <tr> <td>120 dBL maximum limit</td> </tr> <tr> <td rowspan="2">Sensitive site</td> <td rowspan="2">Blasting operations lasting less than 12 months or less than 20 blasts in total</td> <td>120 dBL for 95% of blasts per year</td> </tr> <tr> <td>125 dBL maximum limit</td> </tr> <tr> <td>Occupied non-sensitive sites, such as factories and commercial premises</td> <td>All blasting</td> <td>125 dBL maximum limit. For sites containing equipment sensitive to vibration, the vibration level should be kept below manufacturer's specifications or levels that can be shown to adversely affect the equipment operation</td> </tr> </tbody> </table> <p>Source – Table J5.4(A) – AS 2187.2 – 2006 Note: A sensitive site includes houses and low rise residential buildings, theatres, schools and other similar buildings occupied by people.</p>	Receiver	Type of blasting operations	Airblast Overpressure Limit	Sensitive site	Blasting operations lasting more than 12 months or more than 20 blasts	115 dBL for 95% of blasts per year	120 dBL maximum limit	Sensitive site	Blasting operations lasting less than 12 months or less than 20 blasts in total	120 dBL for 95% of blasts per year	125 dBL maximum limit	Occupied non-sensitive sites, such as factories and commercial premises	All blasting	125 dBL maximum limit. For sites containing equipment sensitive to vibration, the vibration level should be kept below manufacturer's specifications or levels that can be shown to adversely affect the equipment operation	Construction	No blasting has been undertaken	NA	Not triggered	
Receiver	Type of blasting operations	Airblast Overpressure Limit																		
Sensitive site	Blasting operations lasting more than 12 months or more than 20 blasts	115 dBL for 95% of blasts per year																		
		120 dBL maximum limit																		
Sensitive site	Blasting operations lasting less than 12 months or less than 20 blasts in total	120 dBL for 95% of blasts per year																		
		125 dBL maximum limit																		
Occupied non-sensitive sites, such as factories and commercial premises	All blasting	125 dBL maximum limit. For sites containing equipment sensitive to vibration, the vibration level should be kept below manufacturer's specifications or levels that can be shown to adversely affect the equipment operation																		
E56	Ground vibration generated by blasting associated with the CSSI must not exceed the criteria specified in Table 11 and Table 12 (see the end of this spreadsheet) when measured at the most affected residence or other sensitive receiver.	Construction	No blasting has been undertaken	NA	Not triggered															
E57	<p>The blasting criteria specified in the Tables in Conditions E55 and E56 may be exceeded where the Proponent has obtained the written agreement of the landowner and occupier to increase the relevant criteria. In obtaining the agreement, the Proponent must make available to the landowner and occupier:</p> <p>(a) details of the proposed blasting program and justification for the proposed increase in blasting criteria including alternatives considered (where relevant); (b) an assessment of the environmental impacts of the increased blasting criteria on the surrounding environment and most affected residences or other sensitive receivers including, but not limited to noise, vibration and air quality and any risk to surrounding utilities, services or other structures; and (c) details of the blast management, mitigation and monitoring procedures to be implemented.</p>	Construction	No blasting has been undertaken	NA	Not triggered															
E58	<p>The Proponent must provide a copy of the landowner and occupier written agreement to the Planning Secretary and the EPA, including details of the consultation undertaken (with clear identification of proposed blast limits and potential property impacts), before commencing blasting at the higher limits.</p> <p>Unless otherwise agreed by the Planning Secretary, the following exclusions apply:</p> <p>(a) the landowner and occupier may terminate at any time an agreement made with the Proponent to increase the blasting criteria, should concerns made by the landowner and occupier about the blasting criteria be unresolved. Where an agreement is terminated, the Proponent must not exceed the criteria specified in the tables in Conditions E55 and E56 for future blasting that affects the property; and (b) the blasting limit agreed to under any agreement must not exceed a maximum Peak Particle Velocity vibration level of 25 mm/s or maximum Airblast Overpressure level of 125 dBL.</p>	Construction	No blasting has been undertaken	NA	Not triggered															
Blasting Management Strategy																				
E59	A Blast Management Strategy must be prepared and must include:	Construction	Blast Management Strategy, CHBPW FGJV-NEE-EN-STG-000001-Revision B-Coffs Harbour Bypass Revision B (BMS)	Scope of blasting includes contingencies and trial blasting	Compliant															
	(a) sequencing and review of trial blasting to inform blasting;	Construction	Section 3 (Scope of Controlled Blasting) of BMS	Sequencing and review of trial blasting to inform blasting provided in BMS	Compliant															
	(b) regularity of blasting;	Construction	Section 3 (Scope of Controlled Blasting) of BMS	Regularity of blasting provided in BMS	Compliant															
	(c) intensity of blasting;	Construction	Section 3 (Scope of Controlled Blasting) of BMS	Intensity of blasting provided in the BMS	Compliant															
	(d) periods of relief; and	Construction	Section 3 (Scope of Controlled Blasting) of BMS	Timing of blasting is provided in the BMS	Compliant															
	(e) blasting program.	Construction	Section 3 (Scope of Controlled Blasting) of BMS	Scope of blasting is provided in the BMS	Compliant															
E60	The Blast Management Strategy must be endorsed by a suitably qualified and experienced person.	Construction	Letter from DPE dated 21/06/2023: Blast Management Strategy Letter notes that: - has been prepared in consultation with the EPA; - has been reviewed by Transport for NSW and no issues have been raised with the Department; - has been endorsed by a suitably qualified and experienced person; and contains the information required by the conditions of approval.	BMS has been endorsed by a suitably qualified experienced person	Compliant															
E61	The Blast Management Strategy must be prepared in accordance with relevant guidelines and in consultation with the EPA, in order to ensure that all blasting and associated activities are carried out so as not to generate unacceptable noise and vibration impacts or pose a significant risk to sensitive receivers.	Construction	Letter from DPE dated 21/06/2023: Blast Management Strategy Letter notes that: - has been prepared in consultation with the EPA; - has been reviewed by Transport for NSW and no issues have been raised with the Department; - has been endorsed by a suitably qualified and experienced person; and contains the information required by the conditions of approval.	BMS has been prepared in accordance with relevant guidelines and in consultation with the EPA	Compliant															

No.	Condition Requirement	Phase of Works	Evidence	Compliance Statement	Compliance Status	Non-compliance Unique Identifier
E62	The Blast Management Strategy must be submitted to the Planning Secretary for information no later than one month before the commencement of blasting. The Strategy as submitted to the Planning Secretary, must be implemented for all blasting activities	Construction	Letter from DPE dated 21/06/2023: Blast Management Strategy Letter notes that: - has been prepared in consultation with the EPA; - has been reviewed by Transport for NSW and no issues have been raised with the Department; - has been endorsed by a suitably qualified and experienced person; and contains the information required by the conditions of approval.	The BMS has been submitted to the Planning secretary more that a month before the commencement of blasting.	Compliant	
PLACE DESIGN AND LANDSCAPING						
E63	A Place Design and Landscape Plan must be prepared to inform the final design of the CSSI and to give effect to the commitments made in in the documents listed in Condition A1 on the place design and landscaping of the CSSI. The Plan must be submitted to the Planning Secretary for information one month before commencement of work to which it applies.	Construction	Place Design and Landscape Plan is under development and will be issued prior to the completion of the final design	N/A	Not triggered	
E64	The Place Design and Landscape Plan must be prepared by a suitably qualified and experienced person in consultation with the Council, the community, affected landowners and businesses, and the Kororo Public School in relation to the Kororo bus interchange. The Place Design and Landscape Plan must include:	Construction	Place Design and Landscape Plan is under development and will be issued prior to the completion of the final design	N/A	Not triggered	
	(a) the design of the CSSI elements including their form, materials and detail;	Construction	Place Design and Landscape Plan is under development and will be issued prior to the completion of the final design	N/A		
	(b) the design of the project landform and earthworks;	Construction	Place Design and Landscape Plan is under development and will be issued prior to the completion of the final design	N/A	Not triggered	
	(c) measures to limit the visual appearance of shotcrete;	Construction	Place Design and Landscape Plan is under development and will be issued prior to the completion of the final design	N/A	Not triggered	
	(d) the location of existing vegetation, areas of vegetation to be retained and proposed planting and seeding details, including the use of local indigenous species for revegetation activities and vegetative screening;	Construction	Place Design and Landscape Plan is under development and will be issued prior to the completion of the final design	N/A	Not triggered	
	(e) interpretive signage and public art, incorporated into noise walls;	Construction	Place Design and Landscape Plan is under development and will be issued prior to the completion of the final design	N/A	Not triggered	
	(f) Crime Prevention Through Environmental Design principles for the Kororo Public School bus interchange and the Coramba Road (at Spagnolos Road) bus stop;	Construction	Place Design and Landscape Plan is under development and will be issued prior to the completion of the final design	N/A	Not triggered	
	(g) details of measures to rehabilitate, regenerate or revegetate disturbed areas and the koala corridors on top of the tunnels at Roberts Hill and Gatelys Road, and their ongoing maintenance; and	Construction	Place Design and Landscape Plan is under development and will be issued prior to the completion of the final design	N/A	Not triggered	
	(h) additional vegetative screening between Coachmans Close and the service road.	Construction	Place Design and Landscape Plan is under development and will be issued prior to the completion of the final design	N/A	Not triggered	
E65	The Place Design and Landscape Plan must be integrated into the CSSI design and implemented during construction and operation and incorporate monitoring and maintenance procedures for the built elements, rehabilitated vegetation and landscaping (including visual screening and weed control) and performance indicators, responsibilities, timing and duration and contingencies where rehabilitation of vegetation and landscaping measures fail.	Construction	Place Design and Landscape Plan is under development and will be issued prior to the completion of the final design	N/A	Not triggered	
Lighting and Security						
E66	The Proponent must construct and operate the CSSI with the objective of minimising light spillage to surrounding properties.	Construction Operation	Example lighting inspection completed for nightworks.	Satisfactory per evidence	Compliant	
E67	All lighting associated with the construction and operation of the CSSI must be consistent with the requirements of Australian Standard 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. Additionally, the Proponent must provide mitigation measures to manage any residual night lighting impacts to protect properties adjoining or adjacent to the CSSI, in consultation with affected landowners.	Construction Operation	Detailed design packages for lighting are not finalised	N/A	Not triggered	
Operational Maintenance						
E68	Before the transfer of assets, the Proponent must maintain items and work to at least the design standards established in the Place Design and Landscape Plan, required by Condition E63.	Operation	Not yet operational	N/A	Not triggered	
SOCIO-ECONOMIC, LAND USE AND PROPERTY						
E69	The Proponent must identify the utilities and services (hereafter "services") potentially affected by the CSSI to determine requirements for diversion, protection and/or support. Alterations to services must be determined by negotiation between the Proponent and the service provider. The Proponent in consultation with service providers must ensure that disruption to services resulting from the CSSI are avoided where possible and advised to customers.	Pre-construction Construction	Examples of correspondence re consultation and negotiation with utilities and services - Coff Harbour Council, Essential Energy, Telstra, NBN, Optus, Vocus, City Smart	Satisfactory per evidence	Compliant	
E70	The existing Rural Fire Services shed, its functionality and its access to Old Coast Road, Kororo must be retained until the replacement facility is operational.	Construction	The existing RFS shed has been demolished and the new shed has been constructed.	This condition no longer relevant/applicable	Not triggered	
Condition Survey						
E71	Before the commencement of any work that may cause damage to buildings, structures, utilities and the like that are identified in the documents listed in Condition A1 as being at risk of damage, a condition survey of those buildings, structures, utilities must be undertaken by an appropriately qualified independent professional. The results of the surveys must be documented in a Condition Survey Report for each item surveyed. Copies of Condition Survey Reports must be provided to the owners of the items surveyed prior to the work commencing.	Pre-construction Construction	Condition surveys are currently being completed. Progress of condition surveys has been sighted.	Condition surveys are currently being completed. Progress of condition surveys has been sighted.	Compliant	
E72	After completion of construction, condition surveys of all items for which condition surveys were undertaken in accordance with Condition E71 of this approval must be undertaken by an appropriately qualified independent professional. The results of the surveys must be documented in a Condition Survey Report for each item surveyed. Copies of Condition Survey Reports must be provided to the owners of the items surveyed, and no later than three (3) months following the completion of construction.	Operation	Not yet operational	N/A	Not triggered	
E73	The Proponent must rectify any property damage, where it has been determined that it was caused directly or indirectly (for example from vibration or from groundwater change) by the construction or operation of the CSSI, at no cost to the owner. Alternatively, the Proponent may pay compensation for the property damage as agreed with the property owner.	Operation	Not yet operational	N/A	Not triggered	
Agricultural Impacts						
E74	The Proponent must, at the request of landowners of agricultural properties directly impacted by the CSSI, employ a suitably qualified and experienced independent agricultural specialist, to assist landowners in: (a) Negotiating mitigation or compensation measures prior to the commencement of construction; and/or (b) Identifying alternative farming opportunities for the land to enable existing agricultural activities to continue.	Pre-construction Construction	TfNSW has engaged Edge Land Planning. Examples of evidence sighted (records).	Satisfactory per evidence	Compliant	

No.	Condition Requirement	Phase of Works	Evidence	Compliance Statement	Compliance Status	Non-compliance Unique Identifier
E75	A Panama Disease Management Plan must be prepared, in consultation with DPI Agriculture and Council, in accordance with the: (a) Panama disease tropical race 4: Biosecurity standards and guidelines (QLD Department of Agriculture and Fisheries 2015); and (b) Panama disease tropical race 4: Decontamination guide (QLD Department of Agriculture and Fisheries 2016). The Panama Disease Management Plan must be submitted for information to the Planning Secretary before the commencement of construction and implemented throughout construction.	Pre-construction Construction	Panama Disease Management Plan CHBPW-FGJV-NWW-EN-PLN00016-Revision 05_03/04/2023, (PDMP) available on the Major Projects portal website. Section 1.3 (Scope of the management plan) Of PDMP https://majorprojects.planningportal.nsw.gov.au/prweb/PRRestService/mp/01/getContent?AttachRef=SSI-7666-PA-140%2120230414T022521.477%20GMT A letter of acknowledgement from DPE indicates this was submitted 4 April 2023	Section 1.3 lists the Panama disease tropical race 4: Biosecurity standards and guidelines (QLD Department of Agriculture and Fisheries 2015 as part of the scope of the management plan. Section 1.3 lists the Panama disease tropical race 4: Decontamination guide (QLD Department of Agriculture and Fisheries 2016) as part of the scope of the management plan. A letter of acknowledgement from DPE indicates this was submitted 4 April 2023	Compliant	
E76	The Panama Disease Management Plan is not required for low impact and utility relocation works. Low impacts and utility relocation works must be undertaken in accordance with the Proponent's Working on Banana Plantations Panama Disease Procedure Rev 8.	Pre-construction Construction	Panama disease controls in place - Photographs	Panama disease controls in place	Compliant	
SOILS						
E77	All reasonably practicable erosion and sediment controls must be installed and appropriately maintained to minimise water pollution. When implementing such controls, any relevant guidance in the Managing Urban Stormwater series must be considered.	Pre-construction Construction	Erosion and sediment controls in place and satisfy the site conditions - photographs	Erosion and sediment controls in place and satisfy the site conditions	Compliant	
Contaminated lands						
E78	Prior to the commencement of construction that would result in the disturbance of potential or contaminated land and/or soil, a Site Contamination Report must be prepared and submitted to the Planning Secretary for Information. The report must be consistent with Contaminated Land Management Act 1997 (NSW) and prepared by a suitably qualified and experienced person. Nothing in this condition prevents the Proponent from preparing individual Site Contamination Reports for separate sites. Under this condition Panama Disease is not considered to be a contaminant.	Construction	CHB Contamination Assessment Rev 0, Contamination Report, Transport for New South Wales, 14 September 2022 Letter from DPE, dated 2/11/2022, Subject: Coffs Harbour Bypass Contamination Assessment Report. The letter acknowledges that the CAR has been prepared by a suitably qualified person, is consistent with the Contaminated Land Management Act 1997 and contains information required by the conditions of approval. Signed by Dominic Crinnion	CHB Contamination Assessment Rev 0, Contamination Report, Transport for New South Wales, 14 September 2022 Letter from DPE, dated 2/11/2022, Subject: Coffs Harbour Bypass Contamination Assessment Report. The letter acknowledges that the CAR has been prepared by a suitably qualified person, is consistent with the Contaminated Land Management Act 1997 and contains information required by the conditions of approval. Signed by Dominic Crinnion	Compliant	
E79	The Site Contamination Report must provide details on: (a) the outcomes of Stage 1 and Stage 2 contamination assessments; (b) nature and extent of any existing remediation (such as impervious surface capping's); (c) measures to identify handle and manage potential contaminated soils, materials and groundwater; (d) whether the land is suitable (for the intended final land use) or can be made suitable through remediation and/or (e) potential contamination risks from the CSSI to human health and receiving waterways.	Construction Construction Construction Construction Construction	CHB Contamination Assessment Rev 0, Contamination Report, Transport for New South Wales, 14 September 2022 Section 4 (previous investigations) of the CAR Section 4 (previous investigations) of the CAR Appendix OO (Management measures) of the CAR Section 9, Section 10, Section 11 and Section 12 of the CAR Section 9, Section 10, Section 11 and Section 12 of the CAR	Refer below Section 4 outlines the previous investigations including a review of a PSI (Stage 1 report) and review of a DSI (Stage 2) Section 4 outlines the previous investigations including a review of a PSI (Stage 1 report) and review of a DSI (Stage 2) Sections 9, 10, 11, 12, include contamination investigations and identification for the project site Appendix OO contains high level measures to identify, handle and manage potential contaminated soils, materials and groundwater. The Site Contamination Report contains conclusions for each site and land use in Sections 8, 9, 10, 11, 12 outlining whether the land is suitable (from a contamination perspective) for the intended final land use and whether remediation is required before these conclusions can be drawn. The Site Contamination Report contains a source-pathway-receptor linkage assessment for each site and land use in Sections 9, 10, 11, 12, which identifies potential contamination risks to human health and environmental receptors, including receiving waterways.	Compliant Compliant Compliant Compliant Compliant	
E80	Should remediation be required to make land suitable for the final intended land use, a Remediation Action Plan must be prepared and implemented and submitted to the Planning Secretary for information prior to undertaking remediation. The plan must detail how the environmental and human health risks will be managed during the disturbance, remediation and/or removal of contaminated soil or groundwater	Construction	- Remediation Action Plan Coffs Harbour Bypass APO82/86, Ferrovia Gamuda Joint Venture, 6 June 2023, 2594377-REP_CHB Contamination Remediation - APO 82-86 RAP, GHD Pty Ltd (RAP) - Letter from Epic Environmental dated 7/06/2023: IAA03 - Site Auditor Endorsement of GHD (2023) Remediation Action Plan Coffs Harbour Bypass APO82/86 Letter provides the endorsement of the RAP - Letter from DPE dated 13/06/2023: Coffs Harbour Bypass - CHB Contamination RAP APO82/86 Letter recognises the submission of the RAP to DPE and has no comments on the report at this time	RAP has been prepared, endorsed by Epic Environmental and submitted to DPE.	Compliant	
E81	If remediation is required, a Section A Site Audit Statement and Site Audit Report, must be prepared by a Site Auditor accredited by the EPA under the Contaminated Land Management Act 1997 (NSW). Nothing in this condition prevents the Proponent from engaging the Site Auditor to prepare Site Audit Statements for individual work sites.	Operation	Not yet operational	N/A	Not triggered	
E82	A Section A Site Audit Statement and its accompanying Section A Site Audit Report, which state that the contaminated land disturbed by the work has been made suitable for the intended land use, must be submitted to the Planning Secretary and Council after remediation and no later than prior to the commencement of operation of the CSSI. Contaminated land must not be used for the purpose approved under the terms of this approval until a Section A Site Audit Statement is obtained which states that the land is suitable for that purpose and any conditions on the Section A Site Audit Statement have been complied with.	Operation	Not yet operational	N/A	Not triggered	
E83	An Unexpected Contaminated Land and Asbestos Finds Procedure must be prepared and submitted to the Planning Secretary before the commencement of work and must be followed should unexpected contaminated land or asbestos (or suspected contaminated land or asbestos) be excavated or otherwise discovered. The requirements of Conditions E79 to E82 must be incorporated into this Procedure.	Construction	Unexpected Contaminated Land Asbestos Finds Procedure, Revision 2, Coffs Harbour Bypass, December 2020 https://majorprojects.planningportal.nsw.gov.au/prweb/PRRestService/mp/01/getContent?AttachRef=SSI-7666-PA-3	UCF Procedure prepared for the project and submitted to DPE for review and updated based on DPE review	Compliant	
E84	The Unexpected Contaminated Land and Asbestos Finds Procedure must be implemented throughout work.	Construction	Unexpected ACM find record (624 form)	Satisfactory per evidence	Compliant	
SUSTAINABILITY						
E85	A Sustainability Strategy must be prepared to achieve a minimum "Excellent" "Design" and 'As built' rating under the Infrastructure Sustainability Council of Australia infrastructure rating tool.	Construction	Coffs Harbour Bypass, Sustainability Strategy, TfNSW October 2020	Section 1.1 outlines the purpose of the Sustainability strategy to achieve an excellent design and As-built rating under ISC ratings.	Compliant	
E86	The Sustainability Strategy must be submitted to the Planning Secretary and made publicly available prior to the commencement of work. The Strategy must be implemented throughout construction and operation	Construction	Email from DPE: Coffs Harbour Bypass - Post Approval Document Received - (SSI-7666-PA-3) Email recognises the submission of the Sustainability Strategy to DPE	Sustainability strategy submitted to DPE prior to commencement of works (i.e. LIW). Works started on 27th August 2021 as low impact works. Sustainability strategy was submitted to DPE on 12/11/2020	Compliant	
TRAFFIC AND TRANSPORT						
Construction traffic management						

No.	Condition Requirement	Phase of Works	Evidence	Compliance Statement	Compliance Status	Non-compliance Unique Identifier
E87	Local roads proposed to be used by heavy vehicles to directly access the construction boundary that are not shown in Figure 4.5-1 Response to Submissions Report must be approved by the Planning Secretary and included in the Traffic and Transport Management Sub-plan	Construction	Construction Traffic and Transport Management Plan, Revision F, FGJV February 2023 Section 5.4.1 (Additional Local Roads)	Additional local road included in TTMP and approved by DPE	Compliant	
E88	All requests to the Planning Secretary under Condition E87 must include the following:	Construction	Construction Traffic and Transport Management Plan, Revision F, FGJV February 2023 Section 5.4.1 (Additional Local Roads)	Refer below	Compliant	
	(a) a swept path analysis;	Construction	Construction Traffic and Transport Management Plan, Revision F, FGJV February 2023 Section 5.4.1 (Additional Local Roads)	Swept path analysis included as part of Section 5.4.1	Compliant	
	(b) demonstration that the use of local roads by heavy vehicles for the CSSI will not compromise the safety of pedestrians and cyclists;	Construction	Construction Traffic and Transport Management Plan, Revision F, FGJV February 2023 Section 5.4.1 (Additional Local Roads)	Safety of pedestrians and cyclists has been considered for all additional local roads	Compliant	
	(c) measures that will be implemented to avoid where practicable the use of roads past schools, aged care facilities and child care facilities during their peak operation times; and	Construction	Construction Traffic and Transport Management Plan, Revision F, FGJV February 2023 Section 5.4.1 (Additional Local Roads)	Additional local roads have considered the impacts of schools, aged care facilities and child care facilities peak times	Compliant	
	(d) advice from an appropriately qualified traffic engineer on the suitability of the proposed heavy vehicle route which takes into consideration items (a), (b) and (c) of this condition.	Construction	Construction Traffic and Transport Management Plan, Revision F, FGJV February 2023 Section 5.4.1 (Additional Local Roads) Appendix 3 (Traffic Engineer Review of Proposed Local Roads)	Local roads reviewed by a traffic engineer	Compliant	
E89	Construction vehicles (including staff vehicles) associated with the CSSI must be managed to:	Construction	Refer below	Refer below	Compliant	
	(a) minimise construction vehicles (including staff vehicles) parking on public roads;	Construction	Section 5.5 (Traffic and Transport Management Procedures) of TTMP	Minimisation of construction vehicles on public road considered in TTMP	Compliant	
	(b) minimise idling and queuing on public roads; and	Construction	Section 5.4 (Construction access Routes) of TTMP	Minimisation of idling and queuing on public roads considered in the TTMP	Compliant	
	(c) ensure spoil haulage vehicles must adhere to the nominated haulage routes identified in the Traffic and Transport Management Sub-plan.	Construction	Section 5.3 (Site Compound Traffic) of TTMP	Haulage of spoil is considered in the TTMP	Compliant	
E90	During construction, all reasonably practicable measures must be implemented to maintain pedestrian and vehicular access to, and parking in the vicinity of, businesses and affected properties. Disruptions are to be avoided, and where avoidance is not possible, minimised. Where disruption cannot be minimised, alternative pedestrian and vehicular access, and parking arrangements must be developed in consultation with affected businesses and implemented before the disruption. Adequate signage and directions to businesses must be provided before, and for the duration of, any disruption.	Construction	Access to affected businesses was maintained.	Access to affected businesses was maintained.	Compliant	
Road Condition Surveys						
E91	Before any local road is used by a heavy vehicle for the Construction of the CSSI, a Road Dilapidation Report must be prepared for the road. A copy of the Road Dilapidation Report must be provided to Council within three weeks of completion of the survey and at least two weeks before the road is used by heavy vehicles associated with the construction of the CSSI	Construction	Road Condition Report for Roads Associated with Coffs Harbour Bypass Pre-Construction Version 1, arrb Project No 01145, 27/02/2023 Road dilapidation surveys were provided to CoCh via teambinder on 27th March 2023.	Satisfactory per evidence	Compliant	
E92	If damage to roads occurs as a result of the construction of the CSSI, the Proponent must either (at the owner's discretion):	Construction	No damage to road recorded to date	N/A	Not triggered	
	(a) compensate the owner for the damage so caused; or (b) rectify the damage to restore the road to at least the condition it was in pre-construction. This action must be undertaken within three months of the subject road no longer being used in association with the construction of the CSSI, unless an alternative timeframe is agreed to by the relevant road authority.					
E93	The requirements of Condition E91 and Condition E92 apply to the use of Russ Hammond Drive as temporary access Korora School Road. A copy of the Road Dilapidation Report must be provided to Council within three weeks of completion of the survey and at least two weeks before the road is used to access Korora School Road.	Construction	No damage to road recorded to date	No damage to road recorded to date	Compliant	
Road Safety						
E94	The CSSI (including new or modified local roads, parking, pedestrian and cycle infrastructure) must be designed to meet relevant design, engineering and safety guidelines, including the Austroads Guide to Traffic Management.	Construction	Final detailed designs are not yet complete	N/A	Not triggered	
E95	Independent Safety Audit(s) are to be undertaken of the CSSI to ensure that it meets the relevant design, engineering and safety guidelines, including Austroads Guide to Traffic Management. The audits must be undertaken prior to operation to assess the safety performance of new or modified roads (road safety audit) and parking, pedestrian and cycle infrastructure. The audit findings and recommendations must be actioned.	Construction	Final detailed designs are not yet complete	N/A	Not triggered	
E96	School buses using Russ Hammond Close to access the Kororo Public School must be directed to exit Russ Hammond Drive via a left turn movement to James Small Drive.	Construction	Construction Traffic and Transport Management Plan, Revision F, FGJV February 2023 Signage plan for Russ Hammond Close sighted	Signage plan for Russ Hammond Close sighted	Compliant	
Pedestrian and Cyclist Access						
E97	Safe pedestrian and cyclist access must be maintained around work sites during construction. In circumstances where pedestrian and cyclist access is restricted or removed due to construction activities, an alternate route which complies with the relevant standards must be provided and signposted.	Construction	Photographs of site entry fencing	Safe access for pedestrians and cyclists is being maintained	Compliant	
E98	The existing Luke Bowen footbridge must not be removed until a replacement footbridge is open for use, or as agreed by the Planning Secretary.	Construction	The existing Luke Bowen footbridge is still in place	The existing Luke Bowen footbridge is still in place	Compliant	
WASTE						
E99	Waste generated during construction and operation must be dealt with in accordance with the following priorities:	Construction	Waste tracking register Site inspection	Satisfactory per evidence	Compliant	
	(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.					
E100	The importation of waste and the storage, treatment, processing, reprocessing or disposal of such waste must comply with the conditions of the current EPL for the CSSI, or be done in accordance with a Resource Recovery Exemption or Order issued under the Protection of the Environment Operations (Waste) Regulation 2014, as the case may be.	Construction	There has been no importation of waste	N/A	Not triggered	
E101	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 Protection of the Environment Operations (Waste) Regulation 2014, or to any other place that can lawfully accept such waste.	Construction	Waste dockets reviewed . Waste is disposed of at an appropriately accredited EPA licensed site.	Waste dockets reviewed . Waste is disposed of at an appropriately accredited EPA licensed site.	Compliant	

No.	Condition Requirement	Phase of Works	Evidence	Compliance Statement	Compliance Status	Non-compliance Unique Identifier
E102	All waste must be classified in accordance with the EPA's Waste Classification Guidelines, with appropriate records and disposal docket retained for audit purposes.	Construction	Waste dockets reviewed . Waste is disposed of at an appropriately accredited EPA licensed site.	Site demolition wastes have been pre-classified as C&D waste or Special (Asbestos waste). No soils have required waste classification . Mulch and vegetation disposed of under EPL for Cape Byron	Compliant	
WATER						
Surface water						
E103	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.	Construction	All ERSED controls are satisfactory for the projects requirements.	All ERSED controls are satisfactory for the projects requirements.	Compliant	
E104	A Construction Water Quality Impact Review, consistent with the Australian and New Zealand Guidelines for Fresh and Marine Water Quality (ANZG, 2018), must be prepared prior to commencement of construction. The water quality impact review must address the matters in Appendix B. The Construction Water Quality Impact Review must be submitted to the EPA and Planning Secretary for information one month before the commencement of construction.	Construction	Construction Discharge Impact Assessment Coffs Harbour Bypass Revision A, 5/12/2022 Section 2 (National Water Quality Framework)	Evidence of submission to EPA and DPE	Compliant	
E105	Drainage feature crossings (permanent and temporary watercourse crossings and stream diversions) and drainage swales and depressions must be carried out in accordance with relevant guidelines and designed by a suitably qualified and experienced person.	Construction	Section 5.1 of SWMP Photographs of site drainage features.	Section 5.1 outlines the environmental issues, construction activity and the potential action/impact including temporary waterway crossings and culvert and drainage work. Photographs show the implementation of the drainage features	Compliant	
E106	The Proponent must consider the Guidelines for controlled activities on waterfront land riparian corridors (Department of Industry 2018) when carrying out work within 40 metres of a watercourse, including its bed.	Construction	Erosion and Sediment Control Plan Section 6 (Environmental control measures) provide measures for works on waterfront land.	Section 6 (Environmental control measures) provide measures for works on waterfront land.	Compliant	
E107	Where water abstraction from a waterway is proposed, a qualified aquatic ecologist must be engaged to assess if it is suitable for water abstraction and when pumping must cease.	Construction	Water abstractions completed and aquatic ecologist reports sighted	Water abstractions completed and aquatic ecologist reports sighted	Compliant	
E108	Any pumps sumps used in natural waterways must be screened with mesh no greater than 5mm in size.	Construction	Creek dewatering report from Project Ecologist Site inspection	Satisfactory per evidence	Compliant	
E109	All new or modified drainage systems associated with the CSSI, must: (a) meet the capacity constraints of council's drainage system to receive and convey the proposed flows from the CSSI, or otherwise upgrade Council's drainage system at the Proponent's expense, in consultation with Council; (b) minimise impacts on the receiving environment at the final outflow point resulting from any additional flow volume (including, but not limited to scour, flooding, water quality impacts and impacts on riparian vegetation, aquatic ecology and property); and (c) ensure mitigation measures are implemented where increased flows through cross drainage systems adversely impact on Council's drainage infrastructure and the receiving environment.	Construction	Detailed designs are still being finalised	N/A	Not triggered	
		Construction	Detailed designs are still being finalised	N/A	Not triggered	
		Construction	Detailed designs are still being finalised	N/A	Not triggered	
Groundwater						
E110	Operational groundwater inflows into each tunnel must be no greater than one litre per second across any given kilometre (1L/s/km). Compliance with this condition cannot be determined by averaging groundwater inflows across the length of the tunnel(s).	Operation	Project not yet operational	N/A	Not triggered	
E111	The Proponent must identify and commit to the implementation of 'make good' provisions for groundwater users in the event of a material decline in water supply levels, quality and quantity from existing registered bores associated with groundwater changes from either construction and/or ongoing operational dewatering caused by the CSSI.	Construction	No make good provisions identified, no impacts to groundwater supply identified to date.	N/A	Not triggered	

Table 7 Ecosystem Credits to be Retired

Ecosystem Credits		
Plant Community Type (PCT) ID and name	Management zone area (ha)	Number of Credits
NR120 Blackbutt - Tallowood moist ferny open forest of the coastal ranges of the NSW North Coast Bioregion	17.33	1023
NR122 Blackbutt - Turpentine - Tallowood shrubby open forest of the coastal foothills of the central NSW North Coast Bioregion	10.41	615
NR138 Brush Box - Tallowood - Sydney Blue Gum tall moist forest of the ranges of the central NSW North Coast Bioregion	6.99	432
NR149 Coastal floodplain sedgeland, rushlands , and forblands of the North Coast	0.33	8
NR217 Paperbark swamp forest of the coastal lowlands of the NSW North Coast Bioregion and Sydney Basin Bioregion	4.41	300
NR258 Sydney Blue Gum open forest on coastal foothills and escarpment of the North Coast	1.18	80
NR263 Tallowood - Small-fruited Grey Gum dry grassy open forest of the foothills of the NSW North Coast	1.6	99
NR274 Turpentine moist open forest of the coastal hills and ranges of the NSW North Coast Bioregion	3.5	212
NR280 White Bogong - Fig subtropical rainforest of the NSW North Coast Bioregion	2.42	142
TOTAL ECOSYSTEM CREDITS	48.17	2911

Note: Credits have been calculated using the Framework for Biodiversity Assessment

Table 8 Species Credits to be Retired

Species	Loss of habitat or individuals	Number of Credits
Dusty Plum, Plum Bonyard (<i>Niemeyeria whitei</i>)	74 individuals	1110

Table 11: Ground vibration limits for human comfort

Receiver	Type of blasting operations	Peak component particle velocity (mm/s)
Sensitive site	Blasting operations lasting more than 12 months or more than 20 blasts	5 mm/s for 95% of blasts per year
		10 mm/s maximum limit
Sensitive site	Blasting operations lasting less than 12 months or less than 20 blasts in total	10 mm/s maximum limit
		25 mm/s maximum limit. For sites containing equipment sensitive to vibration, the vibration level should be kept below manufacturer's specifications or levels that can be shown to adversely affect the equipment operation
Occupied non-sensitive sites, such as factories and commercial premises	All blasting	25 mm/s maximum limit. For sites containing equipment sensitive to vibration, the vibration level should be kept below manufacturer's specifications or levels that can be shown to adversely affect the equipment operation

Source – Table J4.5(A) – AS 2187.2 – 2006

Note: A sensitive site includes houses and low rise residential buildings, theatres, schools and other similar buildings occupied by people.

Table 12: Ground vibration limits for control of damage to structures

Receiver	Type of blasting operations	Peak component particle velocity (mm/s)
Other structures or architectural elements that include masonry, plaster and plasterboard in their construction ¹		15 mm/s 4 Hz to 15 Hz, except for heritage structures where a frequency dependent vibration criteria would be determined in accordance with AS 2187.2 – 2006.
		20 mm/s 15 Hz and above

Receiver	Type of blasting operations	Peak component particle velocity (mm/s)
Reinforced or framed structures	All blasting	50 mm/s at 4 Hz and

Appendix B Site Inspection Photographs



Photo 1 – Sediment basin at the West Korora Rd worksite



Photo 2 – Panama disease control wheel wash into West Korora Rd worksite



Photo 3 – IBC with Panama disease control chemical and sign on QR code



Photo 4 – Clearing and ground preparation work being undertaken at the Mackeys Rd worksite



Photo 5 – Bunting indicating project boundary and “No Entry” signage



Photo 6 – Mobile Community Information van parked at the main compound



Photo 7 – Earthworks at Cut 4, Fill 3D worksite – note that dust is being generated and moving towards the project boundary in the photo



Photo 8 – Bunting indicating project boundary at Earthworks at Cut 4, Fill 3D worksite



Photo 9 – Sediment basin and water diversions at Earthworks at Cut 4, Fill 3D worksite



Photo 10 – Native guava marked with tape near Bridge 23 worksite



Photo 11 – Native guava marked with tape near Bridge 23 worksite



Photo 12 – Project weather station near Bridge 23 worksite



Photo 13 – Self bunded generator placed within another bund at Satellite compound IJ



Photo 14 – Sediment basin at the South of Koramba Rd worksite



Photo 15 - Sediment basin and water diversions at the South of Koramba Rd worksite



Photo 16 – Mulch stockpile surrounded with earth bund at the South of Koramba Rd worksite



Photo 17 – Timber pins for reuse at the North of Koramba Rd worksite

Appendix C Opening and Closing Meeting Attendance Sheets

Coffs Harbour Bypass | Independent Environmental Audit | Attendance Sheet

Date	19/07/2023	Time	11 - 11.30 AM	Event	Opening Meeting
------	------------	------	---------------	-------	-----------------

Name	Organisation	Title
Sam YATHAMMAVONN	JBS&G	Lead Auditor
Dom Hoban	JBS&G	Auditor assist
Mark Corliss	FGJV	E&S Manager
Abbi Lee	FGJV	E&S UG
Anna Burke	FGJV	Env. Advisor
Michael Stuyt	FGJV	- " -
Shayla Walker	TPNSCO	Env officer
MICK BROWNE	TFNSW	ENVIRO
SCOTT LAWRENCE	TFNSW	Senior Env ^{at Sustran Limited} Management
Nick Armas	FGJV	CONSTRUCTION DIRECTOR
TIM EDER	FGJV	ENVIRO LEAD
BRENDEN BACE	FGJV	ENVIRO LEAD

Coffs Harbour Bypass | Independent Environmental Audit | Attendance Sheet

Date	19/07/2023 21/8/23	Time	3.30 - 4pm	Event	Closing Meeting
------	----------------------------------	------	------------	-------	-----------------

Name	Organisation	Title
IBR Co/BS		
Scott Lawrence		
Anna Duke		
Shayne Walker		
Bronwyn Cappelli		
Mick Browne		
Michael Stuart		
Tom Eldon		
Abbey Lee		

Appendix D Planning Secretary Audit Teams Agreement

Mr Mick Browne
Environment and Sustainability Manager
Coffs Harbour Bypass
Transport for New South Wales
76 Victoria Street
Grafton
New South Wales 2460

19/06/2023

Dear Mr Browne,

Coffs Harbour Bypass - Independent Auditor Approval (SSI-7666)

I refer to your request (SSI-7666-PA-155) lodged on 15 June 2023 for the Secretary's approval of a suitably qualified person to prepare an Independent Audit for the Coffs Harbour Bypass Project ('**the Project**'), in accordance with Schedule 2, Condition A33 of State Significant Infrastructure 7474 ('**SSI-7474**' or '**the Approval**').

The Department of Planning and Environment ('**NSW Planning**') has reviewed the nominations you have provided and is satisfied that proposed Auditors are suitably qualified and experienced. Consequently, I can advise that the Secretary approves the appointment of the following:

- Sam Pathammavong, JBS&G - Lead Auditor.
- Christine Louie, JBS&G - Auditor.

NSW Planning reserves the right to request an alternate auditor or audit team for future audits.

NSW Planning notes that Christine Louie's Exemplar Global Auditor Certification expires on 25 August 2023. Please note that the approval of the auditors is conditional upon them maintaining certification as a lead or auditor with a relevant industry body. Failure to provide evidence of continued certification may result in the auditor's endorsement being removed by NSW Planning.

The Independent Audit must be prepared, undertaken and finalised in accordance with Conditions A33 - A38 of the Approval and the requirements of the *Independent Audit Post Approval Requirements (2020)*. Failure to meet these requirements may require the revision and resubmission of the Independent Audit report.

Notwithstanding the agreement for the above listed audit team for this Project, each respective project approval or consent requires a request for the agreement to the auditor or audit team be submitted to NSW Planning, for consideration of the Secretary. Each request is reviewed and depending on the complexity of future projects, the suitability of a proposed auditor or audit team will be considered.

Department of Planning and Environment



Should you wish to discuss the matter further, please contact me on 02 6670 8652.

Yours sincerely

Nick Ballard

Nick Ballard
A/Team Leader – Far North Region
Compliance

As nominee of the Planning Secretary

Appendix E Independent Audit Declaration Form

Appendix E – Independent Audit Report Declaration Form Template

Independent Audit Report Declaration Form

Project Name	Coffs Harbour Bypass
Consent Number	SSI-7666
Description of Project	Construction and operation of the 14km long Coffs Harbour Bypass
Project Address	Land between Boambee in the south through to Korora in the north
Proponent	Transport for NSW
Title of Audit	Independent Audit
Date	14 September 2023

I declare that I have undertaken the Independent Audit and prepared the contents of the attached Independent Audit Report and to the best of my knowledge:

- i. the audit has been undertaken in accordance with relevant condition(s) of consent and the *Independent Audit Compliance Requirements (Department 2019)*;
- ii. the findings of the audit are reported truthfully, accurately and completely;
- iii. I have exercised due diligence and professional judgement in conducting the audit;
- iv. I have acted professionally, objectively and in an unbiased manner;
- v. I am not related to any proponent, owner or operator of the project neither as an employer, business partner, employee, or by sharing a common employer, having a contractual arrangement outside the audit, or by relationship as spouse, partner, sibling, parent, or child;
- vi. I do not have any pecuniary interest in the audited project, including where there is a reasonable likelihood or expectation of financial gain or loss to me or spouse, partner, sibling, parent, or child;
- vii. neither I nor my employer have provided consultancy services for the audited project that were subject to this audit except as otherwise declared to the Department prior to the audit; and
- viii. I have not accepted, nor intend to accept any inducement, commission, gift or any other benefit (apart from payment for auditing services) from any proponent, owner or operator of the project, their employees or any interested party. I have not knowingly allowed, nor intend to allow my colleagues to do so.

Notes:

- a) 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) 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
- b) 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 or 200 penalty units, or both)

Name of Auditor	Sam Pathammavong
Signature	
Qualification	M.EnvEngMgmt, B.Eng (Civil & Env), Exemplar Global Cert.No. 203520
Company	JBS&G Australia Pty Ltd
Company Address	Level 1, 50 Margaret Street, Sydney NSW 2000

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