

Coffs Harbour Bypass – Early works

Acoustic Advisor Monthly Report

February 2022
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Distribution List

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Tim Gooley	Transport for NSW
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Simon Williams	Environmental Representative
Duncan Thomson	Environmental Representative
Jake Shackelton	NSW Department of Planning, Industry and Environment
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Glossary of terms and abbreviation

AA	Independent Acoustic Advisor approved by DPIE
CBAG	Coffs Bypass Action Group
CCC	Community Consultation Committee
CEMP	Construction Environmental Management Plan
CNVMP	Construction Noise and Vibration Management Plan
CoA	Conditions of Approval
CSSI	Critical State Significant Infrastructure
DPIE	Department of Planning, Industry and Environment
Early works	Works not defined as construction under the CoA
EIS	Environmental Impact Statement
ER	Independent Environmental Representative approved by DPIE
EMS	Environmental Management System
EPA	NSW Environment Protection Authority
EPL	NSW Environment Protection Licence
Incidents	As defined in the Conditions of Approval
OEH	Office of Environment and Heritage
(the) Project	Coffs Harbour Bypass
Proponent	Transport for NSW
Secretary	Secretary of DPIE
SPIR	Submissions and preferred infrastructure report
SSI	State Significant Infrastructure

1. Introduction

1.1 Background

Transport for NSW is the Proponent for the Coffs Harbour Bypass (the Project).

The Project is Critical State Significant Infrastructure (CSSI) and was approved by the NSW Minister for Planning in 2020 (SSI 7666) following preparation of the Environmental Impact Statement (EIS) in 2017 and of a Submissions and Preferred Infrastructure Report (SPIR) by Transport for NSW in response to submissions from government, agencies, organisations and the public.

Transport for NSW is progressing with early works for the project, defined in the Conditions of Approval (CoA) as low impact work, which is completed prior to approval of the Construction Environmental Management Plan (CEMP).

This Acoustic Advisor monthly report relates to the early works.

1.2 Acoustic Advisor

In accordance with CoA A28 of Approval SSI 7666, an independent, suitably qualified and experienced Acoustic Advisor (AA) was engaged for the duration of the Project. John Hutchison was approved in the AA role by the delegate to the Secretary on 1 February 2021 in accordance with CoA A28.

1.3 Environmental Representative

An independent Environmental Representative (ER) was engaged for the Project in accordance with CoA A21. Simon Williams was nominated as the ER, with Duncan Thomson the alternate, and approved by the delegate to the Secretary in July 2021.

As required in CoA A30(g), the ER works closely with the AA on noise and vibration related matters on the Project. Interactions with the AA are summarized in Section 3.10 of this report.

1.4 Scope of monthly report

As required by CoA A30(g)(iv), the AA must prepare and submit a monthly report, providing information on any actions or decisions for which the AA was responsible in the preceding month. Actions and decisions include but are not limited to:

- Communications with the Secretary
- Consideration and recommendations to Transport for NSW on improvements that may be made to avoid or minimise adverse noise and vibration impacts.
- Reviews and, where appropriate, endorsement of all noise and vibration documents required to be prepared under the Conditions of Approval.
- Any actions or decisions relating to regular monitoring of the implementation of noise and vibration documents;
- Any notifications to the Secretary of noise and vibration incidents;
- Any audits or inspections of the project and associated recommendations;
- Any action taken to help resolve conflicts between Transport for NSW and the community;
- Consideration of minor amendments to the CEMP, relevant sub-plans and monitoring programs

2. Summary of construction activities

Early works over the preceding month involved the following:

- Continuing demolition of vacated properties, including removal of structures and foundations. To February, 24 structures had been demolished of a total of 63. Nine structures are within the current scope to be complete over the next month or so.
- Utilities relocations including water mains at Station Road, North Boambee Road and Coramba Road
- Contaminated site investigations
- Vegetation clearing to facilitate investigations and services work

These works have been undertaken during standard construction hours.

Upcoming works likely over the next month include:

- Clearing of vegetation in the southern extent of the project
- Commencement of horizontal direction drilling (HDD) along Bray Street to install power conduit

3. AA activity

3.1 Secretary communications

Except for submission of the monthly report, no communications with the Secretary were made during February.

3.2 Recommendations for improvement

Recommendations for improvement made for noise and vibration documentation (see below).

3.3 Documentation review

3.3.1 AA Endorsements

- No endorsements during February

3.3.2 Document reviews

Documents reviewed in consultation with the ER included the following.

- Consistency assessment for CHB tunnel MCMF and BCC (9 February)

3.4 OOHW permit reviews

- No other documentation reviewed in February

3.5 Document amendments

No amendments to approved documents necessary in February.

3.6 Monitoring of document implementation

3.6.1 CNVMP and associated documents

At this stage works are of low risk, being undertaken during standard hours and outside the framework of the CNVMP, which is yet to be approved. Based on feedback from Transport for NSW, low risk works completed in February have been completed in line with the file notes reviewed by the AA for each item of work and have not resulted in any noise or vibration complaints.

3.6.2 At-receiver noise treatments

Transport for NSW is undertaking a program of at-receiver noise treatments (ARNT) to qualifying homes identified within the EIS. The program aims to ensure early mitigation is provided, where possible, prior to construction commencement. The Operational Noise Review (ONR) required under CoA E47 may result in a change in the number of properties and/or the scope of treatment. Nominally, 619 homes were identified as receiving treatment (344 of these are existing homes and the remainder in estates yet to be constructed).

To February, 10 properties have been completed in Package 1. Package 2 commenced in February and Package 3 to commence in March. Around 25 homes are included in each package.

3.7 Incidents

The AA was made aware of out-of-hours work (Sunday) undertaken without appropriate approvals at a private residence. Since the resident apparently agreed to the works, the impact was minimal; however, since this is a non-compliance with the conditions of approval, was reported to DPIE as an incident.

3.8 Auditing and inspection

The AA completed a site inspection on 9 February. The scope of the inspection included active work sites such as Coramba Road, Buchanan's Road, Englands Road and Coachmans Close.

An observation at utility works on Coramba Road was the use of a demolition saw prior to 8am, close to residences, which is a non-compliance with the noise and vibration management plan. The environmental team made sure this activity was stopped immediately and follow up tool box training was implemented.

It is important to respect the allowable work times near sensitive receivers, considering the community will be affected by noise for an extended duration.

Other inspected sites appeared well managed.

3.9 Community complaints and conflict

One complaint regarding noise was received in February. A resident of Opal Cove was concerned with reduced amenity due to clearing of vegetation along the Pacific Highway resulting in increased traffic noise at her home. The complaint was escalated to the AA, who contacted the resident in the beginning of March (to be reported in the March report).

3.10 Meetings

The AA has been attending weekly meetings with Transport for NSW, the ER and Project consultation team members. Within these meetings, upcoming works are discussed as well as any complaints related to noise and vibration and the status of document preparation and approval.

The AA attended a meeting with the project team, DPIE and the ER on 9 February, which involved a project update.

The AA attended the quarterly CCC meeting on 9 February in person at Council Chambers, including a response to questions regarding upcoming noise modelling for the tender design and the relevance of assessing sleep disturbance.

The AA attended a meeting with the construction team and a follow-up meeting with management of Handybin to discuss the likely impacts and mitigation measures for tree clearing close to the receiver. The project team was preparing to measure and manage the works including deferring noisy work over the NML until Saturday when the receiver was not present.



3.11 Interactions with the ER

The ER and the AA have worked together in reviewing noise and vibration documents and providing comments to Transport for NSW in a coordinated manner. The AA will continue to work with the ER throughout the project.

3.12 Other AA Activities

The AA continues to review Project-related correspondence as and when received, responding accordingly.

4. Closing comments

Appropriate planning and management of noise and vibration impacts has been carried out to date with early works being completed outside the framework of the CEMP. All works appear to be completed in accordance with the CoA and documentation provided for review.

Inspections of the site have commenced with the initial inspection in February. Observations included the importance of meeting approved construction work hours.

Interaction with Transport for NSW and the ER has been positive, and the AA has maintained a good relationship between all parties to achieve best practice proactive noise and vibration management and ongoing compliance with the Conditions of Approval.