

Coffs Harbour Bypass – Early works

Acoustic Advisor Monthly Report

August 2022
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Distribution List

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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
DPE	Department of Planning 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

Ferrovia Gamuda Joint Venture (FGJV) has now commenced operations on the project, with specific activities being added to the works program. In addition, a major sub-contract for utilities relocations has commenced with Quickway operating in the northern section of the project. These teams are adding to the current utilities program being completed by Coffs Harbour Council contractors on watermain projects in the southern areas.

The following activities were underway during August:

- Continuing demolition of vacated properties, including removal of structures, netting and foundations.
- Ongoing utilities relocations including underboring in a variety of locations such as Coachmans Close, James Small Drive and the Pacific Highway near the hospital
- Establishment of compounds and work areas by Quickway in the northern end
- Watermain trenching adjacent to the biomass facility off Englands Road (WM1) and to western extent of project corridor (WM2)
- Rock removal near the biomass facility to assist with WM1 works
- Cutover/splicing of telecommunications in various locations.
- Ongoing at-house noise treatments

Utility works will continue over the next month and upcoming works also include:

- Trenching and underboring for watermains 1 and 2 in south and western portions of the project
- Underboring for watermain 3 around James Small Drive – will involve OOHW
- Geotechnical investigations by FGJV in a variety of locations
- Excavation of a rocky knoll in the south of the project
- Completion of clearing adjacent to Handybins
- Removal of underground fuel storage at Handybins

3. AA activity

3.1 Secretary communications

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

3.2 Recommendations for improvement

Recommendations on assessment methods and documentation were provided during review, as summarised below. Site inspection conducted in August (see Section 3.8).

3.3 Documentation review

3.3.1 Endorsements of project documentation

- No endorsements during August; however FGJV is currently preparing management plans and review is likely in September.

3.3.2 Document reviews

All documentation reviewed in August related to OOHW permits as summarised below.

3.4 OOHW permit reviews/approvals

- CHB OOHW application / noise modelling Pacific Hwy and Crane truck holding power pole Opposite Ambulance station (1/8)
- OOHW Application CHB Optus Cable Pulling South (3/8)
- OOHW Application Comms Cut overs (22/8)

These works were below NML and represented a low level of impact

3.5 Document amendments

No amendments to approved documents necessary in August.

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 August have been completed in line with the file notes previously 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, 605 homes eligible to receive treatment (comprising 440 residential homes, 11 non-residential receivers and 154 unbuilt residential receivers).

To date, initial scoping has been completed at 282 properties. Works packages 1 and 2 are complete with 44 homes. Works packages 3, 4 and 5 have commenced, with 45 of the 88 eligible properties having been completed. Package 6 is soon to be released.

3.7 Incidents

The AA is unaware of any incidents during August.

3.8 Auditing and inspection

Site inspection was undertaken on 18 August. Observed activities included WM1 trenching near the biomass facility, the Quickway site establishment opposite James Small Drive, completed works at Coachmans Close and sites for upcoming works such as underboring at James Small Drive.

The team is managing noise with reasonable and feasible measures in place. No recommendations for improvement were made during the inspection.

3.9 Community complaints and enquiries

No complaints regarding noise were received by the AA in August.

Community enquiries addressed in August included:

- Resident of 4 Barrington Close North Boambee – disagreed with modelling outputs. I explained the modelling results and logic as well as the process going forward with the upcoming detailed design assessment.
- Resident of 2/7 Russ Hammond Close had concerns about her place missing out on treatments and the opening of the street to through traffic during construction.

3.10 Meetings

The AA attended the quarterly CCC meeting at Coffs Harbour City Council. The meeting covered a range of topics including noise treatment concerns and traffic modelling logic/outcomes.

The AA has been attending weekly meetings with Transport for NSW, DPE representatives, 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.

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.

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.

With the commencement of FGJV as Contractor for the project, additional activity is now being planned. It is important to ensure good communication and awareness of all programmed works across the project and to manage these consistently. Documentation reviews will commence once the relevant management plans are prepared in time for construction. There will be a transition period of continuing early works by TfNSW and works completed by the Contractor under the approved CEMP.