

MONTHLY NOISE AND VIBRATION REPORT INLAND RAIL A2I - ACOUSTICS ADVISOR

Project:	Albury to Illabo (A2I) SSI-10055		
For period:	July 2026	Authorisation:	
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Introduction

EMM Consulting Pty Limited (EMM) presents the July 2026 AA Noise and Vibration Report for the Inland Rail A2I project as required by SSI 10055 Condition of Approval (CoA) A27 (h) iv. This represents the nineteenth Monthly Report for A2I with works commencing on 6 January 2025.

A reference table for the acronyms used in this report is provided on the last page.

Activities completed - July 2026

Activities that have occurred in July 2026 are as follows:

- Murray River Bridge
 - Site complete, no works in July
- Albury Yard and footbridge
 - Signalling GSR install
 - FRP western corridor
 - FRP eastern corridor (Strip pier and L wall excavate)
- Riverina Highway
 - Piling prep works (pour slab for monitor station)
 - Pipework install
 - Cess drain fill and recut
- Billy Hughes Bridge
 - Soil nail installation
 - Soil nail wall stability test
- Tabletop Yard
 - Site complete, no works in July
- Culcairn
 - Site complete, no works in July
- Henty
 - Establishment of the ancillary facility
 - Installation of signalling CSR routes
 - Installation of new signalling underbore
- Yerong Creek
 - Establishment of an ancillary facility

- Directional drilling for signalling underbore
- The Rock Yard
 - Site complete, no works in July
- Uranquinty
 - Site complete, no works in July
- Pearson Street
 - Utilities- Watermain installation
 - Southern Section - Detailed excavation around piles, pile breakback, testing
 - Northern Section - Detailed excavation around piles, pile breakback, testing
 - Lower Capping Beam - Detailed excavation and trim face
- Cassidy Parade Footbridge and Brookong Avenue Bridge
 - Demolition works
 - Southern Section - Pile cap formwork, pour, strip and patch
- Edmondson Street
 - Abutment A:
 - Pile cap formwork, concrete works, formwork and backfill works
 - Blade Wall - Scaffolding, reinforcement, formwork, concrete pouring, stripping
 - Abutment B: Pile cap backfill works
 - Blade Wall - Scaffolding, reinforcement, formwork, concrete pouring, stripping, removing
 - Headstock - Formwork soffit and reinforcement
 - Pier 1:
 - Headstock reinforcement, formwork, concrete pouring, stripping and backfilling works
 - Pier 2:
 - Column reinforcement
 - Place and brace column formatube
 - Column concrete works
 - Headstock soffit
 - Headstock reinforcement
- Wagga Wagga Yard / Mothers Footbridge
 - Pier 3 Headstock (South):
 - Pour bearing plinths
 - Bearing pad formwork
 - Bearing pad concrete works
 - Pier 5 Headstock (North):
 - Stage 2 concrete works
 - Form up and pour bearing plinth
 - Bearing pad formwork
 - Bearing pad concrete works
 - Central- Main Span:
 - Establishment of pre-assembled hardstand

- Mobilisation and set up of the HL crane
 - Delivery of structural steel sections and assemble the bridge
 - Main span assembly
 - Strip bearing pads and install bearings
 - Demobilisation of HL crane
- Sothern Ramp:
 - Establishment of pre-assembled hardstand
 - Delivery of main truss
 - Ramp structural steel installation - Abut A to Pier 5
- Northern Ramp:
 - Establishment of pre-assembled hardstand
 - Delivery and offloading of structural steel components
 - Ramp structural steel installation - Abut B to Pier 7
 - Walls - Formwork and reinforcement
- Wagga Yard:
 - Shoulder reconditioning and widening
 - Existing drain and pit removal works
- Grass lined cess drain construction
- Bomen
 - SAQP
 - Service investigation
- Harefield
 - SAQP
 - Service investigation
- Kemp Street
 - Abutment A headstock:
 - Beam formwork
 - Beam concrete works
 - Curtain and wing walls works
 - Formwork stripping
 - Restraint blocks- FRC
 - Shroud walls- FRC
 - Pier 1:
 - Blade wall concrete works
 - Blade wall formwork stripping
 - Headstock formworks
 - Pier 2:
 - Blade wall formworks
 - Headstock formworks
 - Headstock concrete works
 - Headstock side forms stripping
 - Headstock strip soffit and scaffold falsework removal

- Abutment B:
 - B30 backfill
 - Inner wing wall and shroud walls FRP
- Footbridge:
 - Beam formwork
 - Beam concrete works
 - Curtain walls works
- Pier F1:
 - Reinforcement and column form
 - Concrete works
- Piers F2, F3, F4, F5:
 - Pile cap FRP
 - Scaffolding
 - Reinforcement and column form
 - Concrete works
- Superstructure:
 - Construction of pad for 500T crane
 - Erect temporary midspan support tower
 - Install Abutment A and Pier F1 bearings
- Delivery of Segment 2 to Site
- Junee Yard
 - Geotech investigation
 - Utility investigation
 - SAQP testing
 - Installation of ERSED controls
- Olympic Highway
 - SAQP testing
- J2I
 - LX 603 - Area 1:
 - SAQP testing
 - Laydown area pre-work
 - LX 604 - Area 2:
 - Ballast delivery
 - Shoulder recon works- Up Main 472.500- 469.000

Activities planned – August 2026

Works planned for August 2026 including OOHW are:

- Murray River Bridge
 - Site complete, no works planned
- Albury Yard and footbridge
 - Progress FRP works, including Pier 5 stripping, L-Wall and wing wall reinforcement, formwork and concrete pours

- Complete Northern Loop Line ballast, track installation and tamping, followed by line handback
 - Continue signalling, NDD and yard activities, with future earthworks scope to be confirmed
- Riverina Highway
 - Prepare work areas for delivery and placement of DGB
 - Receive approximately 480 tonnes of DGB
 - Progress piling pad construction works
- Billy Hughes Bridge
 - Continue piling pad construction, piling works and crew mobilisation
 - Progress north-east batter works and open drain construction
 - Complete soil nail testing and installation, followed by reinforcement and concrete placement
- Tabletop Yard
 - Site complete, no works planned
- Culcairn
 - Site complete, no works planned
- Henty
 - Signalling works
 - Site preparation for September possession
- Yerong Creek
 - Complete clearing, access road upgrades, including capping surveys, DCP testing and spoil removal
 - Cut back the platform and complete Telstra cable locating, connections and fibre cutover
 - Undertake shoulder reconstruction, retaining wall removal and grass-line cess drain works
 - OOHW permit to be prepared for works planned for the 16th, 23rd and 30th August 2026
- The Rock Yard
 - Site complete, no works planned
- Uranquinty
 - OOHW was proposed for Tuesday 18 August 2026, 2:30 – 8:30 pm; and Wednesday 19 August 2026, 2:30 – 8:00 pm
 - Rail works:
 - Cut out defective rail and weld closure rails at CH 535.730 and CH 536.100
 - Bearer works:
 - Remove and replace decayed timber bearers at CH 536.040, including re-screwing and excavator tamping
 - Minor repairs:
 - Tighten or replace loose screws and missing clips across the work areas
- Pearson Street
 - Spoil Management
 - Site access stabilization
 - Detailed excavation around pile caps
 - DN447 watermain Install

- Lower capping beam - detailed excavation
 - Lower Capping Beam- Detailed Excavation and trim face
- Cassidy Parade Footbridge and Brookong Avenue Bridge
 - Southern Section:
 - Pile cap formwork, pour, strip and patch
 - Northern Abut B:
 - Abut B pour
 - Demolition Works
 - Southern Section- Pile cap formwork, Pour, Strip and patch
- Edmondson Street
 - Abutment A:
 - Blade Wall - Concrete pouring, stripping
 - Headstock - Scaffold adjustment
 - Abutment B:
 - Blade Wall - Concrete pouring, stripping, scaffold removal
 - Headstock - Formwork soffit and reinforcement
- Wagga Wagga Yard / Mothers Footbridge
 - Southern Ramp:
 - Condek installation and fixing
 - Reinforcement and formwork installation
 - Northern Ramp:
 - Detailed earthworks, platform construction, scaffold and falsework popping
 - Pier 8:
 - Concrete pour wall- Stage 1
 - Formwork and reinforcement
 - Concrete pour wall- Stage 2
 - Wagga Yard:
 - Site clean up
- Bomen
 - SAQP
 - Service investigation
- Harefield
 - Dilapidation surveys
 - SAQP
 - Service investigation
- Kemp Street
 - Pier 1:
 - Headstock - strip side forms
 - Abutment B:
 - B30 Backfill
 - Pier F2:
 - Reinforcement and column form

- Concrete works
 - Mortar and bearing pad
- Superstructure:
 - Deliver segments 1A and 1B to site
 - Erect G1A and G1B (500T crane)
 - Site assembly, welding and protective treatment
- Junee Yard
 - Geotech Investigation
 - Utility Investigation
 - SAQP testing
- Olympic Highway
 - Shifting material in preparation for turn out pad
- J2I
 - Shoulder reconditioning works 469.000 - 472.000
 - Stressing module mark up
 - LX604 - Laydown area pre-work

Out of Hours (OOH) works planned for August 2026

- OOHWP Yerong Creek for Sunday Day OOH (yet to be received)
- OOHWP Uranquinty for 18th and 19th August for replacement of bearers (yet to be received)
- 11.004 OOHWP Pearson Street below NML Sunday (not reviewed by AA)
- 13.014 OOHWP Edmondson Blade Wall Construction (OOH Evening contingency and Sunday OOH Day)
- 15.001 OOHWP – Below NML – Bomen Brick Cleaning
- 17.012 OOHWP – Kemp Street crane delivery
- 17.013 OOHWP – Kemp Street sewer works
- 19.007 OOHWP – Olympic Highway Sundays and Mondays
- 20.019 OOHWP J2I Sunday and Monday Night v7

Acoustics Advisor Activity

- Review and/or endorsement of:
 - CNVIS Addendum Pearson Street Bridge and Cassidy Parade Footbridge Add 7 – review and comment
 - OOHWP Permit 14.012 – Mothers Bridge – review and comment
 - OOHWP Permit 08.001 Yerong Creek
 - Quarterly Environmental Monitoring Report April to June 2026 Rev A, Rev B – review, comment, and comment close out
 - Construction Environmental Management Framework (CEMF) Rev 7.2 incorporation of Stage D – review and comment close out
 - Consistency Assessment Overhead Wiring Treatment Sites Rev A – review and comment
 - OOHWP Permit 13.014 Edmondson Street Blade Walls – review and comment
 - OOHWP Permit 17.012 Kemp Street Crane Delivery – review and comment

- Consistency Assessment Junee Precinct Rev 2.1 – review and comment
- CNVIS Addendum Junee Yard Precinct Rev 0.1 – review, comment and endorsement
- CNVMP Stage D – review and comment
- CNVIS Yerong Creek Rev 0.1 v1.3 – review and comment
- June 2026 AA Monthly Report – submitted 7 July 2026
- Attendance at meetings with Inland Rail and Martinus to facilitate a collaborative approach in the preparation and review of required documentation including multiple workshops for CNVIS Addendums, CA, OOHW and anticipated works
- Weekly Environment and Approvals meeting with MR/IR/ER/AA ongoing
- Attendance to A2I Department Monthly Regulatory meeting 15 July 2026

Inspections, audits and site visits

- No inspections conducted in July 2026
- AA may attend Wagga Wagga in August 2026 to observe demolition of Cassidy Parade footbridge piers and abutments and will be present at September 2026 Possession

Noise and vibration complaints

There were ten complaints in total received for the month of July 2026, with one related to noise and/or vibration. Additional feedback has also been reported following on from complaints received in June.

Specifically for the July noise complaint:

- 25/7/26 (Complaint 121) – Wagga Wagga – relating to respite and planned OOHW required at Edmondson Street bridge in order to safely construct the blade walls.
 - MR has submitted an OOHW Permit for the works that include Evening OOH contingencies on weekdays and Saturday to allow for potential concrete overruns and Day OOH work on Sunday to prepare and complete the works safely and at required quality level
 - AA has reviewed the Permit and the relevant justifications and application of proposed AMM's have been identified
 - MR is continuing to communicate with complainant to minimise their concern.

Follow up of June noise and vibration complaints:

- 23/6/26 (Complaint 110) – Wagga Wagga – claim of movement in house over last two weeks since works has commenced on opposite property at 70 Railway Street, Turvey Park. Claims of cracks at multiple locations
 - A review of Wagga Wagga CNVIS (6-0052-210-EEC-W7-AS-0001_0) does confirm residence has the potential to fall within the safe working distance for human comfort from use of 7-13t vibratory roller (<300kN) and large 30t excavator with hydraulic hammer (1600kg) but outside the safe working distances for structural damage.
 - Complaint has been Closed
- 24/6/26 (Complaint 112) – Wagga Wagga – observations from complainant of movement in front of garage between driveway and slab with expansion joint appearing different than normal and internal cracking on architraves within building at rear of 24-26 Brookong Avenue.
 - MR has conducted a thorough historic review of works and monitoring for this property and Project works

- MR preliminary inspections were inconclusive; it was not possible to determine if it was caused by prior issues, environmental, natural settlement of 3-year-old building or construction-related.
- Short term work was undertaken in February 2026 including use of vibratory roller without notification or monitoring; an NCR was raised. Hence, MR cannot demonstrate that monitoring did not generate vibration levels above the structural damage criteria.
- Complaint has been Closed.
- However, MR will continue to monitor vibration at this property for relevant works and are in regular communication with Owner/Occupier. MR intends to conduct formal post construction condition report once works are complete in this area.
- AA will continue to track progress and review monitoring.
- 26/6/26 (Complaint 113) – Junee (Olympic Highway under bridge) – observations from complainant of cracks in concrete and cornices of property (three-year-old dwelling) at 10 Waterworks Road, Junee.
 - Follow up discussions between complainant and MR confirm complaint relates to train activity not MR project works and mistakenly called Inland Rail not ARTC.
 - Complaint is now Closed

Initiatives, continual improvement and feedback

AA has reinforced the requirements and commitments of IR and MR in terms of community consultation, pre-work condition surveys, preliminary monitoring, alternative methodologies, post-work completion condition surveys (as soon as possible after works are complete) and guidance on worst-case monitoring locations and noise contributions.

AA followed up a prior request to receive information on noise and vibration complaints on the day they are received rather than having to wait till the weekly summary.

Non-compliances, incidents and events

One incident involving a work hours overrun on 18 July 2026 at Mothers Bridge has been reported. This occurred due to operational constraints for the Track Occupancy Authority (TOA) where the staged work for the crane lift needed to be paused to allow Rail Operations to take back the rail for scheduled services before the TOA could be reinstated and works could be completed safely. Works were completed by 8.30pm. Noise monitoring occurred with noise levels significantly below predicted impacts and no complaints were generated. EPA were notified.

Ongoing and upcoming environmental risks

The process leading up to a possession requires further refinement from IR and MR in terms of quality, consistency and timing of the OOHW Permit for review and comment by AA prior to the planned works.

Recommendations (including auditing)

No current recommendations.

Acronyms

AA	Acoustic Advisor
AMMs	Additional Mitigation Measures
CEMP	Construction Environmental Management Plan
CMR	Construction Monitoring Report
CIZ	Construction Impact Zone
CSR	Combined Services Route
CNVIS	Construction Noise and Vibration Impact Statement
CNVMP	Construction Noise and Vibration Management Plan
CoA	Condition of Approval
DCP	Dynamic Cone Penetrometer
DGB	Densely Graded Base
DPHI	NSW Department of Planning, Housing and Infrastructure
EAD	Environmental Assessment Documentation
EIS	Environmental Impact Statement
ER	Environmental Representative
ERSED	Erosion and Sedimentation Control
FRP	Form work, reinforcement, and pour (concrete works)
IR	Inland Rail
J2I	Junee to Ilabo
LIW	Low Impact Works
MAF	Minor Ancillary Facility
MR	Martinus Rail
NAP	National Australian Pipelines
NCR	Non-Compliance Report
NML	Noise Management Level
NVA	Noise and Vibration Assessment
NVMP	Noise and Vibration Monitoring Plan
NVMR	Noise and Vibration Monitoring Report
NVAMR	Noise and Vibration Annual Monitoring Report
OOH	Out of hours
OOHW	Out of hours work
OOHWA	Out of Hours Work Application
OOHWP	Out of Hours Work Permit
OSOM	Over Size, Over Mass
PC	Principal Contractor
RMAR	Rail Maintenance Access Road
ROL	Road Occupancy License
SAQP	Sampling and Analysis Quality Plan
ULX	Underline Crossing

