

MONTHLY NOISE AND VIBRATION REPORT INLAND RAIL A2I - ACOUSTICS ADVISOR

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

EMM Consulting Pty Limited (EMM) presents the September 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 twenty-first 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 – September 2026

Activities that have occurred in September 2026 are as follows:

- Murray River Bridge
 - Installation of handrails
- Albury Yard and footbridge
 - Shoulder reconstruction, formation capping, ballast and track laying
 - Footbridge headstock, mortar-pad and Ramp 1 works
 - Kenilworth Street demolition and service works
 - Signalling cable and electrical works
- Riverina Highway
 - Piling Works
 - Drill, cage and pour
 - LV works and excavations
 - Piling scope - drilling; cleaning of borehole; reinforcement installation; concrete pour and curing
 - Adjustment tamping of mainline slew
- Billy Hughes Bridge
 - Soil-nail wall excavation, drilling, grouting and shotcreting
 - Pile breakback, batter works and possession-access preparation
 - Track surveys, demobilisation and spoil load-out
 - Installation of soil nails and grouting
 - Mesh and shotcrete for soil nails works
- Henty
 - Survey, NDD and track monitoring
 - Gantry-pile excavation, reinforcement and concreting

- Yerong Creek
 - Site establishment continuing and completed
 - Clearing, access road upgrades, including capping surveys, DCP testing and spoil removal works undertaken
 - Establishment of emergency access track for possession period
 - Shoulder reconstruction, retaining wall removal and grass-line cess drain works ongoing
 - Old platform removal and demolition
 - OOHW permit approved for Sunday works signalling works
 - No OOHW on Sundays utilised
 - Signalling works planned 03/09 for switching track lines to diversion/loop line in preparation for September Possession
 - Under boring activities to begin 05/09 to install new watermain
 - Removal and reinstatement of Plunkett Street level crossing
 - Track construction through crossing
 - Slew main line
 - Weld and adjust main line
 - Road and pavement works
- Uranquinty
 - Compound, access and hardstand establishment.
 - Heritage/habitat protection, NDD and surveys
 - Haul-road and scaffolding laydown preparation
- Pearson Street
 - DW01 Stage 1, Stage 2 works – excavation, formwork and reinforcement, concrete pour and backfilling
- Cassidy Parade Footbridge and Brookong Avenue Bridge
 - Northern and Southern abutments – structural steel installation and reinforcement
 - Northern retaining wall – base slab and formwork, and walls construction
 - AGH demolition works
- Edmondson Street
 - Abutment B headstocks construction
 - Abutment A blade wall and headstocks
 - Deflection wall A construction
 - Drainage works – northern and southern approach
 - L-Wall construction
 - Reinforced soil walls construction
- Wagga Wagga Yard / Mothers Footbridge
 - Northern suspended ramp – FRP works
 - Northern ramp – FRP works
 - Approach ramp A retaining wall – earthworks
 - Northern structure – suspended ramp and Pier 8 works
 - Approach ramp B retaining wall – base slab and formwork, walls construction and backfill
- Bomen

- No works in September
- Harefield
 - No works in September
- Kemp Street
 - Pier 1 and Pier 2 headstock construction
 - Abutment B FRP works
 - Bridge deck construction – DW, Super T girders and FRP
 - Barrier footings
 - Footbridge construction – Piers F2-F5
 - Superstructure works – Spans 2-4
- Junee Yard
 - Footbridge removal works – bury signal, pothead cables, crane pads installation, service isolation, footbridge removal and demobilisation
 - Crossover – 110 crossover installation works
- Olympic Highway
 - Up Main final slew and destressing
 - Bridge re-transforming works
- J2I
 - 472 culvert replacement
 - 477 culvert works
 - Tamping and de-stress
 - LX604 level crossing works
 - Shoulder recon works

Activities planned – October 2026

Works planned for October 2026 including OOHW are:

- Murray River Bridge
 - Works complete, no planned works for October
- Albury Yard and footbridge
 - Track, drainage, overhead-wire removal and gantry-pile works
 - Footbridge steelwork and crane-pad certification
 - Kenilworth Street excavation, wall cutting and piling
 - Signalling and gantry 59 points preparation
- Riverina Highway
 - Pile breakback, spoil clean-up and drainage excavation
 - Blinding and capping-beam construction.
- Billy Hughes Bridge
 - Continue soil-nail walls and drainage works
 - North-eastern batter excavation
 - Pile rectification, blinding, and capping beam
- Henty
 - Signal-gantry pile works

- Cable pulling, gantry-removal preparation and live-route tie-ins
- Yerong Creek
 - Stabilisation of select areas.
- Uranquinty
 - Platform removal, dilapidation surveys, and turnout inspections
 - Ballast/capping deliveries and shoulder reconstruction
 - Construction access road works and bridge scaffolding
- Pearson Street
 - DW01 Stage 3 and Stage 4 works – excavation, formwork and reinforcement, concrete pour, and backfilling
 - DW02 Stage 1 and Stage 2 works – formwork and reinforcement, concrete pour
- Cassidy Parade footbridge and Brookong Avenue footbridge
 - Central section – steel framework
 - Northern and southern abutments – structural steel and ramps installation
 - Southern deck and stairs construction works
 - Northern and southern retaining walls – base slab and formwork, walls and ramps construction
- Edmondson Street
 - Deflection wall A construction – formwork, concrete works
 - Deflection wall B construction – superstructure, Pier 1, Pier 2
 - L-Wall – bay 1 concrete pour
 - Reinforced soil walls construction
 - Drainage works – southern approach
- Wagga Wagga Yard / Mothers Footbridge
 - Installation of northern stairs – span 6, 7 and 8
 - Northern suspended ramp – concrete works
 - Approach ramp B retaining wall – ramp earthworks and FRP
 - Southern suspended ramp, approach ramp B works
- Bomen
 - Site establishment works
- Harefield
 - Service investigation works
- Kemp Street
 - Bridge deck – FRP, lighting, DW 1
 - Footbridge construction – elevated ramp
 - Superstructure works – Spans 5-6, splices and Infills
 - Earthworks and drainage works
 - Works Authorisation Deed (WAD) works – TfNSW and MR/Arenco
 - Embankment fill and keystone wall works
- Junee Yard
 - Crossover – pit/pipe grouting works
 - Site clean up

- Olympic Highway
 - Ballast top up
- J2I
 - 477 culvert – wing wall form works and concrete works

Out of Hours (OOH) works planned for October 2026

- 02.005 OOHW Permit – Albury Yard – October 2026 structural steel installation
- 11.004 OOHW Permit – Pearson Street track lowering - Sunday below NML
- 12.006 OOHW Permit – Cassidy Parade footbridge main span and ramps installation
- 16.001 OOHW Permit – Harefield Yard signalling – below NML
- 17.017 OOHW Permit – Kemp Street girders installation
- 19.009 OOHW Permit – Olympic Highway Sunday and Monday nights (September-October 2026)
- 20.023 OOHW Permit – J2I Sunday and Monday nights v8 (October 2026)

Acoustics Advisor Activity

- Review and/or endorsement of:
 - OOHW Permits – multiple – September 2026 Possession
 - Consistency Assessment Wagga Wagga Precinct Rev 2.2 – review and comment
 - Consistency Assessment Junee Supporting Works Rev 2.2 – review and comment
 - Consistency Assessment Bomen Yard Rev 1.1 – review and comment
 - Consistency Assessment Track Stressing Operations Rev B – review and comment
 - CNVIS Addendum Junee Yard Precinct ADD 1, ADD2 – review, comment and endorsement
 - CNVIS Addendum Yerong Creek ADD 3 Rev A, Rev 0 – review, comment and endorsement
 - CNVIS Junee North Track Cutting Works Rev B, Rev 0 – review, comment and endorsement
 - CNVIS Addendum Henty ADD 3 Rev A, Rev 0 – review, comment and endorsement
 - CNVIS Addendum Uranquinty ADD 3 Rev A, Rev 0 – review, comment and endorsement
 - Consistency Assessment Signage Installation and Removal Rev A – review and comment
 - Consistency Assessment TSR Signage Installation Rev 1 – review and comment
 - CNVIS Signage Installation and Removal Rev A, Rev 0 – review, comment and endorsement
 - CNVIS Addendum Bomen Yard ADD 3 Rev A, Rev 0 – review and comment
 - OOHW Permit 19.009 – Olympic Highway Sunday and Monday nights (September-October 2026)
 - CNVIS Addendum Harefield Yard Add Rev B, Rev 0 – review, comment and endorsement
 - OOHW Permit 17.017 – Kemp Street girders installation
 - OOHW Permit 20.023 – J2I Sunday and Monday nights v8 (October 2026)
 - OOHW Permit 12.006 – Cassidy Parade footbridge main span and ramps installation
- August 2026 AA Monthly Report – submitted 7 September 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 28 September 2026
- Preparation of AA September 2026 Possession Report issued on 29 September 2026

Inspections, audits and site visits

- Attendance to September 2026 Possession from 12 – 14 September 2026 including observations during demolition works of the Cassidy Parade Footbridge.
- Additional guidance on minimum requirements for noise and vibration monitoring including focussing on purpose and worst-case receiver locations or alternative representative locations where access is not possible due to site restrictions and safety.

Noise and vibration complaints

There were ten complaints in total received for the month of September 2026, with three related to noise and/or vibration. All noise and vibration complaints occurred during the September 2026 Possession.

- 13/9/26 (Complaint 132) – Yerong Creek – relating to movement beeping alarm during the day on Sunday 13 September 2026.
 - MR investigated and confirmed the item of plant was a track regulator and alarm was an ARTC safety requirement and forms part of mandatory safety controls for site operations.
 - MR advised regulator was only required for an hour longer.
 - MR provided two \$50 respite vouchers in goodwill in recognition of inconvenience and disruption caused.
 - AA has sought clarification from MR/IRPL on need for tonal alarm for this regulator as it has not been witnessed previously on two other regulators and tampers used on the project in the past.
 - Complaint Closed
- 14/9/26 (Complaint 133) – Junee – relating to audible reversing beeper on 13/9/26.
 - AA was in vicinity of the Kemp Street bridge works and identified a reversing beeper for the Over Size Over Mass (OSOM) delivery of bridge girders.
 - AA flagged activity and reversing beeper with MR and IRPL and it was noted that the beeper could be switched off as the OSOM was walked into site by multiple spotters and the relevant work safety requirements could be maintained without the beeper.
 - AA has requested a copy of plant and equipment onboarding form used for contractors to ensure that movement and reversing alarms are checked and meet the commitments of non-tonal movement alarms for the Project.
 - Complaint Closed
- 15/9/26 (Complaint 135) – Yerong Creek – query relating to duration of weekend works and how much longer it would be occurring.
 - MR advised the works happening at Yerong were part of the track possession works when no trains are running through the alignment. These timings are determined by the network operator. Before undertaking these works Martinus carries out extensive engagement, including door knocking, phone calls, emails, face to face consultations.
 - MR confirmed unfortunately they missed this stakeholder when door knocking the area and left a "Sorry We Missed You Card", respite letter and a copy of the work notification

which provided more information on the work scope and potential impacts. MR also advised that the work would conclude on night of 15 September 2026 and return to standard construction hours (Mon - Sat, 7am to 6pm) on 16 September 2026.

- MR provided digital \$50 respite vouchers as the property was eligible based on OOHV Permit impacts.
- Complaint 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. This also extends to the appropriate methodology, installation and locations for vibration monitoring, particularly in respect to buildings identified at risk of cosmetic damage.

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 until the weekly summary. IR/MR have been proactive in providing the complaints register in a timely manner.

Non-compliances, incidents and events

One Non-Compliance (6-0000-210-EEC-00-LT-0176) was submitted on 11 September 2026 for demolition works conducted at Cassidy Parade footbridge using a 30t excavator fitted with a hydraulic hammer and a pulveriser and operated within the safe working distances of 22-26 Brookong Avenue. Whilst vibration monitoring was conducted, it was not positioned at the closest potentially exposed location to the works for the referenced impacted building and not appropriately installed. Alternative short term measurements were not conducted to quantify vibration level exposure. Works were identified by AA through the process of a request for monitoring data for these specific works that had the potential to generate cosmetic damage to adjacent buildings and structures. The monitoring methodology and location was not in accordance with best practice or the commitments under the Project Construction Noise and Vibration Management Plan (CNVMP). No property damage, community complaints or vibration related impacts were reported or identified as a result of the non-compliance.

There were no noise and vibration incidents reported for September 2026.

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 OOHV 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

