

MONTHLY NOISE AND VIBRATION REPORT INLAND RAIL A2I - ACOUSTICS ADVISOR

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

EMM Consulting Pty Limited (EMM) presents the June 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 eighteenth 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 - June 2026

Activities that have occurred in June 2026 are as follows:

- Murray River Bridge
 - Site complete, no works in June
- Albury Yard and footbridge
 - Geotech investigations (DPC's, Proof Roll)
- Riverina Highway
 - Install bridge monitoring targets and install stations, ULX connection works (curve and backfill)
- Billy Hughes Bridge
 - Batter slip repair, weld and destress
- Tabletop Yard
 - Site complete, no works in June
- Culcairn
 - Site complete, no works in June
- Henty
 - Establishment of the ancillary facility, installation of signalling CSR routes and installation of new signalling underbore
- Yerong Creek
 - No works in June
- The Rock Yard
 - Site complete, no works in June
- Pearson Street
 - RIX Piling activities
 - Site establishment and compound set up

- Spoil Management
 - Installation of ERSED controls
 - Site access stabilization
 - Detailed Excavation around pile caps
- Cassidy Parade Footbridge and Brookong Avenue Bridge
 - Scaffold Handover
 - Piling works
 - AGH Mobilisation
 - Southern Section- Formworks, Reinforcement and Concrete Pouring
- Edmondson Street
 - Clean up works at Abutment B
 - Spoil Management
 - Demobilisation of Piling Rig
 - Pile breakdown at both Abutments
 - Detailed excavations
 - Blade Wall- Scaffolding at Abut A
 - Localised ground improvement at Pier 2 (Behind RSW)
 - Pier 2 Scaffold Erection
- Wagga Wagga Yard / Mothers Footbridge
 - Headstock Construction- Pier 3 and Pier 5
 - Column Construction
 - Approach Ramp Construction- Detailed Excavation and FRP
 - Rail Load out
 - Shoulder recon
 - Existing Drain and Pit removal
 - Pier 3- Design Concrete Strength Gain
 - Pier 3- Form Up and Pour Bearing pad
 - Pier 5- Concrete pour, Stage 2 formworks, design concrete strength gain
 - Grass-lined cess drain construction
 - Access stabilization and car park construction
- Bomen
 - No works in June
- Harefield
 - No works in June
- Kemp Street
 - Piling rig demobilisation
 - Headstock construction
 - Scaffolding works
 - Drainage works
 - Pier 1- Blade Wall Concrete works
 - Pier 2- Blade Wall Concrete works and Formworks
 - Pier 2- Pile cap FRP

- Installation of Soil Walls
- Pier 6- Beam Formwork and concrete pouring
- Abut A- Headstock works
- Junee Yard
 - Spoil management and load out
 - Removal of legacy stockpile
 - Installation of ERSER controls
 - Geotech Investigation
 - Utility Investigation
- Olympic Highway
 - Clean up works
 - Spoil management and load out activities
- J2I
 - Clearing
 - Signalling works
 - Apron Slab Construction
 - Culvert 477 Wing wall construction and Rip Rap Installation works
 - Laydown area Pre-work
 - LX Strail test panel

Activities planned – July 2026

Works planned for July 2026 including OOHW are:

- Murray River Bridge
 - Site complete, no works planned
- Albury Yard and footbridge
 - Signalling GSR install, FRP western corridor & FRP eastern corridor (Strip pier and L wall excavate)
- Riverina Highway
 - Piling preparation 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 planned
- Culcairn
 - Environmental handover walk
- Henty
 - No works planned
- Yerong Creek
 - Establishment of an ancillary facility, directional drilling for signalling underbore
- The Rock Yard
 - Site complete, no works planned

- 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 Soft fit
 - 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
- Southern 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 Recon 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:
 - Reo and Column Form
 - Concrete works
- Piers F2, F3, F4, F5:
 - Pile Cap FRP
 - Scaffolding
 - Reo 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
- 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

Out of Hours (OOH) works planned for July 2026

- 04.008 OOHWP Billy Hughes Bridge Closure Installation
- 13.013 OOHWP Wagga Wagga Line Marking
- 15.001 OOHWP – Below NML – Bomen Brick Cleaning
- 19.007 OOHWP – Olympic Highway Sundays and Mondays
- 20.017 OOHWP J2I Drainage Works
- 20.018 OOHWP J2I Sunday and Monday Night v6

Acoustics Advisor Activity

- Review and/or endorsement of:
 - CNVIS Addendum Junee Yard Precinct Rev 0 – review, comment and endorsement
 - Staging Report updated for Stage D – review, comment and comment close out
 - OOHW Permit 4.008 – Billy Hughes Bridge Closure – review and comment
 - Construction Environmental Management Framework (CEMF) Rev 7.1 incorporation of Stage D – review and comment
 - September Possession Scope – preliminary information – review and comment
 - OOHW Permit 19.007 – Olympic Highway Sunday and Monday Night – review and comment
 - OOHW Permit 20.018 – J2I Sunday and Monday Night v6 – review and comment
- May 2026 AA Monthly Report – submitted 5 June 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 3 June 2026

Inspections, audits and site visits

- No inspections conducted in June 2026

Noise and vibration complaints

There were seven complaints in total received for the month of June 2026, with four related to noise and/or vibration. Specifically, the complaints were:

- 11/6/26 (Complaint 107) – Wagga Wagga – relating predominately to parking and parents' vehicles associated with pick-up and drop-off of students at school times blocking access to driveways. Also concern antisocial noise at night on temporary scaffold bridge.
 - MR confirmed that any noise / antisocial behavior at night to be reported to NSW Police
 - MR also to review scaffold rattling during typical use to determine if any additional measures can be implemented.
 - Complaint has been Closed.
 - AA will continue to track if there are opportunities for improvement on temporary pedestrian bridge.
- 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
 - MR confirmed no vibratory work being conducted.
 - MR has installed vibration monitor at property.
 - MR modelled current works with SLR Predict tool for vibration and confirmed that residence is outside of the vibration safe working distances for human comfort and structural damage.
 - 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 remains Open

- AA to track progress and review monitoring
- 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 23-26 Brookong Avenue.
 - MR confirmed minimal work on site in vicinity of property over last weeks.
 - MR reviewed against Condition Report with Senior Engineer confirming that the movement is consistent with seasonal expansion.
 - MR conducting ongoing vibration monitoring and planning to complete an additional condition report prior to demolition of Cassidy Parade footbridge.
 - Complaint has been Closed.
 - AA 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.
 - MR initially deemed operational rail impacts not construction, but conducting further investigations.
 - MR reviewing works completed in the area.
 - 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 remains Open.
 - A review of Olympic Highway CNVIS (6-0052-210-EEC-J6-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) but outside the safe working distances for structural damage.
 - AA to track progress.

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

Nothing for noise and vibration in June 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 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
CTR	Compliance Tracking Report
CNVIS	Construction Noise and Vibration Impact Statement
CNVMP	Construction Noise and Vibration Management Plan
CoA	Condition of Approval
DCP	Dynamic Cone Penetrometer
DPHI	NSW Department of Planning, Housing and Infrastructure
DSI	Detailed Site Investigations
EAD	Environmental Assessment Documentation
EIS	Environmental Impact Statement
ER	Environmental Representative
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

