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# INLAND RAIL – NARRABRI TO NORTH STAR – SSI 7474

**ER MONTHLY REPORT** 

APRIL | 2022

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## 1. KEY FINDINGS FOR THE REPORTING PERIOD

This Environmental Representative (ER) Monthly Report has been prepared in accordance with State Significant Infrastructure 7474 Condition of Approval A28(j), covering the period of 1 April to 30 April 2022.

Due to COVID-19 isolation requirements there was no ER inspection on 6 April. Accordingly, the only ER inspection for the month was conducted on 20 April.

Housekeeping, No Go Zones and ERSED controls at all of the Stage 1 sites inspected on 20 April was excellent. Well presented, visually appealing and concise environmental guidance (posters, wall charts, etc) was installed in prominent locations within the site offices at MAFs in Stage 1.

Given the higher environmental risk profile associated with the establishment of the piling pads at 10 Mile and Spring Creeks, it was recommended that the CPESC continue to be closely involved in the works at these sites until such time as the risk profile reduces.

A review of mitigation measures (including for FCWS) in the Biodiversity Management Plan (BMP) in April found that in respect of these measures, the BMP was being implemented. Some opportunities for improvement to the mitigation measures in the BMP (not related to FCWS) were identified that could be addressed in the next revision of the plan.

Seven environmental incidents were recorded by ARTC during April including five (related to FCWS encounters) reported to DAWE. A sixth incident (FCWS fatality) required reporting to both DPE and DAWE.

There were thirteen complaints recorded during April, two of which remained open by the end of the month. Complaints regarding driver behaviour related issues need to be targeted in pre start / toolbox talks and / or disciplinary action taken if required to prevent recurrences.

Sixteen Minor Ancillary Facilities, most located in Stage 1, were approved by the ER in April.

Revision 2 of the Traffic, Transport and Access Management Plan was endorsed by the ER in April.

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## 2. BACKGROUND

The Australian Rail Track Corporation (ARTC) is responsible for the delivery of the Inland Rail – Narrabri to North Star Phase 1 Project (the Project). Trans4m Rail (a joint venture between John Holland and See Civil) is the Principal Contractor constructing the Project.

Approval of the Project was granted by the Minister for Planning and Public Spaces on 13 January 2020 (State Significant Infrastructure 7474), subject to a number of Conditions of Approval (CoA).

In accordance with CoA A24, WolfPeak were approved as the Project's Environmental Representatives (ER) by the Department of Planning, Industry and Environment (the Department, or DPIE) on 13 December 2020.

CoA A28(j) requires that for the duration of the works until 12 months after the completion of construction, the approved ER must prepare and submit to the Planning Secretary and other relevant regulatory agencies, for information, an Environmental Representative Monthly Report providing the information set out in the Environmental Representative Protocol under the heading "Environmental Representative Monthly Reports." The Environmental Representative Monthly Report must be submitted within seven (7) calendar days following the end of each month for the duration of the ER's engagement for the CSSI.

This Report has been prepared in accordance with CoA A28(j), covering the period from 1 to 30 April 2022.



## 3. **PROJECT ACTIVITIES**

During April construction work commenced in Stage 1 and main construction continued in Stages 2 & 3 as outlined in Table 1 below.

### 3.1 Minor construction ancillary facilities

Minor Ancillary Facilities (MAF) were established in April at:

- Tackinbri Creek
- Yallaroi Lime Storage (updated)
- Woolabrar Caravan
- Chainage 578 Gate 2 Caravan
- Chainage 596.6 Moree Road

### **3.2 Construction works, including upcoming works**

The construction works undertaken in April 2022 and scheduled for May2022 are presented in Table 2.

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#### Table 2: Construction works, including upcoming works

April 2022 – Works Completed	May 2022 – Works Planned
<u>Stage 1 (CH574.700 - CH625.500)</u>	Stage 1 (CH574.700 - CH625.500)
Establishment of priority Minor Ancillary Facilities within Stage 1.	<ul> <li>Complete the stripping, stacking and loading out of rail, sleepers and jewellery within Stage 1.</li> </ul>
• Stripping, stacking and loading out of rail, sleepers and jewellery commenced through Stage 1.	<ul> <li>Continue stripping topsoil within Stage 1, based on priority locations.</li> </ul>
• Stripping of topsoil at priority locations, approx. 17,000lm (both sides) stripped in April.	• Continue bulk earthworks within Stage 1, based on priority locations.
<ul> <li>Bulk earthworks (incl. foundation treatment) commenced at priority locations.</li> </ul>	<ul> <li>Demolish culverts throughout Stage 1, including the culverts at Spring and Tookey Creeks.</li> </ul>
Demolition of the existing bridges at Bobbiwaa and Ten Mile Creeks completed.	Commence piling at Ten Mile Creek and Bobbiwaa Creek.
The temporary piling pad at Ten Mile Creek has been constructed.	Commence construction of access gates     within Stage 1.
• Demolition of the existing culverts at priority locations throughout Stage 1.	<u>Stage 2Ai (CH625.700 – CH641.900) &amp;</u> <u>Stage 2Aii (CH647.000 - CH658.000)</u>
Establishment of controls at Spring Creek and Tookey Creek in preparation for the	Completion of fence installation within Stage 2Ai and ii.
demolition and construction of these culverts.	Complete the installation of the Combined Services Route (Waterloo) installation.
<u>Stage 2Ai (CH625.700 – CH641.900) &amp; Stage</u> <u>2Aii (CH647.000 - CH658.000)</u>	<ul> <li>Weed management activities within Stage 2Ai and ii.</li> </ul>
Fence installation.	Stage 2B
Continue with combined Services Route     (Waterloo) installation.	<ul> <li>Bulk earthworks continue across entire alignment of Stage 2B.</li> </ul>
Stage 2B	Demolition of existing culverts.
Establishment of priority Minor Ancillary Facilities.	Commencement of construction of culvert foundations and base slabs.
All rail and sleeper stripping and signalling removal activities completed.	<u>Stage 3 (CH681.000 – CH760.500)</u>
<ul> <li>Stripping of topsoil completed within all Stage 2B.</li> </ul>	<ul> <li>Continue placing capping material in the small sections from CH725 – CH739 and proceed north of CH739.</li> </ul>
Bulk earthworks including foundation treatment commenced.	<ul> <li>Continue placement of bottom ballast north of CH735.</li> </ul>
<u>Stage 3 (CH681.000 – CH760.500)</u>	Removal of the temporary works at Croppa
• Bulk earthworks completed within Stage 3.	Creek and Croppa Trib Bridge locations.
<ul> <li>Capping completed from CH681 – CH739, with some small sections north of CH725 still requiring capping.</li> </ul>	<ul> <li>Complete the remaining culverts between CH742 – CH760.</li> </ul>



Botto     CH71	m ballast placed from CH681 – 18.	•	Completion of landscape treatment from CH681 – 707.
sleep	blaced from CH681 – CH718 and bers laid from CH725 - CH730 (directly capping).		
Remo     Creel	oval of temporary works at Yallaroi k.		
••••	nue with the construction of culverts CH742.000 north.		
	pa Creek Bridge: Final pour of span 1 nstallation of handrails.		
	aration for landscape treatment from 31 – CH707.		

## 3.3 Changes to the Project

A modification is currently being prepared to amend the SPIR project boundary.

## 3.4 **Community consultation and complaints received**

A summary of the community consultation activities undertaken on the Project during April is provided in Table 3 below.



#### Table 3: Community Engagement Summary

ENGAGEMENT CHANNEL AND VOLUME	PURPOSE
127 Emails and 97 Phone Calls	Fencing conversations, stakeholder interactions, property
	access
4 Website updates	Anzac Day attendance. What is a turnout? TAFE
	partnership opportunities. Construction update
5 Meeting with Councils	Extraordinary NSC LEMC Meeting, MPSC project interface,
	Council catch ups
17 Face to Face Stakeholder Meetings	Spray protocol, sighting distances, temporary occupancies,
	fencing, property discussions
4 Community Info Sessions	TAFE Industry event, Narrabri Industrial Network, Narrabri
	Community Chamber of Commerce, Bellata community
	information session
1 Media events	Moree SAP announcement
18 Works Notification	Individual LX upgrades, rail bridge upgrades
5 Agency Interactions	Narrabri Local Aboriginal Land Council, TfNSW, LLS,
	Telstra

There were 13 complaints recorded in April 2022 (compared to 7 in March 2022), of which 2 are yet to be closed out.

I note 3 complaints regarding driver behaviour related issues which should be targeted in pre start / toolbox talks and / or disciplinary action taken if required to prevent recurrences.

The current complaints / enquiries register is provided at Appendix A.

#### 3.4.1 Incidents

7 environmental incidents (compared to 6 in March 2022) were recorded by ARTC during April including:

- Five FCWS relocation events between 602.95 and 629.85 (reportable to DAWE)
- One FCWS fatality at CH628.55 (reported to DPE & DAWE)
- One concrete wash out at Croppa Creek Bridge (negligible environmental impact / not reported)

#### 3.4.2 Non-compliances

There were no known non-compliances with the CoA during April.

#### 3.5 Lessons learned

An environmental Lessons Learned Workshop from 2021 was facilitated by Trans4m and ARTC using the Collective Insight process. Senior Trans4m construction team participated in part to help shape and identify ways to help support the implementation of these actions.

Some of the key outcomes from the workshop were:



- Lack of evidence of Trans4m corporate audit processes being carried out. Audits not well documented and patchy implementation of Corporate Audit schedule. *Action: Trans4m Project Director to drive Corporate Audit schedule*
- Recording of Daily Site Supervisor Diary inspections in PPW varies in quality and often low or no environmental coverage. Action: Trans4m to amend Site Diary inspection format to include more project specific and targeted environmental items and ER to review implementation
- Good incident reporting culture in relation to initial notification of incidents by Trans4m to ARTC and ER. Event reporting data is high quality and there was a positive response to earlier (2021) piling pad overtopping events that resulted to improvements in the design of the pads which has been transferred to Stage 1.

## 4. ER ACTIVITIES

# 4.1 Advice provided to the Proponent on the CoA and other authority conditions

Advice / approval documentation provided by the ER during the reporting period is included in Appendix B.

#### 4.1.1 Information / advice requests

During the reporting period the ER provided advice on / reviewed:

- Endorsed OOHW in high risk locations in Stage 1, 2 and 3
- Endorsed Revision 2 of the TTAMP
- Reviewed a Consistency Assessment (no comments arising) in relation to Gate Access in Stage 1

#### 4.1.2 Ancillary facilities

There were 16 MAFs (most in Stage 1 area) approved by the ER in April at:

- Bobbiwaa Ballast and Caravan (2 MAFs)
- Boggy Creek
- Ch578 Ballast
- Ch656.6 Ballast
- Clump Road
- Croppa Creek South
- Edgeroi
- Galathera Lane
- Penneys Road Ballast



- Tapscott Road
- Tarlee Caravan
- Tremayne
- Waterloo 2 Ballast
- Woolabrar Ballast and Caravan (2 MAFs)

### 4.2 Environmental management plans and programs

#### 4.2.1 Development

The CEMP and sub plans for the Project were approved by the Secretary's nominee on 7 April 2021. All of the sub plans have been revised and approved progressively since then.

#### 4.2.2 Implementation

A review of mitigation measures (including for FCWS) in the Biodiversity Management Plan (BMP) in April found that in respect of these measures, the BMP was being implemented. Some opportunities for improvement to the mitigation measures in the BMP (not related to FCWS) were identified that could be addressed in the next revision of the plan. These are outlined in the ER inspection report in Appendix C.

#### 4.2.3 Site inspections

A site inspection took place on 20 April, (Appendix C) focussing on Stage 1 housekeeping, No Go Zones and erosion and sediment controls (ERSED). The inspection scheduled for 6 April had to be cancelled due the ER having to self-isolate under Covid rules.

Housekeeping, No Go Zone signage and ERSED controls at the Stage 1 sites (10 Mile and Spring Creeks) inspected was excellent. Well presented, visually appealing and concise environmental guidance (posters, wall charts, etc) was installed in prominent locations within the site office at the sign in MAF.

Given the higher environmental risk profile associated with the establishment of the piling pads at 10 Mile and Spring Creeks, it was recommended that the CPESC continue to be closely involved in the works at these sites until such time as the risk profile reduces.

#### 4.2.4 Audits

No audits were conducted during April on the Project.

#### 4.2.5 Complaint resolution by ER

Nothing to report.

#### 4.2.6 Meetings



Weekly Project Environment Team meetings have been established with environmental and management representatives from ARTC, Trans4m Rail and the ER. In addition to the issues outlined in Section 4.1, the meetings discussed the development of environmental plans and programs and requirements to be fulfilled during construction. The meetings continued through April 2022.

#### 4.2.7 Documentation issued

Documentation issued by the ER is provided in Appendix B.

#### 4.2.8 Communications with the Secretary

Other than the submission of the ER Monthly Reports, there have been no other written communications with the Secretary.



## 5. ENVIRONMENTAL PERFORMANCE OF THE PROJECT

Housekeeping, No Go Zones and ERSED controls at all of the Stage 1 sites inspected during April was excellent. Well presented, visually appealing and concise environmental guidance (posters, wall charts, etc) was installed in prominent locations within the site offices at MAFs in Stage 1.

Given the higher environmental risk profile associated with the establishment of the piling pads at 10 Mile and Spring Creeks, it was recommended that the CPESC continue to be closely involved in the works at these sites until such time as the risk profile reduces.

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Seven environmental incidents were recorded by ARTC during April including six (related to FCWS encounters) reported to various agencies. Only incident (FCWS fatality) required reporting to DPE.

There were thirteen complaints recorded during April, two of which remained open by the end of the month. Complaints regarding driver behaviour related issues need to be targeted in pre start / toolbox talks and / or disciplinary action taken if required to prevent recurrences.



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## **APPENDIX A – COMPLAINTS REGISTER**

No.	Date received	Time recei Ved/i nitiat ed		Unique	Details of Complaint	Response to Complaint	Method of Response	Date Responded	Time Responded/res olved	co
Week conclud	ding 8th January  - O o	complaints received	d						1	
1	ding 15th January - 1 14 January 2021 ding 22nd January - (	5pm Guley Site	20756 o		Enquiry regarding Gurley Site operation during formation trial.	Detailed conversation and approach agreed by Site Operator and Construction Manager. Stakeholder satisfied with response from team.	Face2Face	14 January 2021	5.45pm	
0	× ·									
1	ding 29nd January - 1 27 January 2021 ding 5 February - 2 co	3pm hotline	13067		Complainant indicated we are trespassing and not talking to her or her family.	Inland Rail have spoken to the Stakeholder regarding Native Title concerns. Landowner is known to Inland Rail and has spoken on a number of occasions. Stakeholder satisfied with response. Inland Rail remains open to ongoing consultation with an effort to reach a resolution.	Telephone call	27 January 2021	4pm	
1	3 February 2021	3.48pr email	DPIE		Enquiry: Local Moree contractor, inquiring as to the degree of local tenders being accepted by Trans4m Rail. There was the suggestion made that perhaps they weren't 'walking the talk'.	IR provided response to the Department outlining procurement process/steps being undertaken by IR's contractor (Trans4m Rail). Stakeholder satisfied with response.	Telephone call	4 February 2021	5.34pm	
2 Week conclud	25 January 2021 ding 12 February - 1		12933		Enquiry: Stakeholder raised concerns with impacts of construction on an already poor telecommunications network. How will this impact their operations?	Inland Rail met with stakeholder to provide update on internal and external discussions on this issue. Discussions ongoing.	Face2Face	15 February 2021	5.30pm	
1	9 February 2021 ding 19 February 2021	11am hotline	39662		Enquiry into how traditional owners are being contacted and what employment opportunities are available for Local Indigenous People.	Inland Rail have spoken to the stakeholder regarding Native Title concerns, as well as explained how the Moree skills academy is getting indigenous community ready to work on the project.	Face2Face	10 February 2021	3pm	
0 Week conclus	ding 26 February - 1	complaint receiver	4							
1	22 February 2021 ding 5 March - 1 con	9am hotline	39662		Enquiry into local Indigenous employment and supplier opportunities.	IR requested the contractor speak to the complainant to outlining procurement process/steps being undertaken by the contractor.	Face2Face	23 February 2021	11am	
1	5 March 2021	10am Walk-in	13067		Stakeholder claims that IR have all failed and failed to engage with the traditional owners of Moree. While the stakeholder stated that they would not speak with the IR representative, the stakeholder did state that they proposed to make a "class action" against Inland Rail for not engaging with the "traditional owners of Moree" and that the claim would include a 50km radius of Moree and that the "North Star mob" would also be submitting a "class action". Stakeholder did not provide specifics of the claim.	Inland Rail offered a meeting which was refused. Stakeholder suggested further discussions should be held with her solicitor.	Telephone call	5 March 2021	10am	
Week conclud	ding 12 March - 0 co	omplaint received								
	ding 19 March - 0 co	omplaint received	1						1	1
0 Week conclud	ding 26 March - 0 co	omplaint received								
0 Week concluc	ding 01 April - 0 com	nplaint received								
0 Work consist	ding 09 April - 1 com									
1	2 April 2021 ding 16 April - 1 com	4pm SMS	15268		Enquiry into status of land access agreement. The rail line is inaccessible by road except through stakeholder's land and Contractor is requesting access before design issues have been resolved by the ARTC Project team.	Stakeholder's concerns will be escalated within IR. IR offered to bring forward meeting with stakeholder in which design issues will be addressed.	SMS	3 April 2021	2pm	
0 Week conclud	ding 24 April - 0 com	plaint received								
0	ding 30 April - 1 com									
1	29 April 2021 ding 7 May - 1 compl	10.15a Phone- in -	13067		Stakeholder raised an issue regarding a cultural heritage issue in Moree –that others are working on country without knowledge or appropriate approval. IR have spoken to this stakeholder regarding the same issue previously.	IR explained that the guidelines provided for the cultural Heritage investigations and urged her to contact NTSCorp (lawyers for the NT applicant) to discuss with them.	Phone - out	29 April 2021	2.32pm	IR indicated Representat get back to I stakeholder
1	30 April 2021	10am email	22876		During the recent flood event, stakeholder had ballast through his paddock and a blocked culvert.	Inland Rail asked Trans4m Rail to go on site, inspect and remove excess ballast. This occurred on Tuesday and farm manager has sign off on the works.	Face2Face	2 May 2021	morning	
	ding 14 May - 2 com		49130		Stakeholder accusation of a threat of physical violence from an identified contractor	Accused individual has not worked for the contractor for several weeks. Recommended that they go to the			6pm	
1	13 May 2021	4pm Hotline	13665		employee. Stakeholder provided photos of a blocked culvert and missing ballast due to flooding.	police. The culverts at Coolleearlee will be unblocked as soon as possible. The hanging rail/lack of ballast will be fixed with main construction which is expected within a few months. The existing culverts will be replaced with a larger concrete box culvert which will allow for a better flow through in	call	13 May 2021	11am	
2 Week conclud	10 May 2021 ding 21 May - 1 comp	9am Social PinP plaints received	d		Requested better/more culverts in the area.	flooding events.	email and Call	14 May 2021	1	
1	14 April 2021 ding 28 May - 0 comp	2pm Call to Con	20801 ti		Stakeholder would like to better understand if vibration from the trains post construction and how it may affect/damage his house.	Stakeholder informed that home will not be affected vibration or only to a negligible degree, well short of risking damage to his house. Follow up meeting to be scheduled when stakeholder is the area to explain further.	email	19 May 2021	3pm	
0										
Week conclud 0	ding 06 June - 0 com	plaints received								
	ding 11 June - 0 comp	plaints received	1	1					1	I
0 Week conclud	ding 18 June - 0 comp	plaints received	1							
1	15 July 2021 ding <b>25 June - 0 co</b> mp	12no on email	12763		Request for compensation for livestock injury due to laydown and rail.	Compsensation in review.		17/09/2021		Escalated to compensati

complaints escalation	procedure/timeframe	Status of Complaint
		1
		Closed out
		1
		Closed out
		Classed out
		Closed out
		closed out
		Closed out
		Closed out
		closed out
	IR CH commuincated to stakeholderr and offered F2F meeting and not taken up within 28 days	Closed out
	I	
		, I
		ļ
		Closed out
		1
dicated that would find out who the esentative Aboriginal Parties are and ack to her. IR have provided holder this information previously.	IR CH commuincated to stakeholderr and offered F2F meeting and not taken up within 28 days	Closed out
		Closed out
		Closed out
		Closed out
		Closed out
		·
	1	<u> </u>
	I	
ated to procurement and pensation amount accepted	Invoice processed 17 Sept with 7 day payment as per normal ARTC payment procedure	Closed out

					A	ARTC noise mitigation is for operational noise not construction. Various informal discussions (29/10) occurred					Г
						with Peter regarding options. Some of these included:					
						window glazing (not supported until noise assessment undertaken),				Landowner meeting on 26/11 - agreed on	
				25		Palternative accommodation and;				fencing mitigation for house. IR advised	
1				25		Ifencing options. (Peter has since advised the fencing around the workers accommodation with safety being the priority - He has requested basic chain wire fencing or the like to keep kids and dogs safe within the yard whilst				operational noise and vibration assesment will occur in coming two	
						construction works and operational works are undertaken.				months.	
						·					
	21 July 2021	SMS			Request for noise mitigation due to construction. A	A formal discussion on fencing around the workers accommodation still needs to occur.	F2F	29 October 2021			
Week conclu	iding 2 July- 0 complai	nts received phone call	1							1	<b>—</b>
1	28 July 2021	16hrs in	13659	26	LX3153 was not accessible due to earthworks.	Contractor coordinated with on-site super to arrange access ASAP.	Call out	28 July 2021	within the hour		
Week conclu	ding 9 July- 0 complai							,	noui	I	
0											
Week conclu	iding 16 July- 0 compla	ints received								•	
0											
Week conclu	iding 23 July- 1 compla	int received	1				1	I I		Ι	<del></del>
1			12017						11am		
						Contractor advised the site inspected then a potential grade undertaken Friday 23 July or early next week					
Week conclu	18 July 2021 Iding 30 July- 1 compla	10pm email			heavy rain. pe	pending dry weather. Contractor to determine if wash out points also need some gravel dumped.	call	19 July 2021			L
	luing 50 July- 1 compla		1								Г
1	23 July 2021	Noon email in		24	ROAD DAMAGE GSC - GIL GIL CREEK RD - TRUCK ON WET ROAD.	Dn-site inspection to occur once rain stops. Alex Eddy has agreed to assess impacts on Monday 26 July.	email	23 July 2021	2pm		
Week conclu	ding 6 August - 0 com	plaint received		1						1	
0											
Week conclu	iding 13 August - 0 con	nplaint received	1		1		1	гг		1	<del>—</del>
0	ding 20 August 1						I				
Week conclu	iding 20 August - 4 con	nplaint received	1		In	nformation passed onto construction crews immediately. IR met landowner to determine fencing	T	[ [			<b>—</b>
1	17/8/2021	1pm Call in	12036	29		requirements, contractor briefed internally importance of gates being closed.	Call in	19/8/2021	10am		
2		Call to	12602	20	Stakeholder believes that construction should halt due to Covid lockdown as new people				0.000		
2	17/8/2021	9am contractor	12603	28	coming to down poses an unacceptable risk.	Response did not allay concerns. While Contractor is working lawfully, this has not satisfied landowner.	Call in	17/8/2021	9am		
3	16/9/2021	12no Call to	14371	27	Cata left apon	Contractor Internal Interference highlighted importance of gates being sloced Landowner informed of briefing	CNAC	17/0/2021	9am		
	16/8/2021	on contractor SMS to			Gate left open. Co	Contractor Internal briefing: highlighted importance of gates being closed. Landowner informed of briefing.	SMS Contractor	17/8/2021			
4	17/8/2021	11am contractor	46729	30	Contractor dewater pipe is flooding paddock.	Contractor Environment team relocated the pipe. Informed landowner.	called out	19 August 2021	12noon		
Week conclu	iding 27 August - 2 con						1	, <u> </u>			-
1		SMS to	14371	31			Contractor		14pm		
-	23/08/2021	2pm contractor	110/1		Gate left open again. Co	Contractor called stakeholder to apologise - sent internal comms highlighting issue.	called out	23/08/2021	1 (p.).		-
2											
		Email to	31678	22						IR met MPSC (Wed 15 Sent) this action	1
-	22/08/2021	Email to 11am Contractor	31678	33	Concern with the hydrology design around Gurley Creek Road causing unexpected flooding.	Contractor sent to IR - IR to provide hydrology report - Meeting pending with Council.				IR met MPSC (Wed 15 Sept) this action now sits outside IR and is with Council	
	22/08/2021 ding 03 September- 1	11am Contractor		33	Concern with the hydrology design around Gurley Creek Road causing unexpected flooding.	Contractor sent to IR - IR to provide hydrology report - Meeting pending with Council.					
		11am Contractor		33	Concern with the hydrology design around Gurley Creek Road causing unexpected flooding.	Contractor sent to IR - IR to provide hydrology report - Meeting pending with Council.				now sits outside IR and is with Council	 
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		Landowner meeting on 26/11 - agreed on fencing mitigation for house. IR advised operational noise and vibration assesment will occur in coming two months.		
ober 2021				Ongoing
ly 2021	within the hour			Closed out
	11am			
ly 2021				Closed out
ily 2021	2pm			Closed out
.,				
8/2021	10am			Closed out
3/2021	9am			Closed out
3/2021	9am			Closed out
gust 2021	12noon			Closed out
8/2021	14pm			Closed out
		IR met MPSC (Wed 15 Sept) this action now sits outside IR and is with Council		Closed out
3/2021	2pm	IR, Contractor and GSC have an agreed roads maintenance approach and implemented an ongoing monitoring procedure	Met Oct 6th, next meeting Oct 20th - Contractor Actions: establish critical routes, Tour of Stage 2, Provide Construction info pack,. Meetings have occurred rgulaliry between both parties.	Closed out
		IR, Contractor and GSC have an agreed		
mber 2021	1pm	roads maintenance approach and implemented an ongoing monitoring procedure	Met Oct 6th, next meeting Oct 20th - Contractor Actions: establish critical routes, Tour of Stage 2, Provide Construction info pack,	Closed out
mber 2021	7am			Closed out
	11am	22/09 -IR met wth GSC. @ Contractor to provide mitigation measure to council. 30/11/ -GSC and contractor have agreed to a joint road repair program. Program was communicated with landowner who		
9/2021		was satisfied with the approach.		Closed out
mber 2021	2pm			Closed out
9/2021	10am	Action sits outside IR - Meeting set for member for Parks Office -	IR will wait to receive formal corro from MP's Office	Closed out
			l	I
ly 2021	1300			Closed out
and 15/10/2021	11am	none		Closed out
gust 2021	11am	none		Closed out

Week conclu	ding 22 October - 1 co	mnlair	ts received								
week conclu	laing 22 October - 1 co	mpiair	its received								
1				7528	58704			Voice Mail		5pm	IR advised
	21/10/2021	5pm	Call to contractor				Further Contractor briefing on the issue, with contractor project director highlighting it's importance for social contract. Community meeting planned in the area and will be incorportaed into the agenda	from Contractor	21/10/2021		info session plates of su
Week conclu	ding 29 October - 7 co							•			r
			Callata				Contractor apologised for the incident. Contractor Enviro team are undertaking works to remove pickets near			_	Landowner
1	25/10/2021	2pm	Call to contractor	7533	20802		crops. Stakeholder confirmed they removed others. Contractor to inform IR when works is completed in all of Stage 3.	Call	25/10/2021	5pm	Director. IR discuss nex
											Contractor
2				7534	?					2pm	council to e stakeholde
			Call to								investigatio
	27/10/2021	2pm	contractor			Cyclist concerned about driver behaviour	Contractor investigated and advised stakeholder that speed and driver behavior education program is ongoing	Call	27/10/2021		up require
3			SMS to	7536	12017	Stakeholder informed contractor that the location of Survey Pegs on road alignment hazzard	Contradctor advised stakeholder to remove any pegs and a staff memeber will be onsite to tomorrow to remove			7pm	No esculati removal of
5	27/10/2021	11am	contractor	/ 550	12017		any more. Contractor working with survey team to find better solution which is not a risk to machinary.	Call	27/10/2021	7 pm	contraction
4				7535	13702					11am	Stakeholde Contractor
-			Email to	/ 555		Driving outside Boundaries into paddock, blocked dam blocking access to paddock, overloaded	Boundaries: adding additional flagging today; Dam: Raised with earthworks super; Telecoms: well known issue,	Contractor		110111	measures
	26/10/21	11am	contractor			telecomms, weeds in the corridor,.	senior leadership aware, no immidiate solution; Weeds: Contractor will spray this week .	sent email	28/10/2021		Ongoing re
							Landowner understood that in this particular case it was for emergency access however he still thought the				
5				7537	12036		project needs to advise their staff of the no access through his private property. Unauthorized Access is an				
	25/10/2021	Noon	Call			Stakeholdes concerns with contractor use of private road	ongoing issue - IR will produce further signage to re-enforce private property - no access.	Call	25/10/2021	Noon	<u> </u>
6				7538	58972	Interruption to electricity on scheduled EE outage in the Bellata zone, resulting in disruption				4pm	
	27/10/2021	5pm	Email in			GrainCorp/harvest operations.	Outage postponed until March-2022.	Email out	28/10/2021	-	Stakenoide
7				7539	13702		Contractor informed stakeholder that flagging is to show boundary is being completed today, and will inform			11am	Contractor
	29/10/2021		Email in			Driving outside boundaries into paddock.	when they are finished. The issue will be raised at internal meetings to highlight issue and landholder concerns.	Email out	29/10/2021		measures a
Week conclu	ding 5 November - 3 c	ompla I	ints received		1			1			T
1				7541	12170						
	2 November 2021	3pm	Call			Cultural Heritage artifacts have been removed and should be displayed for tourism purposes. Stakeholder unhappy that she was not informed sooner about the laydown (in the corridor) at	Artifacts are stored in Sydney and will be returned.	Call			Escalated t
2				7542	38425		Informed stakeholder about delivery schedule and what will not be stored on the pad. investigations will			3pm	
	2 November 2021	1pm	Call T21/attend			concern about the 5th Nov power outage affecting harvest.	continue and will inform the traffic management plan.	Email	12 November 2021		
3			ed media	7543	37313						Escualted t
Week eendu	1 November 2021 ding 12 November - 3		event	<u>ا</u>		Stakeholder upset at recent Cultural Heritage incidents.	Ongoing concerns - CH issues will be dealt at the program level.	F2F			for direct li
week conclu	ang 12 November - 3	compi							[]		<u> </u>
				75.45	50407	Moree shopkeeper asked Indegenous Trans4m Rail staff member to update him on recent travels relating to current COVID concerns in the community. Contractor staff took offence					
1				7545	59107	and was visibly agitated with the owner. Owner called IR to complain anbout contractors	Contractor advised IR the staff member did not work on the project at the time of the incident. This wsa			3pm	
	9 November 2021	3pm	F2F			behaviour.	communicated back to the shop owner.	Email	10 December 2021		Gravel has
											contractor
2	0 November 2021	11	Ch 4C	7546	40700	Holes/low spots left near level crossing caused by contractor truck movements creating risk to		535	10 November 2021	multiple	Gravel laye
	9 November 2021	11am	SIVIS		13702	harvest truck movements - request for gravel to fill them.	Contractor pumped water out of holes and will continue monitoring. Heavy rain expected.	F2F	10 November 2021		with outco
3	12 November 2021	0.2m	CNAC	7548	7520	Perecived Interruption to weed spraying by contractor, causing delay.	Contractor informed IR and wider team of access as per spraying protocol	Email	12 November 2021	noon	
Week conclu	ding 19 November - 3			d d		referived interruption to weed spraying by contractor, causing delay.	contractor informed in and wider team of access as per spraying protocol	Linan	12 NOVEMBER 2021		1
			Call to								
1	15 November 2021	0.000	hotline and email	7549	27906	Extra water on little Bumble Creek causing standing water in paddock risking livestock.	IR called stakeholder, arranging a face-to-face meeting on Monday onsite.	Email and Call	15 November 2021	4pm	IR and stak
	15 November 2021	9am	eman			Extra water on little bumble creek causing standing water in paddock risking ilvestock.		Effidit affu Call	15 NOVEITIBET 2021		further inv
2	18 November 2021	700	email	7550	59260	Speeding in Crooble, claim of trucks going 100kph in a 60 zone.	Contractor addressed speeing in Tool box and internal briefing specifically addressing driver behavious and community safety.	Email and Call	2 December 2021	10.30am	no esculati
	18 NOVERIDER 2021	7pm	eman			Aboriginal Elder stakeholder raised concerns about contractor covid requirements for	community salety.	Effidit affu Call	2 December 2021		no esculati
3			email to	7551	59260	worker/potential workers and that some workers don't have contracts stating leave and WHS					No further
14/	19 November 2021 ding 26 November - 0	on	DPIE			requirements	IR responded to DPIE addressing concerns	Email	23 November 2021		stage
0	aing 26 November - 0	compi						1			1
	ding 3 December - 0 c	l omplai	nts received	1	1	1		1	I		1
0											1
Week conclu	ding 10 December - 3	compla	aints receive	d				1	1		1
	_		525				contractor to provide Turtner information regarding specific level crossing design and safety reatures and will	525ith			
1	7 December 2021	2pm	F2F with Contractor	7551	59381	Raised safety concerns/sight distances around Level Crossings near North Star School	involve local council to ask if clearing vegetation would improve sight lines. Contractor met school stakeholder on 16/12. Stakehdoer will promote safety messages in the school.	F2F with Contractor	7 December 2021	2pm	Ir to Meet
			525				contractor assuraed stakenoider that roads would be left as they were round or better ( as per agreement with	525ith			
2	7 December 2021	3pm	F2F with Contractor	7552	12037	Trucks are damaging local roads	council). Flooding condititions have damaged roads more than expected. Contractor to contact council to discuss current road conditions and develop a plan for maintenance.	F2F with Contractor	7 December 2021	3pm	
			Empilito					Contractor		_	
3	8 December 2021	2pm	Email to Contractor	7554	58520	Contractor speeding in Crooble. Request for better signage	Email to inform stakeholder of measures to reduce speeding such as driver education programes	Contractor email	8 December 2021	5pm	
	-		F2F with								
4	9 December 2021	1pm	F2F with Contractor	7553	12763		Fencing and gate design in the area being refined with ARTC and T4MR whoch would allow stock crossing at LX 922	Meeting	7 December 2021	1pm	1
Week conclu	ding 17 December - 3			d	•	. ~					•
		12	En l'								[
1	15 December 2021	12no on	Email to Contractor	7555	21796		Contractor has informed senior management who will provide oversight, SMS to all contractors asking to drive to conditions. request to the stakeholder to get number plates of offending vehicles.	Email	15 December 2021	12noon	1
				7550				F2F with		12000-	1
2	22 December 2021	4pm	F2F	7559	12763	Construction has caused new waterflows and flooding stakeholder bike track	Contractor mobilised onsite to divert waterflow to the intended channel	Contractor	23 December 2021	12noon	<b> </b>
3	24 December 2022	5pm	Email in	7558	12796	Stakeholder complaining that new fencing is not constructed fast enough (old fencing has been removed)	emailed issued to contractor seeking construction schedule. Contractor emailed stakeholder stating timing and delays due to required survey and covid	Contractor email	18 January 2021	12noon	
				I		· · ·	, · · ·	•			

ed that there will be a community		
sion 8th Nov, and to list license f suspected speeding vehicles	Comminity Information Session planned Nov 8th	Closed out
- suspected specung venicles	community information bession planned Nov 801	Sidded out
ner conern escualted to IR		
r. IR Director to call landowner to		
next steps	W/C 13th to be resolved	Closed out
tor contracted stakeholder and		
to ensure safety and wellbeing of lder was followed up. Safety		
ation confirmed no further follow-		
ired		Closed out
lation, landowner satified with		
l of pegs, no further issue with		cl.
tion pathway		Closed out
lder concerns escualted to		
tor and IR Directors. Miitigaiton		
es agreed with stakeholder.		
g reviews required	Landowner meeting required w/c 6/12	Ongoing
		Closed out
		Closed and
ider concerns escuaited to		Closed out
tor and IR Directors. Miitigaiton		
es agreed with stakeholder.	Landowner meeting required w/c 6/12	Ongoing
	сн эроке то зтакепонаег оп Nov 3rd - аксиззеа	
	her ongoing issues and provided feedback on the	
ed to Cultural Heritage SME	outcomes of our investigations and the process	Ongoing
-	£	
		Closed out
		5.5564 บนเ
ed to IR Cutlrual Heritage Manager		
ct liaison with Stakeholder.	L	Ongoing
	[	
		Closed out
has been requested from		Siddeu Out
tor but rain delaying the fix.		
ayed 15/11 landowner satified		
tcome.		Closed out
		Closed out
takahalta		
takeholders met on site 26/11.		Ongoing
investigations are required.		Ongoing
lation required.		Closed out
In response required at the		
ner response required at t his		Closed out
	<b></b>	
et School and provide LX designs		Ongoing
		Closed out
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	l	Closed out
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		Closed out
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	luding 24 December - 0	compla	ints receive	d							
0 Week cond	luding 31 December - 0	compla	ints receive	d							
0				-							
	luding 7 January - 0 com	plaints	received								
0											
	luding 14 January - 0 co	nplaint	ts received								
0 Week.com	luding 21 January - 0 co	nolaint	s received								
0											
Week cond	luding 28 January - 1 co	nplaint	s received								
1	25 January 2022	10am	Call to	7562	67554	Contractor Ute kicked stone which damaged stakeholder car	Contractor advsied internal education around driver behaviour and to contact directly if any future concerns	Call from	25 January 2022	12noon	
Week conc	luding 4 February - 1 co		hotline					Contractor			
Week con		ipiani	F2F with					505 H			1
1	28 January 2022	10am	Contractor, Call in and	7564	12036	3 engagements - 2 F2F and one call in re: same issue - Landowner is denying access to public road due to ongoing outstanding issues he has with the design affecting his land/farming	Contractor passed on issues to ARTC. They are well known to ARTC discussions are continuing.	F2F with Contractor	28 January 2022	10am	Escatlated
Week cond	luding 11 February - 1 c	omplaiı						1			1
			F2F with		none	Stakeholders stated that the LX pads were fimsy when driving accross which creates a sizable					
1	08 February 2022	2pm	contractor	7574	recorde d	gap between the pad. This risks some drivers missing the pads and fall between the tracks risking injury.	Sent to Contractor for rectification	Call	10 February 2022	2pm	
Week cond	luding 18 February - 3 c	omplaiı	nts received					•	•	•	
1	14 February 2022	6.nm	Email to	7576	22000	landourner completing about duct offecting buriness	Additional mitigation maguzes (unterspects) on site. Natification also arguided in Daily heisf	Contractor	15 February 2022	10om	
1	14 February 2022	6pm	Contractor	7576	32009	landowner complainig about dust affecting business	Additional mitigation measures (watercarts) on site. Notification also provided in Daily brief.	email	15 February 2022	10am	
2	15 February 2022	3pm	SMS to Contractor	7577	46832	Stakeholder claims that IR ute (due to light on top) swiped stakehdoler car at speed, damaging wing mirror.	compensation due to car being unidentified	Call from Contractor	15 February 2022	10am	
3	11 February 2022	2pm	f2f	7579	70759	Stakeholder noted that Parthenium (a Weed of National Significance) was being slashed up to the verge, despite signage stating these are no-go zones. This weed's presence was not noted in the EIS.	Stop work order was issued immediately. IR to meeting stakeholder to agree on weed management measures and that stakeholder was asked to comment on the biodiversity plan and did not mention the presence of this protected weed.	f2f	11 February 2022	2pm	
Week cond	luding 25 February - 1 c	omplaiı	nts received								
1	23 February 2022	6pm	Face to	7580	12036	Stakeholder has level crossing design width issues and ongoing property concerns. Raised with	Discussions ongoing, Raised with senior management	f2f	23 February 2022	6pm	
Week cond	luding 4 March - 4 comp	laints r	eceived	I	1	senior management	1	1	1	1	1
			Call to					Call to			
1	27 February 2022	3pm	Contractor	7580	70839	Workers taking shortcut across vacant land to access work camp	Contractor identified offending vehicle, raisied at daily brief	contractor	27 February 2022	3pm	
2	28 February 2022	12no on	email to contractor	7581	38425	Workers partially obstructing driveway causing poor visibility at level crossing.	Traffic management plan is approval, onsite workers acknowledged fault. ARTC have advised landowner that this issue has been raised with the construction team and no further incidents have occurred at this site since	Email from contractor	28 February 2022	12noon	
3	28 February 2022	2pm	Call to contractor	7582	65389	degraded due to this increase in traffic and weather. Stakeholder requests regular road maintenance to maintain access for locals	ec28/3: 250T gravel was placed and the road was graded. Condition of road now satisfactory. Ongoing monitoring to occur	Call from Contractor	28 February 2022	2pm	
4	3 March 2022	12no on	Call to contractor	7584	63910,	Driveway Damaged due to contractor truck lost and bogged due to rain.	Driveway repaired immediately with digger. light vehicle parking area moved to ensure access. all relevent workers onformed of the importance of access in this area	F2F	3 March 2022	12noon	
Week cond	luding 11 March - 4 com	plaints	received						•		
1	9 March 2022	4pm	Call to	7916	32009	insufficint notification re: level crossing, dust, contractor heavy vehicles blocking access	commitment to improve communications and to inform construction crew about parking. Water carts to be	Call from	9 March 2022	4pm	
	0 Marsh 2022		contractor email to	7017	12020		monitored as already increased.	Contractor Email from	0 Marsh 2022		
2	8 March 2022	5pm	contractor	7917	12030	Damage to garden bed due to driveway being used to turn trucks	Complaints added to daily brief, addition info from stakeholder required to compensate/repair	contractor	8 March 2022	6pm	
3	10 March 2022	9am	SMS to Contractor	7918	68067	Swearing on UHF Channel	UHF channel changed, work crew advised of complaint, added to morning Brief	SMS from Contractor	10 March 2022	9am	
4	9 March 2022	9am	Call and email to contractor	7919	58520	Temporary road is too narrow due to grade with insufficient sight lines. rasied with Council also	Temporary road no longer required. Stakeholder and Council informed with photo evidence. Stakeholder still feels LX lacks signage and need veg removal. Onsite meeting held 25/3 with contractor and council	Email from contractor	09/03/2022, 18/03/2022, 25/03/2022	5pm	
Week cond	luding 18 March - 1 com	plaints	received		1				1		1
1	15 March 2022	10am	email to contractor	7920	67065	Stakeholder has concerns about Culvert design, LX design width, delayed payment for LX closure, weeds in containment areas, deliation of private land and corridor without fencing	Contractor informed landowner that they have passed on design issues (culverts, corridor deliation and LX) to ARTC. Contractor committed to spraying relevent areas.	Email from contractor	15 March 2022	11am	ongoing co
Complaint	s before 25 March - 1 co	nplaint	s received						•		
1	25 March 2022	10am	SMS	7922	12036	Contractor vehicle driving in the centre of the road not allowing overtaking	Contractor indentified driver and has been spoken to, stakeholder informed.	SMS	25 March 2022	12noon	
Complaint	s before 1 April- 1 compl	aints re	eceived			1	1	1	1	•	
1	1 April 2022	12no on	Email	7924	60748	Stakeholder reported sight obstruction as he enters his property from the Highway at speed. requests keeping the interface free of traffic/plant	IR acknowledge incident and the ongoing safety concerns and will work with the contractor to mitigate	Email out	1 April 2022	12noon	
Complaint	s before 8 April- 2 compl	aints re	eceived	-	-			1	1		1
1	5 April 2022	12no on	Call to Contractor	7926	32009	Pooling of water near driveway	Meeting with nearby residents held in 2021 reviewing drainage design. Confirmed the drainage works will occur in the next day, in preparation for next rain event. This is permanent works.	Call from Contractor	5 April 2022	2pm	
2	8 April 2022	on	Call to Contractor	7928	21004	Stakeholder is against Inland Rail and it's noise and vibration impact on his house.	Contractor explained that he was not triggered as an affected noise and vibreation reciever and constrcution would not compromise his house and that approvals from state and federal gov has already been recieved.	Call from Contractor	8 April 2022	12noon	
3	3 April 2022	12no on	SMS	7927	58767	Private land was used for works staging/briefing, with no approval or permission from the landowner.	IR spoke to contractor about complaint. IR apologised to stakeholder	Call	3 April 2022	`12noon	
Complaint	s before 14 April- 3 com	laints	received			here a second	1	1	1	•	
		12no	Call to					Call from			
1	9 April 2022	n	Contractor	7929	12036	Water pooling at LX, causing difficult access to farm plant	Immidiate dewatering occured onsite, followed by earthworks 2 days later.	Contractor	9 April 2022	12noon	

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ed to ARTC Snr Management	
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	Closed out
	closed out
	Closed out
	Closed out
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	Ongoing
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conversations, rain delaying work	Ongoing
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	closed out
	Closed out
	Closed out
	Closed out
	Closed out

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2	12 April 2022	12no n	Call to Contractor	7930	67065	Driver behvauour - Contractor trucks driving too fast. Stakeholder reminder to maintain the roadway after construction	Contractor to provide internal coms to slow down	Call from Contractor	12 April 2022	12noon	
3	14 April 2022	3pm	Call to Contractor	7931	12036	farm plant unable to cross LX, new waterway is now across farm	Site is prepperd for stabisation, onsite workers belive the road to be driveable - Earthworks supervisor arranged to meet with stakeholder the following morning (Good Friday). Note: regular on site discussion with earthworks crew, no additional concerns raised to date.	F2F	14-17 Apr 2022	n/a	
Complaints be	efore 22 April- 5 com	olaints	received								
1	19 April 2022	3pm	Call to Contractor	7932	63114	Trucks using paddock for turning	Investigation found no contractor trucks in the area. Internal comms told of importance of using official turning places	Call from Contractor	19 April 2022	4pm	
2	21 April 2022	2pm	Call to Contractor	7933	63010	Stakeholder concerned about road damage and pot hole on driveway. Contractor staff also seen giving an offensive finger gensture to stakeholder.	contractor advised that this behaviour is not acceptable and that it will be raised as an issue with Senior Management in addition to Tool Box briefings. Contractor also advised that she would have someone inspect the driveway to see if we can fill in the pot hole.	Call from Contractor	21 April 2022	4pm	
3	20 April 2022	10am	Call to Contractor	7934	37364	Stakeholder unhappy with the constrructed public LX width and his abaility to move plant	After being contacted with the final LX design, stakeholder was happy with the earth works undertaken by the project team and the final width of the crossing.	Call from Contractor	22 April 2022	4pm	
4	21 April 2022	4pm	Call to Contractor	7935	63038	Newly constructed fencing already falling over	contrcator to check current method and seek additional info to rectify	Call from Contractor	21 April 2022	4pm	
5	22 April 2022	8am	Call	7936	58520	Unhappy with dust next to Crooble hall casuing reduced visabilty for drivers would like daily water trucks	contractor arranged trucks in the area to be redirected to Crooble. confirmed that there is no deliveries on Sun and Mon. Contractor to monitor dust	Call	22 April 2022	8am	
Complaints be	efore 29 April- 2 com	olaints	received								
1	27 April 2022	3pm	Email to Contractor	7937	/2069	Stakeholder informed principle contractor of specific sub contractot drivingt too fast through township	Principle Contractor informed sub contractor of complaint and to change their driver behaviour. Contractor responsed to Social media comment	Social Media Comment	28 April 2022	12noon	
2											
											L
											L
											L
-	plaints since wee	k con	cluding 1	5 Janu	ary 202:	1					
76											

Total open Complaints since week concluding 15 January 2021
18

	Closed out
	Closed out
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	Ongoing
	Closed out
	Ongoing
	Closed out
	Closed out



## **APPENDIX B – DOCUMENTATION ISSUED BY ER**

# **Minor Ancillary Facility Checklist**

#### 1. Criteria for Minor Ancillary Facilities

The Project's Conditions of Approval (CoA) allows for the establishment and operation of Minor Ancillary Facilities on the Narrabri to North Star (N2NS) Project. Condition A21 states:

CoA A21 Facilities including lunch sheds, office sheds, material lay down sites, stockpile areas, areas used to assemble infrastructure, and portable toilet facilities can be established and operated where they satisfy the following criteria:

- (a) are located within the construction boundary; and
- (b) have been assessed by the ER to have
  - *i.* low amenity impacts to surrounding residences and businesses, after consideration of matters such as compliance with the interim Construction Noise Guideline (DECC, 2009), traffic and access impacts, dust and odour impacts and visual (including light) impacts, and
  - ii. Low environmental impact with respect to waste management and flooding, and
  - iii. No impacts on biodiversity, soil and water and heritage items beyond those already approved under the other terms of this approval.

This Minor Ancillary Facility Checklist has been prepared to assess the proposed Minor Ancillary Facility against the requirements of CoA A21 and all other environmental requirements. Mitigation measures have also been provided to ensure that any environmental risks or impacts to the Community are suitably managed.

These facilities will be located in accordance with the criteria listed in Table 2 and submitted to the Project's Environmental Representative (ER) for approval prior to site works commencing.

Site Name:	Minor Ancillary Facility (Bobbiwaa Ballast)
Location:	Junefield Road, (Narrabri, NSW)
Chainage:	CH585.93 - CH586.1
Program*:	Construction: March 2022 Occupation: March 2022 – December 2022
Land Use:	Crown Land within Rail & Road Alignment. (Designated RMS/TfNSW Laydown Area)
Footprint / Size:	<3,250m <sup>2</sup>
Use:	<ul> <li>Minor Ancillary Facility (Bobbiwaa Ballast) will be utilised for the following purposes:</li> <li>Trailer based (mobile) site office, port-o-loo and generator.</li> <li>Carparking for site personnel.</li> <li>Storage of construction plant and equipment.</li> <li>Top and Bottom Ballast Stockpiles (20t at any one time).</li> </ul>
Site Surroundings:	<ul> <li>Minor Ancillary Facility (Bobbiwaa Ballast) is surrounded by:</li> <li>North: Junefield Road, Bobbiwaa Creek, sparsely vegetated land and agricultural (cropping) land,</li> <li>East: Newell Hwy, agricultural (cropping) land, sparsely vegetated land.</li> <li>South: Sparsely vegetated land and agricultural (cropping) land,</li> <li>West: Rail alignment, agricultural (cropping) land, sparsely vegetated land</li> <li>Access to Minor Ancillary Facility (Bobbiwaa Ballast) will be provided North of the MAF via Junefield Road, at Gate 5, CH5861.1. See Appendix D for construction gate locations.</li> </ul>

#### Table 1: Minor Ancillary Facility – Site Description

	Entry/Exit will be operated as per Vehicle Movement Plan in Appendix E, facilitated under TfNSW Road Occupancy Licence, detailed in Appendix F.
Site Establishment Process:	<ul> <li>The below sets out the scope of works for the proposed Minor Ancillary Facility:</li> <li>The proposed footprint of the MAF will be demarcated in the field using hi-visibility flagging (or other approved method) and "No-Go Zone" signage.</li> <li>Topsoil will be stripped and utilised for erosion and sediment controls. The topsoil stockpiled / windrowed will be hand seeded.</li> <li>Establishment of the site's erosion and sediment controls will be progressively installed in accordance with the site's Progressive Erosion and Sediment Control Plan.</li> <li>Mobilisation of site facilities: The trailer based (caravan-style) site office, port-o-loo and generator will be mobilised to site.</li> <li>The site compound will be assessed in the field for visual impact to neighbouring sensitive receivers (including vehicular traffic). If the visual impact is deemed moderate or high, ATF style fencing or concrete/water-filled barriers and anti-gawking screens will be installed.</li> <li>NOTE: No bulk earthworks are required for the establishment of MAF (Bobbiwaa Ballast).</li> </ul>

\*NOTE: Subject to weather and unexpected site conditions

Table 2: Minor	Ancillary Facility - Criteria	

Criteria	Compliant (Y) Yes (N) No	Comments	
Located within the construction boundary as defined by the approval (CoA A21(a)).	Y	Minor Ancillary Facility (Bobbiwaa Ballast) occurs on land that occurs within the Project's Submission Preferred Infrastructure Report (SPIR) Construction Impact Zone and the CIZ – Construction WIP (20210909). Refer to Appendix A for the location.	
Compliance with the Interim Construction Noise Guideline (CoA	Y	Two sensitive (residential) receivers were identified within 1km of the proposed MAF (Bobbiwaa Ballast) site.	
A21(b)(i)		- 552.41m NN3_Rx0735 - 653.69m NNS_Rx0736	
		The TfNSW Noise Estimator Tool was used to predict the anticipated noise impact associated with the establishment of the proposed MAF (Bobbiwaa Ballast). One (1) noise scenario was run representing worse possible case scenario (i.e. the most noise intensive activity – operation) NOTE: The noise assessment assumes all plant / equipment will be operating simultaneously and operating at the nearest boundary to the landholder. The scenario being:	
		Scenario 1: MAF Operation (i.e Truck >20tonne, Front End Loader).	
		The extracts from the noise model are provided in Appendix C.	
		The findings of the noise assessment can be summarised by the following:	
		- Sensitive receivers are located at the following locations:	
		<ul> <li>CH586.5 (<i>NN3_Rx0735</i>), located 552.41m North-East of the proposed MAF. This sensitive receiver is expected to experience noise impacts of 32dB, which is 8dB below the daytime NML for the Project. Refer to Appendix C.</li> </ul>	

Criteria	Compliant (Y) Yes (N) No	Comments
		<ul> <li>CH586.5 (NN3_Rx0735), located 653.69m North-East of the MAF. This Sensitive Receiver is expected to experience noise impacts of 30dB, which is 10dB below the daytime NML for the project.</li> </ul>
		<ul> <li>The noise assessment also identified that no sensitive receivers will be highly noise impacted (&gt;75dB) by the works.</li> </ul>
		Prior to site establishment works commencing, all potentially impacted landholder/s will be consulted regarding potential noise impacts associated with the establishment and operation of MAF (Bobbiwaa Ballast).
At least 50m from watercourses and outside the 5% AEP flood zone (CoA A21(b)(ii))	Y	The proposed MAF (Bobbiwaa Ballast) is located approximately 148m South of Bobbiwaa Creek.
		The proposed MAF (Bobbiwaa Ballast) site lies outside the area impacted by the existing 5% AEP local (blue highlighted in Appendix A).
Not within areas identified as threatened communities or species habitats beyond those already approved under the terms of the project approval (CoA A21(b)(iii)	Y	<ul> <li>Approximately &lt;3,100m<sup>2</sup> (~95.4%) of the proposed MAF (Bobbiwaa Ballast) site is mapped as <ul> <li>Zone 0 – Cleared/Non-native Vegetation</li> </ul> </li> <li>Approximately &lt;150m<sup>2</sup> (~4.6%) of the MAF (Bobbiwaa Ballast) site is mapped as <ul> <li>Zone - 9 - PCT-135 BVT-BR284, NA271-Coobah - Western Rosewood low open tall shrubland or woodland mainly on outwash areas in the Brigalow Belt South Bioregion-Moderate - Good</li> </ul> </li> <li>All vegetation within the SPIR CIZ has been accounted for within the clearing limits detailed in CoA Table E1 and will be offset in accordance with ARTC's Biodiversity Offset Strategy.</li> </ul>
No significant impacts to utilities, primarily gas and electricity	Y	The establishment and operation of MAF (Bobbiwaa Ballast) will not result in significant impacts to existing gas, electrical, water or communications utilities.
Not on or near sites with known Aboriginal or non- Aboriginal heritage (CoA A21(b)(iii)	Y	No areas or items of Aboriginal or non-Aboriginal significance have been identified within the area impacted by the proposed MAF (Bobbiwaa Ballast) site. Highlighted in Appendix 2 Cultural Heritage, yellow indicates a desktop survey has occurred and cultural heritage is deemed to be cleared. The Aboriginal Cultural Heritage Management Plan, Narrabri to North Star – Separable Portion 1 (N2NS SP1), dated 18th December 2020 has been reviewed and there are no areas or items that require further
Safe access to the road network and rail corridor and low impacts on traffic and access (CoA A21(b)(i)	Y	salvage or survey. Access to Minor Ancillary Facility (Bobbiwaa Ballast) will be provided North of the MAF via Junefield Road, at Gate 5, CH5861.1. See Appendix D for construction gate locations. Entry/Exit will be operated as per Vehicle Movement Plan in Appendix E, facilitated under TfNSW Road Occupancy Licence, detailed in Appendix F.

Criteria	Compliant (Y) Yes (N) No	Comments
Relatively flat land	Y	Minor Ancillary Facility (Bobbiwaa Ballast) is located on relatively flat land with <1m fall across the site.
Low environmental impact with respect to waste management and flooding (CoA A21(b)(ii)	Y	<ul> <li>The establishment and operation of the proposed MAF (Bobbiwaa Ballast) will generate minor waste volumes. These waste streams will generally consist of the following: <ul> <li>Wastewater</li> <li>Wastepaper / cardboard</li> <li>Rubbish and debris</li> <li>Food waste</li> </ul> </li> <li>The volumes of waste generated will be reduced and reuse will be maximised by implementing the mitigation measures detailed in Section 2 below.</li> <li>Flooding risk has been addressed above.</li> </ul>
No impacts on biodiversity, soil and water, and heritage items beyond those already approved under SSI 7474 approval (CoA A21(b)(iii)	Y	The environmental impacts associated with the establishment and operation of Minor Ancillary Facility (Bobbiwaa Ballast) are considered minor and consistent with those impacts approved under SSI 7474.
Boundary screening around all facilities adjacent to and visible from sensitive receivers for the duration of use of the ancillary facility unless otherwise agreed with the relevant council and affected residents, business operators or landowners (COA A22)	Y	Minor Ancillary Facility (Bobbiwaa Ballast) will be assessed for visual impact from any surrounding sensitive receivers (including vehicular traffic). Screening will be applied where the MAF site represents a moderate to high visual impact. Anti-gawking screening will be applied when were required by a TfNSW approval. See appendix G

A locational map, environmental constraints and co-ordinates have been provided in Appendix A and B.

### 2. Mitigation Measures

Based on the site details and environmental constraints identified in Table 1 and Table 2 above, the key environmental risks associated with the establishment and operation of the Minor Ancillary Facility (Bobbiwaa Ballast) include:

- Dust and associated impacts to air quality resulting from access and use;
- Mud tracking onto public roads associated with access and use of the MAF; and
- Noise impacts to surrounding sensitive receivers.

With the implementation of the mitigation measures detailed in Table 3 below, these impacts are considered to be minor and consistent with those impacts assessed and approved under CSSI 7474.

#### Table 3: Minor Ancillary Facility – Mitigation Measures

	Measure/Requirement	Responsibility	Timing/ frequency
1)	Site inductions will include the following specific components for biodiversity, noise, dust, surface water, erosion & sediment control management:	Environmental Manager	Pre- construction

	Measure/Requirement	Responsibility	Timing/ frequency
	<ul> <li>Awareness of General Environmental Duty and Duty to Notify, (legislative obligations)</li> <li>The requirement for erosion and sediment control devices to be implemented and maintained in accordance with the Erosion &amp; Sediment Control Plan</li> <li>Waste Management</li> <li>The mapped, native vegetation occurring within and adjacent the site and the significance of the TEC.</li> <li>The No-Go Zones for the Project, incl. the significance of this control and the environmental constraints it's protecting i.e. mapped TEC, threatened species, etc.</li> <li>Hours of operation.</li> <li>General noise related mitigation measures.</li> </ul>		
2)	Progressive Erosion and Sediment Control Plans (PESCPs) will be developed by Trans4m Rail Environmental Coordinators and reviewed by a CPESC throughout the site establishment phase.	Environmental Manager	Pre- construction
3)	Controls must be in place to prevent tracking dirt and mud onto roads.	Construction Supervisor	Construction
4)	Spoil, mud or the like spilt onto sealed roads to be removed within 24hrs or before end of shift (5pm AEDT if Newell HWY is affected) through use of a street sweeper or other means. Controls to minimise mud-tracking onto public roads will generally include rumble grids (i.e. similar to Pad 2), stabilised site access (i.e. rock, gravels, etc) or sheeting of the MAF with clean rock material (i.e. similar to Pad 4).	Construction Supervisor	Construction
5)	Mobile plant and vehicles, including deliveries must use designated travel routes, site access routes, site access tracks and lay down areas.	Construction Supervisor	Construction
6)	Any activities requiring the discharge of construction water off site will be undertaken in accordance with the PESCP.	All personnel / Environmental Manager	Construction
7)	Slashing limits (incl. vegetation to be retained) must be clearly identified and physically demarcated on-site. Slashing, clearing or other ground disturbance activities must not occur outside these areas unless otherwise approved in writing by the Environment Manager, or suitable delegate.	Construction Supervisor	Construction
8)	Groundcover to be re-established as soon as practicable to prevent erosion during construction.	Construction Supervisor	Construction
9)	In the event that an area or item of heritage significance, threatened species, contaminated material or asbestos containing materials (ACM) are discovered or suspected on-site, then all works affecting the find must cease immediately, the area secured and relevant Trans4m Rail's Unexpected Finds Procedure / Protocol will be implemented. Trans4m Rail's Environmental Manager (or delegate), ARTC and the Project Environmental Representative must be immediately notified of any unexpected finds. Other stakeholders (e.g. NSW EPA, OEH, DPIE, WaterNSW, Council, local landholders, etc) may also be notified depending on the nature and scale of the unexpected find.	All personnel / Construction Supervisor	Construction
10)	Any spills or leaks of chemicals, fuels, oils, effluent or any other hazardous substance that occurs during site establishment must be managed and reported in accordance with Trans4m Rail's Environmental Incident Response and Reporting Procedure.	All personnel / Construction Supervisor	Construction

	Measure/Requirement	Responsibility	Timing/ frequency
11)	Refuelling activities must not take place within 50m of waterways, and always be closely supervised. Plant and equipment being refuelled must not be left unattended for any period of time.	All personnel / Construction Supervisor	Construction
12)	The land on which ancillary facilities, laydowns areas, access tracks and all other temporary works are located shall be rehabilitated to at least their pre-construction condition or better, unless otherwise agreed by the landowner.	Construction Supervisor	Construction
13)	<ul> <li>Weather forecast will be reviewed daily (via http://www.bom.gov.au/) and additional measures implemented where unfavourable weather conditions (i.e. hot, dry weather, high wind speed (&gt;10m/s)) are anticipated. Measures to be implemented during unfavourable weather conditions may include a reduction of speed, a modified construction methodology, alternative plant and equipment, altering the scheduled works or program for the day, additional water carts or ceasing dust generating activities until conditions are more favourable. Dust will be monitored and managed in accordance with the mitigation measures detailed in Project's CSWMP.</li> <li>In addition to this, the following measures will be undertaken;</li> <li>-Where practical, the MAF carpark and trafficked areas will be sheeted with clean rock / gravel material.</li> <li>-Increased training and surveillance of dust by key Project personnel (i.e. Superintendents, Supervisors, Operators etc).</li> <li>Stockpiling and material handling will be avoided in MAFs adjacent the Newell Hwy.</li> <li>-Long term stockpiles (&gt;1 month) will be compacted using an excavator bucket and soil binder applied (where practicable).</li> <li>-Where practicable, soil binder will be used on highly trafficked areas.</li> </ul>	Environmental Manager / Construction Supervisor	Construction
14)	The following dust control measures will be utilised to suppress dust being generated from access roads, laydown areas, ancillary facilities and all other exposed surfaces; water application via watercarts and alternative means (i.e. sprinklers, hoses), sealing or stabilisation of highly trafficked areas, dust screens, application of geofabric or jute mat or the application of soil binding agents. The frequency of use will be modified depending on the prevailing wind and weather conditions. If dust impacts the Newell HWY at any stage, all works will cease until causation has been rectified.	Construction Supervisor	Construction
15)	Exhaust systems of construction plant, vehicles and machinery will be maintained in accordance with manufacturer's specifications to ensure that emissions do not exceed EPA regulations. Periodic visual checks will be undertaken daily.	Construction Supervisor	Construction
16)	Waste will be segregated and collected on a regular basis to ensure odours associated with waste do not become an issue to surrounding sensitive receivers. All waste will be collected and disposed of at a licensed facility.	All personnel	Construction
17)	All works will be undertaken in accordance with the standard construction hours detailed in Condition of Approval E1.	Construction Supervisor	Construction

Minor Ancillary Facility Checklist - (Bobbiwaa Ballast) - Rev. 2

	Measure/Requirement	Responsibility	Timing/ frequency
18)	Notification undertaken during construction would inform relevant stakeholders of the work locations and timing, and the potential for noise impacts.	Community Engagement Team	Construction
19)	Boundary screening will be erected if a site inspection determines that the MAF could significantly impact sensitive receivers. Anti-gawking screens will be applied where required by a TfNSW Approval. Refer to appendix G.	Environment Manager / Construction Supervisor	Construction
20)	Within the proposed MAF (Bobbiwaa Ballast) site a total area of <3,100m <sup>2</sup> (~95.4%) was identified as <i>Zone 0- Cleared/Non-native Vegetation</i> , and a total area of 150m <sup>2</sup> (~4.6%) was identified as <i>Zone - 9 - PCT-135 BVT-BR284</i> , <i>NA271-Coobah - Western Rosewood low open tall shrubland or woodland mainly on outwash areas in the Brigalow Belt South Bioregion-Moderate - Good</i>	Environmental Works team	Construction
	NOTE: As this is within the SPIR CIZ this have been accounted for in the Project's Approval and if removal is required will be offset under the projects Biodiversity Offset Strategy		

#### 3. Certification

This Minor Ancillary Facility Checklist provides a true and fair review of the proposed activity for the Inland Rail N2NS upgrade project.

Signed:

Name: Adam Playne

Position: Trans4m Rail Senior Environmental Advisor

Date: 30/03/2022

Signed:

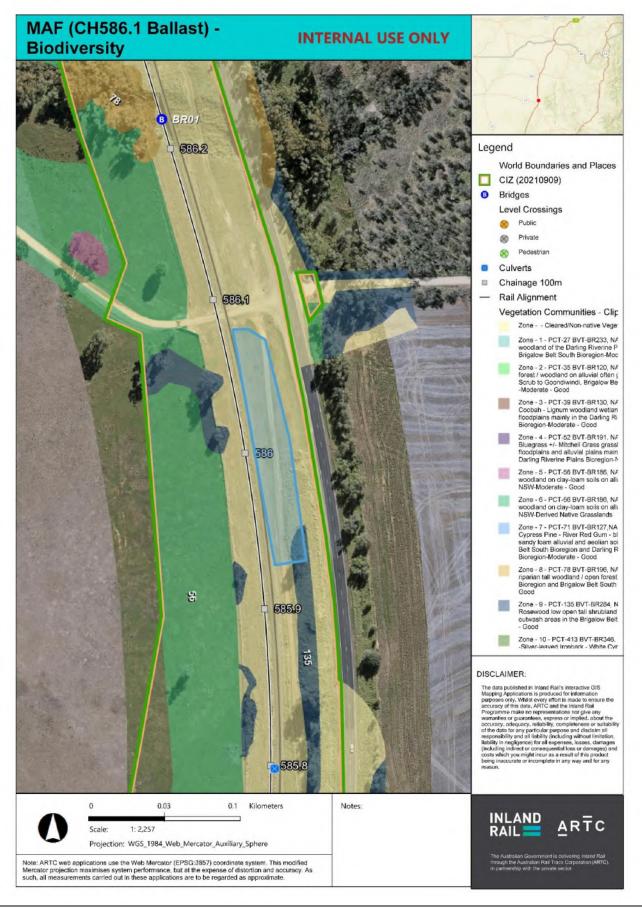
Name: Steve Fermio

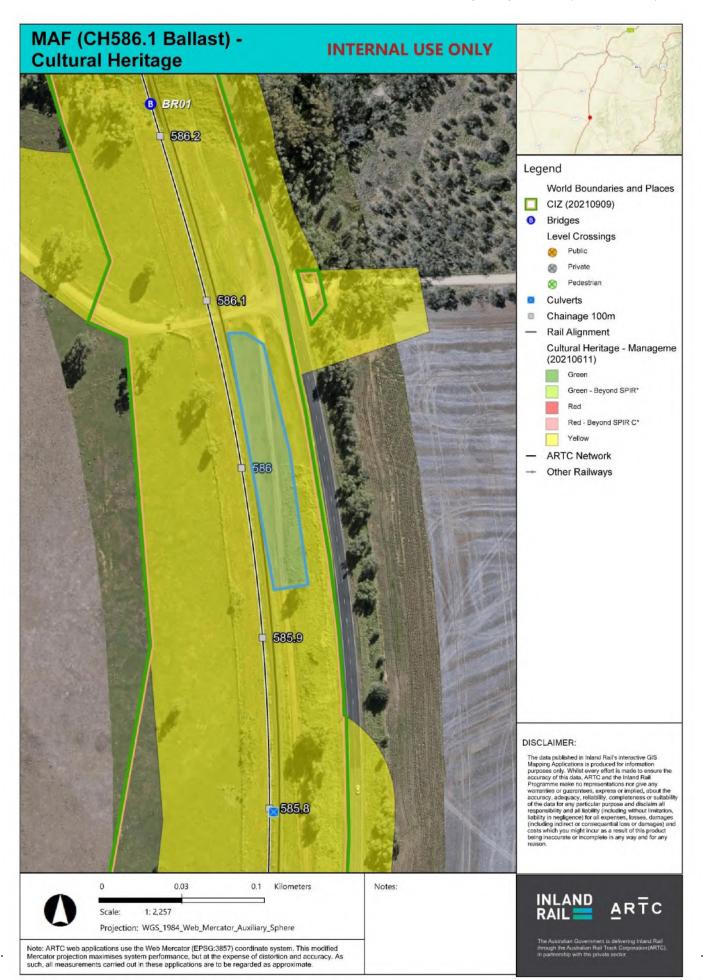
Position: Environmental Representative

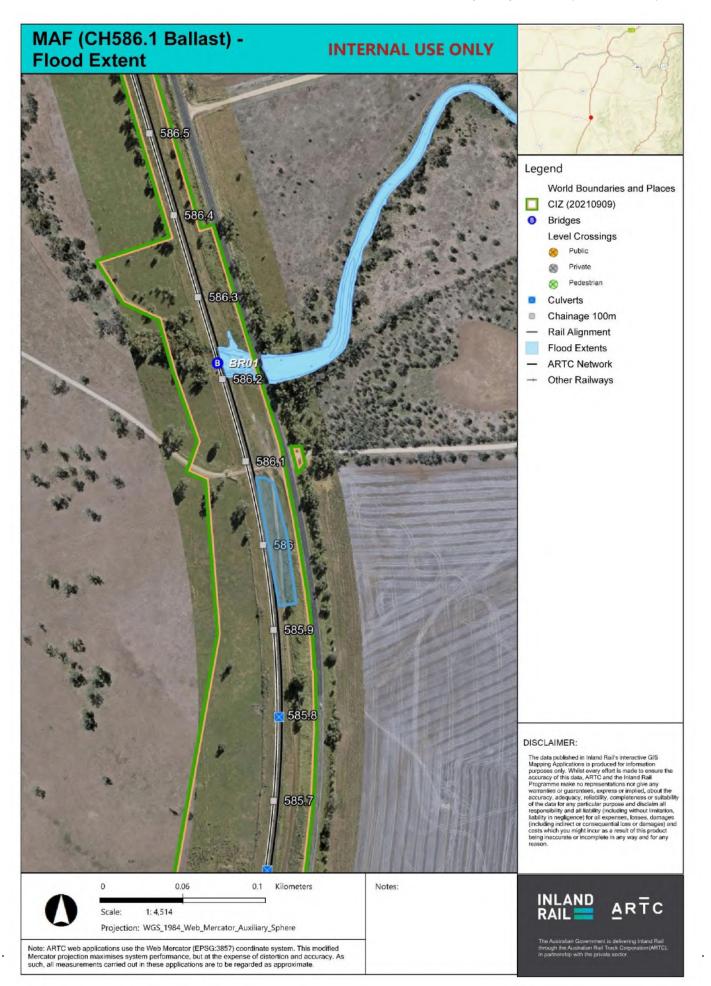
Date: 1 / 4 /2022

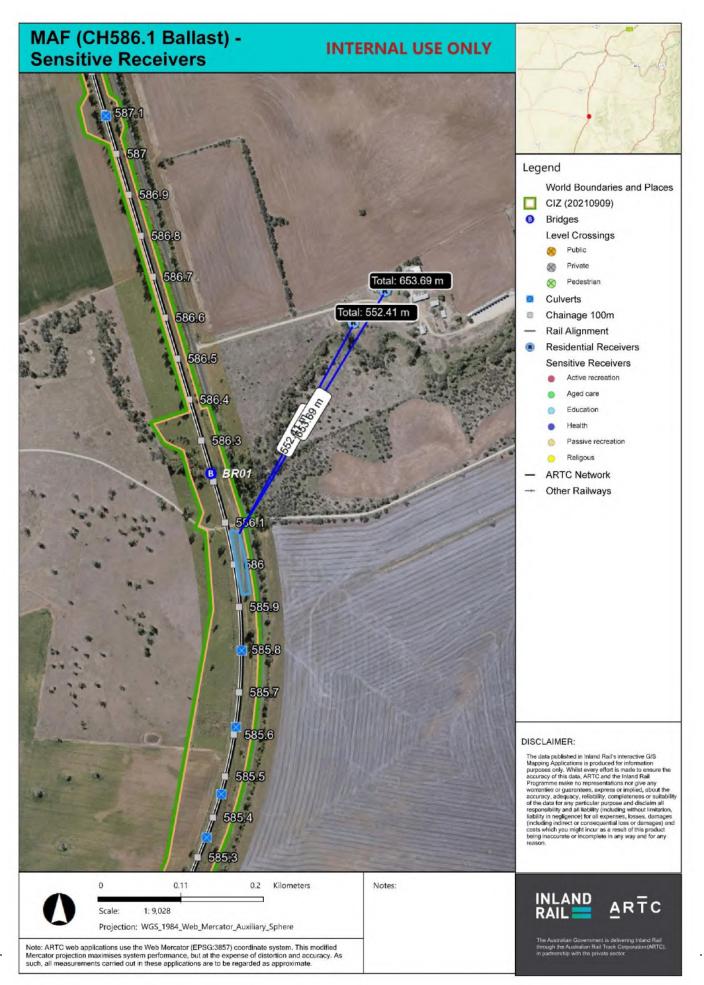
Note: This MAF approval does not constitute in any way an authorisation of the traffic control and entry / exit arrangements for light and heavy vehicles at this site. These are subject to separate approval by, and the requirements of, TfNSW (or Local Council) through the relevant Road Occupancy Licence/s, Speed Zone Authorisation/s, Traffic Management Plan or any other TfNSW or Local Council regulatory requirements.

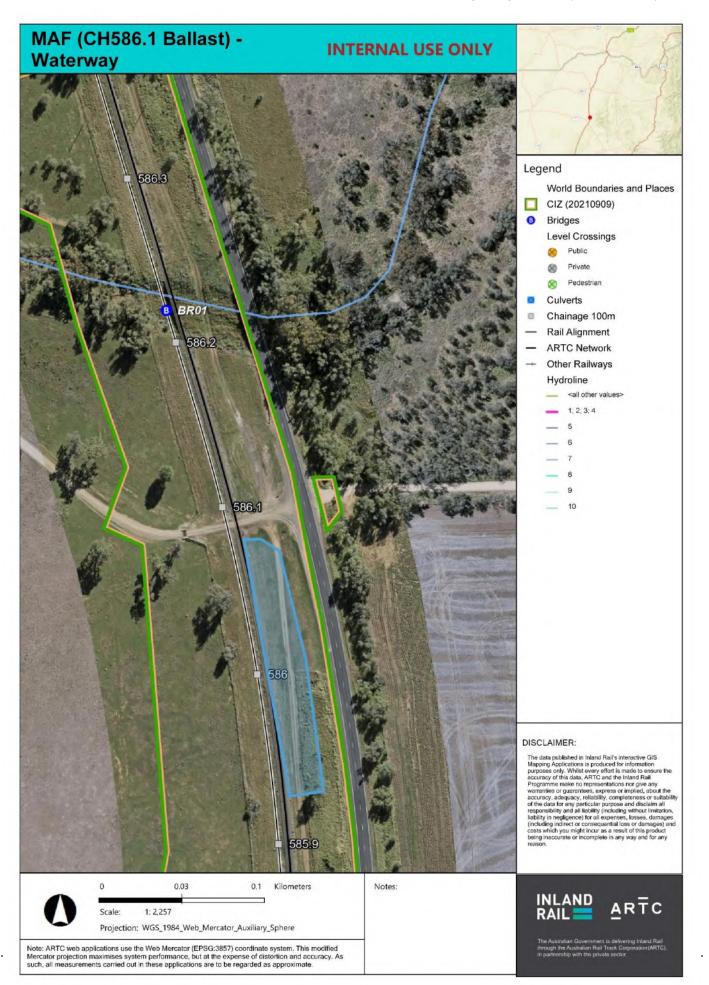
## Appendix A: Site Location (incl. Environmentally Sensitive Areas)





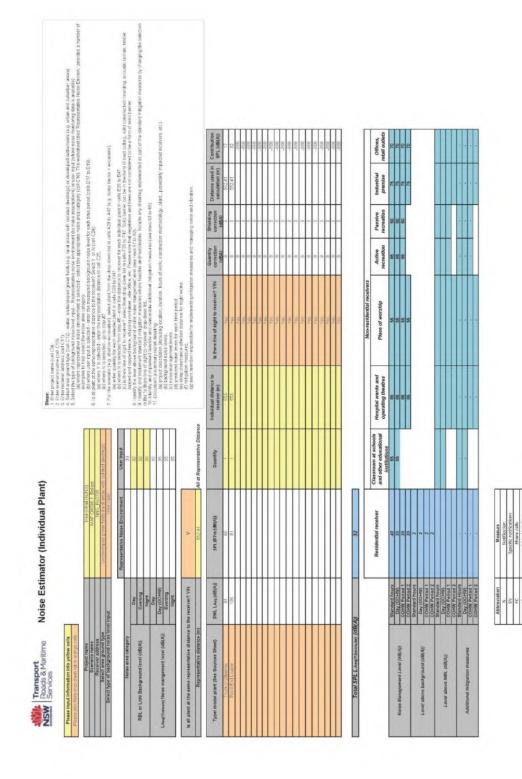






# **Appendix B: Site Location (Co-ordinates)**

1	Lat: 30.18034° S
-	Lon: 149.82006° E
2	Lat: 30.18040° S
_	Lon: 149.82028° E
3	Lat: 30.18167° S
•	Lon: 149.82055° E
4	Lat: 30.18169° S
-	Lon: 149.82034° E

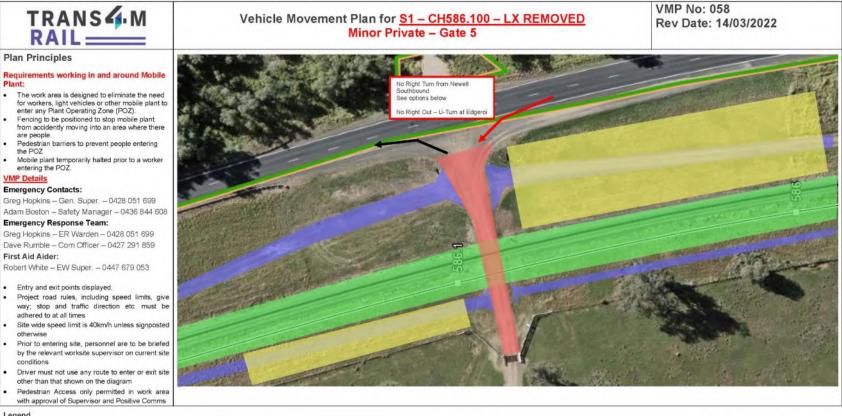


# **Appendix C: Noise Estimator**

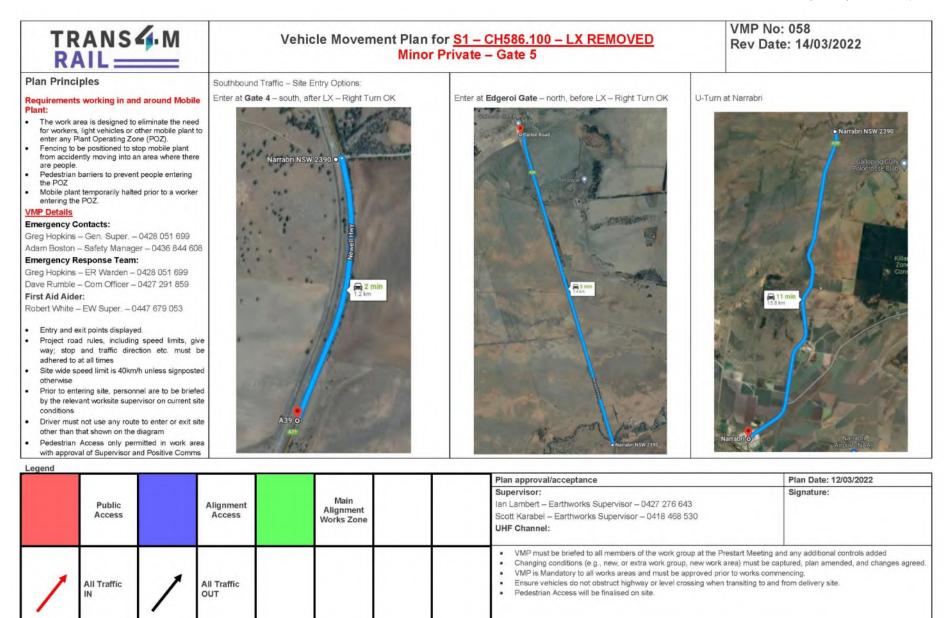
# **Appendix D: Construction Gate Locations**

Gate	Туре	LX Number	Road Name	Treatment
575900	Major	LX3054	Private	BAR/BAL
578000	Minor	LX3055	Private	BAL
580400	Minor	LX3056	Private	BAL
5829 <mark>0</mark> 0	Minor	NA	NA	BAL
584600	Minor	LX3057	Private	BAL
585000	Major	LX3058	Private	BAR/BAL
586100	Minor	NA	NA	BAL
588600	Minor	LX3059	Private	BAL
5 <mark>8</mark> 9700	Minor	LX3060	Private	BAL
593400	Major	LX543	Tarlee Rd	AUR/AUL
595000	Minor	LX3061	Private	BAL
596600	Major	LX1827	Moree Rd	BAR/BAL
596900	Minor	NA	NA	Exit only
5969 <mark>0</mark> 0	Minor	NA	Private	BAL
598500	Minor	LX544	Galathera Lane	BAR/BAL
599700	Major	NA	NA	BAR/BAL
600350	Minor	NA	Private	BAL
601400	Minor	NA	NA	BAL
603000	Major	LX545	The Clump Rd	AUR/AUL
605 <mark>50</mark> 0	Minor	NA	NA	BAL
608200	Minor	NA	NA	Entry/Exit Only
609300	Major	LX546	Ten Mile Lane	BAL/BAR
613100 Major		LX547	Tremayne Property	BAR/BAL
613700	Minor	LX548	Private	BAL
616000	Minor	LX549	Millie Rd	AUR/AUL
617500	Minor	LX550	Old Newell Hwy	BAR/BAL
621200	Major	LX3065	Private	AUR/AUL
625 <mark>50</mark> 0	Major	LX552	Penneys Rd	CHR/CHL

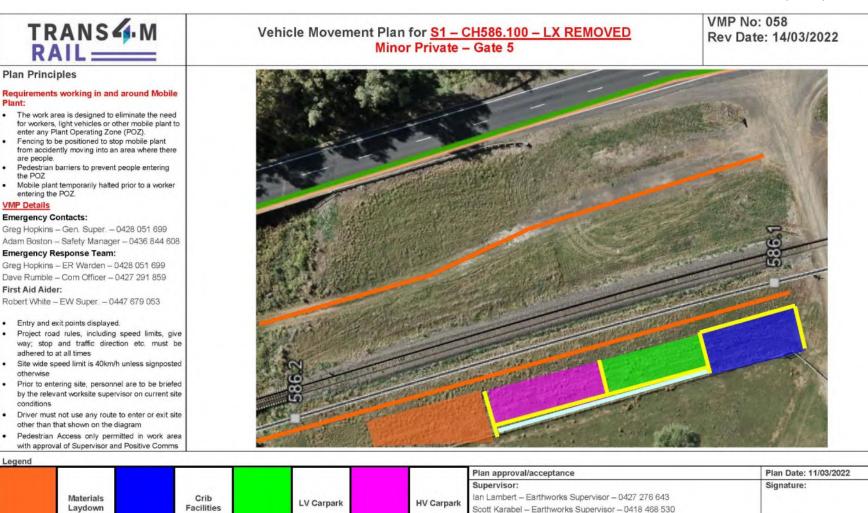
## **Appendix E: Vehicle Movement Plan**



						Plan approval/acceptance	Plan Date: 11/03/2022	
	Public Access		Alignment Access	Main Alignment Works Zone	General	Supervisor: lan Lambert – Earthworks Supervisor – 0427 276 643 Scott Karabel – Earthworks Supervisor – 0418 468 530 UHF Channel:	Signature:	
1	All Traffic IN	1	All Traffic OUT			VMP must be briefed to all members of the work group at the Prestar Changing conditions (e.g., new, or extra work group, new work area) VMP is Mandatory to all works areas and must be approved prior to Ensure vehicles do not obstruct highway or level crossing when trans Pedestrian Access will be finalised on site.	must be captured, plan amended, and changes agreed. vorks commencing.	



#### Minor Ancillary Facility Checklist - (Bobbiwaa Ballast) - Rev. 2



**UHF Channel:** 

· Pedestrian Access will be finalised on site.

.

Mixed

Delineation

Pedestrian

Access

Access

LV Access

**HV Access** 

Solid 2-Way Dash 1-Way VMP must be briefed to all members of the work group at the Prestart Meeting and any additional controls added

VMP is Mandatory to all works areas and must be approved prior to works commencing. Ensure vehicles do not obstruct highway or level crossing when transiting to and from delivery site.

Changing conditions (e.g., new, or extra work group, new work area) must be captured, plan amended, and changes agreed.

Inland Rail – Narrabri to North Star SP1

Lime

Storage

Plant:

the POZ

VMP Details

otherwise

conditions

Legend

Minor Ancillary Facility Checklist - (Bobbiwaa Ballast) - Rev. 1

Ballast

#### Minor Ancillary Facility Checklist - (Bobbiwaa Ballast) - Rev. 2



#### **Plan Principles**

#### Requirements working in and around Mobile Plant:

- The work area is designed to eliminate the need for workers, light vehicles or other mobile plant to enter any Plant Operating Zone (POZ).
- Fencing to be positioned to stop mobile plant from accidently moving into an area where there are people.
- Pedestrian barriers to prevent people entering the POZ
- Mobile plant temporarily halted prior to a worker entering the POZ.

#### VMP Details

#### Emergency Contacts:

Greg Hopkins – Gen. Super. – 0428 051 699 Adam Boston – Safety Manager – 0436 844 608

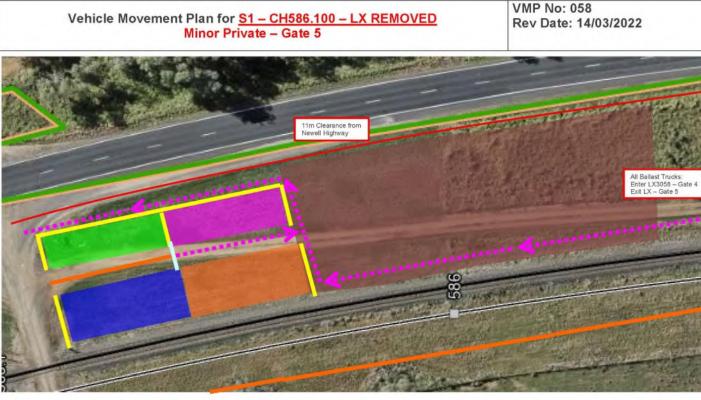
#### Emergency Response Team:

Greg Hopkins – ER Warden – 0428 051 699 Dave Rumble – Com Officer – 0427 291 859 First Aid Aider:

Robert White - EW Super. - 0447 679 053

#### Entry and exit points displayed.

- Project road rules, including speed limits, give way; stop and traffic direction etc. must be adhered to at all times
- Site wide speed limit is 40km/h unless signposted otherwise
- Prior to entering site, personnel are to be briefed by the relevant worksite supervisor on current site conditions
- Driver must not use any route to enter or exit site other than that shown on the diagram
- Pedestrian Access only permitted in work area with approval of Supervisor and Positive Comms



					Plan approval/acceptance	Plan Date: 11/03/2022
Materials Laydown			LV Carpark	HV Carpark	Supervisor: Ian Lambert – Earthworks Supervisor – 0427 276 643 Scott Karabel – Earthworks Supervisor – 0418 468 530 UHF Channel:	Signature:
Lime Storage		Ballast	Delineation Pedestrian Access	Mixed Access LV Access HV Access Solid 2-Way Dash 1-Way	<ul> <li>VMP must be briefed to all members of the work group at the Prestar</li> <li>Changing conditions (e.g., new, or extra work group, new work area)</li> <li>VMP is Mandatory to all works areas and must be approved prior to v</li> <li>Ensure vehicles do not obstruct highway or level crossing when trans</li> <li>Pedestrian Access will be finalised on site.</li> </ul>	must be captured, plan amended, and changes agreed vorks commencing.

NSW

Transport Roads & Maritime Services

# Appendix F: Road Occupancy Licence (ROL)

ROAD OCCUPANCY LICENCE

LICENCE NO : 556329

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMENT Project: This Activity :	- NEW CONSTRUCTION Not Applicable In Land Rail. Narrabri to North Star. Newell Highway Section from Narrabri to Gurley.	LOCATIC Subject R From: To: Council:		WE KA		A RD, NA A RD, G					
	Work Description: Survey, Vegetation maintenance Light Vehicle Movements, Minor Heavy Vehicle Movements <20										
LICENSEE		ONSITE	CONT	ACT							
Organisation:	Trans4m Rail Joint Venture	Name:									
Ref No: Name: Luke McGoldrick		Phone:		04	137775	63					
Phone:	0413777563										
TRAFFIC MANAG	GEMENT	LICENC	E DUR	ATIO	N						
low Management	Contra Flow; Standard Lane Merge; Mobile Works;	From:		21-	Mar-20	022					
	Portable Signals; Short Term / Intermittent Works;	To:		20-	Apr-20	22					
	Stop / Slow Control										
Closure Type:	All lanes both directions										
Closure Lane(s): Shoulder; Median Shoulder											
Direction(s):	All Directions										
LICENCE COND	ITIONS		APPR	OVE		ES & T	MES	3			
1 YOU MUST USE SHIFT ACTIVATION WEB ADDRESS https://myroi.transport.nsw.gov.au.TO ACTIVATE AND DEACTIVA				From	n Shift				То	Shift	
		E YOUR	From	D	м	Time		То	D	м	Tim
CONTROL SIG	APPROVED ROAD OCCUPANCY LICENCE(S). (TO CHANGE TR CONTROL SIGNALS TO FLASHING YELLOW OR TO ACTIVATE PERMANENT VARIABLE MESSAGE SIGNS DIAL 1800 679 782)		Mon Tue	21 22	Mar Mar	00:00 00:00	2	Tue Wed	22 23	Mar Mar	00:00
GUIDANCE SC	IS NOT AN APPROVAL OF THE PROPONENT'S T HEMES (TGS): PLEASE NOTE WORKCOVER REC GUIDANCE SCHEMES (TGS) COMPLY WITH AS	QUIRES	Wed Thu	23 24	Mar Mar	00:00	:	Thu Fri	24 25	Mar	00:0
	RELATING TO NOISE GENERATION OR OTHER		Fri	25	Mar	00:00	-	Sat	26	Mar	00:0
	TAL FACTORS ON SITE ARE UNDER THE JURISI L COUNCIL AND/OR THE ENVIRONMENTAL PRO		Sat	26	Mar	00:00	-	Sun	27	Mar	00:0
AUTHORITY.	E COONCIE AND/OR THE ENVIRONMENTAL PRO	LCHON	Sun	27	Mar	00:00	-	Mon	28	Mar	00:0
4 SHOULD THE	PROPOSED WORKS INVOLVE UNDERBORING O	R	Mon	28	Mar	00:00	-	Tue	29	Mar	00:00
	OF STATE ROAD ASSETS OR THE REMOVAL OF DETAILS OF WORKS MUST BE APPROVED BY T		Tue	29	Mar	00:00	-	Wed	30	Mar	00:0
FOR GREATER	R SYDNEY REGION CONTACT:		Wed	30	Mar	00:00	-	Thu	31	Mar	00:0
	oads@transport.nsw.gov.au. FOR REGIONAL & OU \N. CONTACT: road.access@transport.nsw.gov.au.	IER	Thu	31	Mar	00:00	-	Fri	01	Apr	00:0
	I TO AFFECTED BUSINESSES, RESIDENTS AND		Fri	01	Apr	00:00	•	Sat	02	Apr	00:0
	RS MUST BE UNDERTAKEN AT LEAST 5 BUSINE RKS COMMENCING	SS DAYS	Sat	02	Apr	00:00	-	Sun	03	Apr	00:0
PRIOR TO WORKS COMMENCING			Sun	03	Apr	00:00	-	Mon	04	Apr	00:0
6 ADEQUATE AD	G MOTORISTS.		Mon	04	Apr	00:00	-	Tue	05	Apr	00:0
APPROACHIN			Tue Wed	05 06	Apr	00:00 00:00	-	Wed Thu	06 07		00:00
7 EFFECTIVE M	IS OUS WHO CONTRACTO CONDITIONS OF	THIS	vveu		Apr Apr	00:00	-	Fri	07		00:00
APPROACHING 7 EFFECTIVE M IMPLEMENTED LICENCE OCC	). IF QUEUING CONTRARY TO CONDITIONS OF URS, THEN THE ROAD MUST BE RE-OPENED AI		Thu	07		00.00	-				
APPROACHING 7 EFFECTIVE M IMPLEMENTED LICENCE OCC TRAFFIC QUE	D. IF QUEUING CONTRARY TO CONDITIONS OF URS, THEN THE ROAD MUST BE RE-OPENED AN UE MUST BE CLEARED.		Thu Fri	07 08		00.00	-	Sat	09	Anr	
APPROACHING FFECTIVE MO IMPLEMENTED LICENCE OCC TRAFFIC QUE 8 THE 40SZA IS	D. IF QUEUING CONTRARY TO CONDITIONS OF URS, THEN THE ROAD MUST BE RE-OPENED AI UE MUST BE CLEARED. TO BE USED ONLY WHEN TRAFFIC CONTROL	ND	Fri	08	Apr	00:00	-	Sat Sun	09 10	Apr	
APPROACHIN 7 EFFECTIVE M IMPLEMENTED LICENCE OCC TRAFFIC QUE 8 THE 40SZA IS MEASURES H PROGRESS.4	D. IF QUEUING CONTRARY TO CONDITIONS OF URS, THEN THE ROAD MUST BE RE-OPENED AN UE MUST BE CLEARED.	ND RE IN	Fri Sat	08 09	Apr Apr	00:00		Sun	10	Apr	00:0
APPROACHING FFECTIVE M IMPLEMENTED LICENCE OCC TRAFFIC QUE HE 40SZA IS MEASURES H PROGRESS. 4 LENGTH.	D. IF QUEUING CONTRARY TO CONDITIONS OF URS, THEN THE ROAD MUST BE RE-OPENED AN UE MUST BE CLEARED. TO BE USED ONLY WHEN TRAFFIC CONTROL AVE BEEN IMPLEMENTED AND ROAD WORKS AN OKM/H ZONE SHOULD NOT EXCEED 500 METRE	ND RE IN S IN	Fri	08	Apr		-			Apr Apr	00:00 00:00
APPROACHING TEFFECTIVE M IMPLEMENTED LICENCE OCC TRAFFIC QUE THE 40SZA IS MEASURES H PROGRESS. 4 LENGTH. 9 ANY STOPPAC	D. IF QUEUING CONTRARY TO CONDITIONS OF URS, THEN THE ROAD MUST BE RE-OPENED AT UE MUST BE CLEARED. TO BE USED ONLY WHEN TRAFFIC CONTROL AVE BEEN IMPLEMENTED AND ROAD WORKS AT	ND RE IN S IN IN THIS	Fri Sat Sun	08 09 10	Apr Apr Apr	00:00 00:00	:	Sun Mon	10 11	Apr Apr Apr	00:00 00:00 00:00
APPROACHING TEFFECTIVE MI IMPLEMENTED LICENCE OCC TRAFFIC QUE THE 40SZA IS MEASURES H PROGRESS. 4 LENGTH. ANY STOPPAC LICENCE MUS 500 METRES I	D. IF QUEUING CONTRARY TO CONDITIONS OF URS, THEN THE ROAD MUST BE RE-OPENED AN UE MUST BE CLEARED. TO BE USED ONLY WHEN TRAFFIC CONTROL AVE BEEN IMPLEMENTED AND ROAD WORKS AN OKM/H ZONE SHOULD NOT EXCEED 500 METRE SES OF TRAFFIC RESULTING FROM ACTIVITIES T NOT EXCEED 5 MINUTES PER INSTANCE OR IS N LENGTH. ALL TRAFFIC QUEUES MUST BE CLE	ND RE IN S IN IN THIS EXCEED ARED	Fri Sat Sun Mon	08 09 10 11	Apr Apr Apr Apr	00:00 00:00 00:00	•	Sun Mon Tue	10 11 12	Apr Apr Apr	00:0 00:0 00:0 00:0 00:0
APPROACHING FFECTIVE MI IMPLEMENTED LICENCE OCC TRAFFIC QUE TRAFFIC QUE THE 40SZA IS MEASURES H PROGRESS. 4 LENGTH. ANY STOPPAC LICENCE MUS 500 METRES I	D. IF QUEUING CONTRARY TO CONDITIONS OF URS, THEN THE ROAD MUST BE RE-OPENED AT UE MUST BE CLEARED. TO BE USED ONLY WHEN TRAFFIC CONTROL AVE BEEN IMPLEMENTED AND ROAD WORKS AT 0KM/H ZONE SHOULD NOT EXCEED 500 METRE DES OF TRAFFIC RESULTING FROM ACTIVITIES T NOT EXCEED 5 MINUTES PER INSTANCE OR F	ND RE IN S IN IN THIS EXCEED ARED	Fri Sat Sun Mon Tue	08 09 10 11 12	Apr Apr Apr Apr Apr	00:00 00:00 00:00 00:00		Sun Mon Tue Wed	10 11 12 13	Apr Apr Apr Apr	00:0 00:0 00:0 00:0

All pages of this Road Occupancy Licence and associated Speed Zone Authorisation(s) must be available on site at all times and must be produced for inspection when requested by representatives of NSW Police, Roads & Maritimes Services, Transport for NSW and other Government Agencies.

Page 1 of 8

NSW

Transport

Roads & Maritime Services

## ROAD OCCUPANCY LICENCE

#### LICENCE NO : 556329

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

	NEWCONSTRUCTION	LOCATI									
						LBADZ					
Project:	Not Applicable In Land Rail, Narrabri to North Star, Newell	Subject R From:	toad:		WELL			DDI			
This Activity :		To:	WEE WAA RD, NARRABRI KANIMBLA RD, GURLEY								
	Highway Section from Narrabri to Gurley.	Council:	NARRABRI								
	Work Description: Survey, Vegetation maintenance			INA	INNAD	NI					
	Light Vehicle Movements, Minor Heavy Vehicle	<b>'</b> 1									
	•	Movements <20									
	Novementa 420										
LICENSEE		ONSITE	CONT	ACT							
Organisation:	Trans4m Rail Joint Venture	Name:		Luke McGoldrick							
Ref No:		Phone:		0413777563							
Name:	Luke McGoldrick										
Phone:	0413777563										
TRAFFIC MANAG	3EMENT	LICENC	E DUR	ATIO	N						
Flow Management	Contra Flow; Standard Lane Merge; Mobile Works;	From:		21-	-Mar-2	022					
	Portable Signals; Short Term / Intermittent Works; Stop / Slow Control	To:	20-Apr-2022								
Closure Type:	All lanes both directions										
Closure Lane(s):	Shoulder; Median Shoulder										
Direction(s):	All Directions										
LICENCE COND	ITIONS		APPR	OVE	D DAT	ES&T	IMES	6			
10 PORTABLE TR	RAFFIC SIGNALS MUST BE IN ACCORDANCE WIT	гн		From	n Shift				То	Shift	
	STANDARDS AND APPROVED FOR USE BY TFNS N OF PORTABLE TRAFFIC SIGNALS MUST COMP		From	D	м	Time	-	То	D	м	Time
THE TRAFFIC	CONTROL AT WORKSITES MANUAL. TRAFFIC Q		Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
	NITORED AND MANAGED.		Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
11 LANE WIDTHS MUST BE SUFFICIENT TO PERMIT CLEAR ACCE HEAVY VEHICLES.			Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
HEAVY VEHIC		-									

Tue

19

Apr 00:00

-

Wed 20

Apr 00:00

All pages of this Road Occupancy Licence and associated Speed Zone Authorisation(s) must be available on site at all times and must be produced for inspection when requested by representatives of NSW Police, Roads & Maritimes Services, Transport for NSW and other Government Agencies.

12 MOBILE WORKS MUST COMPLY WITH AUSTRALIAN STANDARDS 1742.3 AND TINSW'S TRAFFIC CONTROL AT WORK SITES MANUAL. MOBILE WORKS MUST GIVE PRIORITY TO PLANNED SITE-SPECIFIC ROL APPROVALS.



Transport **Roads & Maritime** Services

#### LIC/SZA NO: 556329/001 ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMENT	- NEW CONSTRUCTION	SPEED LIMIT F	REDUCTION
Project	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highway	Reduced To :	80 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LOCATION		TRAFFIC MANAGEMENT					
Subject Road:	NEWELL HWY	Distance(m):	2000				
From:	WEE WAA RD, NARRABRI	Direction:	All Directions				
To:	KANIMBLA RD, GURLEY						
Council:							
LICENSEE		ONSITE CON	TACT				
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick				
Ref No:		Phone:	0413777563				

Name: Luke McGoldrick 0413777563 Phone:

#### **APPROVED DATES & TIMES**

From Shift						То	Shift	
From	D	M	Time	-	То	D	м	Time
Mon	21	Mar	00:00	-	Tue	19	Apr	00:00
Tue	22	Mar	00:00	-	Wed	23	Mar	00:00
Wed	23	Mar	00:00	-	Thu	24	Mar	00:00
Thu	24	Mar	00:00	-	Fri	25	Mar	00:00
Fri	25	Mar	00:00	-	Sat	26	Mar	00:00
Sat	26	Mar	00:00	-	Sun	27	Mar	00:00
Sun	27	Mar	00:00	-	Mon	28	Mar	00:00
Mon	28	Mar	00:00	-	Tue	29	Mar	00:00
Tue	29	Mar	00:00	-	Wed	30	Mar	00:00
Wed	30	Mar	00:00	-	Thu	31	Mar	00:00
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00
Fri	01	Apr	00:00		Sat	02	Apr	00:00
Sat	02	Apr	00:00	-	Sun	03	Apr	00:00
Sun	03	Apr	00:00	-	Mon	04	Apr	00:00
Mon	04	Apr	00:00	-	Tue	05	Apr	00:00
Tue	05	Apr	00:00	-	Wed	06	Apr	00:00
Wed	06	Apr	00:00	-	Thu	07	Apr	00:00
Thu	07	Apr	00:00	-	Fri	08	Apr	00:00
Fri	08	Apr	00:00	-	Sat	09	Apr	00:00
Sat	09	Apr	00:00	-	Sun	10	Apr	00:00
Sun	10	Apr	00:00	-	Mon	11	Apr	00:00
Mon	11	Apr	00:00	-	Tue	12	Apr	00:00

Transport Roads & Maritime Services

## SPEED ZONE AUTHORISATION

## LIC/SZA NO: 556329/001

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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LOCATION Subject Road: From: To: Council: LICENSEE Organisation: Ref No: Name:	NEWELL HWY WEE WAA RD, NARRABRI KANIMBLA RD, GURLEY Trans4m Rail Joint Venture Luke McGoldrick	ONSITE CONT Name: Phone:	2000 All Directions					
Subject Road: From: To: Council: LICENSEE Organisation:	WEE WAA RD, NARRABRI KANIMBLA RD, GURLEY	Distance(m): Direction: ONSITE CONT Name:	2000 All Directions ACT Luke McGoldrick					
Subject Road: From: To: Council: LICENSEE	WEE WAA RD, NARRABRI KANIMBLA RD, GURLEY	Distance(m): Direction: ONSITE CONT	2000 All Directions					
Subject Road: From: To: Council:	WEE WAA RD, NARRABRI	Distance(m): Direction:	2000 All Directions					
Subject Road: From: To:	WEE WAA RD, NARRABRI	Distance(m):	2000					
Subject Road: From: To:	WEE WAA RD, NARRABRI	Distance(m):	2000					
Subject Road: From:	WEE WAA RD, NARRABRI	Distance(m):	2000					
Subject Road:		Distance(m):	2000					
		TRAFFIC MAN						
periods. The Org	anisation is to maintain accurate records of w	then the speed limit signs we	to be covered or removed outside the approved time re installed and removed, including the location of the etion of each of the approved time periods as detailed					
	Movements <20							
	Light Vehicle Movements, Minor Heavy Ve	ehicle						
	Work Description: Survey, Vegetation mail	intenance,						
	Section from Narrabri to Gurley.							
This Activity :	In Land Rail. Narrabri to North Star. Newe	Il Highway Reduced To :	80 Km/h					
at a final size can	Not Applicable	Existing:	110 Km/h					
Project:	IT - NEW CONSTRUCTION	SPEED LIMIT F	REDUCTION					

	From	n Shift				То	Shift	
From	D	м	Time	-	То	D	м	Time
Tue	12	Apr	00:00	-	Wed	13	Apr	00:00
Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
Thu	14	Apr	00:00	-	Fri	15	Apr	00:00
Fri	15	Apr	00:00	-	Sat	16	Apr	00:00
Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
Tue	19	Apr	00:00	-	Wed	20	Apr	00:00



Transport **Roads & Maritime** Services

#### LIC/SZA NO: 556329/002 ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMENT	- NEW CONSTRUCTION	SPEED LIMIT I	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highway	Reduced To :	60 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LOCATION		TRAFFIC MANAGEMENT					
Subject Road:	NEWELL HWY	Distance(m):	2000				
From:	WEE WAA RD, NARRABRI	Direction:	All Directions				
To:	KANIMBLA RD, GURLEY						
Council:							
LICENSEE		ONSITE CON	TACT				
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick				
Ref No:		Phone:	0413777563				

Name: Luke McGoldrick 0413777563 Phone:

#### **APPROVED DATES & TIMES**

From Shift				To Shift				
From	D	M	Time	-	То	D	м	Time
Mon	21	Mar	00:00	-	Tue	19	Apr	00:00
Tue	22	Mar	00:00	-	Wed	23	Mar	00:00
Wed	23	Mar	00:00	-	Thu	24	Mar	00:00
Thu	24	Mar	00:00	-	Fri	25	Mar	00:00
Fri	25	Mar	00:00	-	Sat	26	Mar	00:00
Sat	26	Mar	00:00	-	Sun	27	Mar	00:00
Sun	27	Mar	00:00	-	Mon	28	Mar	00:00
Mon	28	Mar	00:00	-	Tue	29	Mar	00:00
Tue	29	Mar	00:00	-	Wed	30	Mar	00:00
Wed	30	Mar	00:00	-	Thu	31	Mar	00:00
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00
Fri	01	Apr	00:00	-	Sat	02	Apr	00:00
Sat	02	Apr	00:00	-	Sun	03	Apr	00:00
Sun	03	Apr	00:00	-	Mon	04	Apr	00:00
Mon	04	Apr	00:00	-	Tue	05	Apr	00:00
Tue	05	Apr	00:00	-	Wed	06	Apr	00:00
Wed	06	Apr	00:00	-	Thu	07	Apr	00:00
Thu	07	Apr	00:00	-	Fri	08	Apr	00:00
Fri	08	Apr	00:00	-	Sat	09	Apr	00:00
Sat	09	Apr	00:00	-	Sun	10	Apr	00:00
Sun	10	Apr	00:00	-	Mon	11	Apr	00:00
Mon	11	Apr	00:00	-	Tue	12	Apr	00:00

Transport Roads & Maritime Services

## SPEED ZONE AUTHORISATION

## LIC/SZA NO: 556329/002

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

	T - NEW CONSTRUCTION	SPEED LIMIT	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highway	Reduced To :	60 Km/h
	Section from Narrabri to Gurley.		
	Work Description: Survey, Vegetation maintenance,		
	Light Vehicle Movements, Minor Heavy Vehicle		
	Movements <20		
perious. The Org	anisation is to maintain accurate records of when the sp nd times. The existing posted speed limit* is to be reinsta	eeu mint signs w	ation of each of the approved, including the location of the
	ia times. The existing posted speed innit is to be reinste	ated at the compl	enon or each of the approved time periods as detailed
herein.		TRAFFIC MAN	
herein.			
hërein. LOCATION Subject Road:	NEWELL HWY	TRAFFIC MAN	IAGEMENT
	NEWELL HWY	TRAFFIC MAN Distance(m):	IAGEMENT 2000
hērein. LOCATION Subject Road: From: To:	NEWELL HWY WEE WAA RD, NARRABRI	TRAFFIC MAN Distance(m):	IAGEMENT 2000
hērein. LOCATION Subject Road: From:	NEWELL HWY WEE WAA RD, NARRABRI KANIMBLA RD, GURLEY	TRAFFIC MAN Distance(m):	IAGEMENT 2000 All Directions
hërein. LOCATION Subject Road: From: To: Council: LICENSEE	NEWELL HWY WEE WAA RD, NARRABRI KANIMBLA RD, GURLEY	TRAFFIC MAN Distance(m): Direction:	IAGEMENT 2000 All Directions
herein. LOCATION Subject Road: From: To: Council: LICENSEE Drganisation:	NEWELL HWY WEE WAA RD, NARRABRI KANIMBLA RD, GURLEY Trans4m Rail Joint Venture	TRAFFIC MAN Distance(m): Direction: ONSITE CON	IAGEMENT 2000 All Directions
hērein. LOCATION Subject Road: From: To: Council:	NEWELL HWY WEE WAA RD, NARRABRI KANIMBLA RD, GURLEY Trans4m Rail Joint Venture	TRAFFIC MAN Distance(m): Direction: ONSITE CON Name:	IAGEMENT 2000 All Directions TACT Luke McGoldrick

From Shift			To Shift					
From	D	м	Time	-	То	D	м	Time
Tue	12	Apr	00:00	-	Wed	13	Apr	00:00
Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
Thu	14	Apr	00:00	-	Fri	15	Apr	00:00
Fri	15	Apr	00:00	-	Sat	16	Apr	00:00
Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
Tue	19	Apr	00:00	-	Wed	20	Apr	00:00

VSW

Roads & Maritime Services

## SPEED ZONE AUTHORISATION

## LIC/SZA NO: 556329/003

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

	T - NEW CONSTRUCTION	SPEED LIMIT	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highw	ay Reduced To :	40 Km/h
	Section from Narrabri to Gurley.		
	Work Description: Survey, Vegetation maintenance	ce,	
	Light Vehicle Movements, Minor Heavy Vehicle		
	Movements <20		
signs, the date a	nd times. The existing posted speed limit* is to be reli	nstated at the comple	ere installed and removed, including the location of the etion of each of the approved time periods as detailed
herein.			
		TRAFFIC MAN	IAGEMENT
	NEWELL HWY	TRAFFIC MAN Distance(m):	AGEMENT 500
OCATION Subject Road:	NEWELL HWY WEE WAA RD, NARRABRI		
herein. LOCATION Subject Road: From: To:		Distance(m):	500
LOCATION Subject Road: From: Fo:	WEE WAA RD, NARRABRI	Distance(m):	500
LOCATION Subject Road: From: Fo: Council:	WEE WAA RD, NARRABRI	Distance(m):	500 All Directions
OCATION Subject Road: From: Fo: Council:	WEE WAA RD, NARRABRI	Distance(m): Direction:	500 All Directions
_OCATION Subject Road: From:	WEE WAA RD, NARRABRI KANIMBLA RD, GURLEY	Distance(m): Direction: ONSITE CONT	500 All Directions
LOCATION Subject Road: From: Fo: Council: LICENSEE Drganisation:	WEE WAA RD, NARRABRI KANIMBLA RD, GURLEY	Distance(m): Direction: ONSITE CONT Name:	500 All Directions FACT Luke McGoldrick

	From	n Shift				To	Shift		
From Mon	<b>D</b> 21	M Mar	Time 00:00	-	To Tue	D 19	M Apr	Time 00:00	
Tue	22	Mar	00:00	-	Wed	23	Mar	00:00	
Wed	23	Mar	00:00	2	Thu	24	Mar	00:00	
Thu	24	Mar	00:00	_	Fri	25	Mar	00:00	
Fri	25	Mar	00:00	-	Sat	26	Mar	00:00	
Sat	26	Mar	00:00	-	Sun	27	Mar	00:00	
Sun	27	Mar	00:00	-	Mon	28	Mar	00:00	
Mon	28	Mar	00:00	-	Tue	29	Mar	00:00	
Tue	29	Mar	00:00	-	Wed	30	Mar	00:00	
Wed	30	Mar	00:00	-	Thu	31	Mar	00:00	
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00	
Fri	01	Apr	00:00	-	Sat	02	Apr	00:00	
Sat	02	Apr	00:00	-	Sun	03	Apr	00:00	
Sun	03	Apr	00:00	-	Mon	04	Apr	00:00	
Mon	04	Apr	00:00		Tue	05	Apr	00:00	
Tue	05	Apr	00:00	-	Wed	06	Apr	00:00	
Wed	06	Apr	00:00	-	Thu	07	Apr	00:00	
Thu	07	Apr	00:00	-	Fri	08	Apr	00:00	
Fri	08	Apr	00:00	-	Sat	09	Apr	00:00	
Sat	09	Apr	00:00	-	Sun	10	Apr	00:00	
Sun	10	Apr	00:00	-	Mon	11	Apr	00:00	
Mon	11	Apr	00:00	-	Tue	12	Apr	00:00	



Transport Roads & Maritime Services

LIC/SZA NO: 556329/003 ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMEN	IT - NEW CONSTRUCTION	SPEED LIMIT F	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highway	Reduced To :	40 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LOCATION		TRAFFIC MAN	IAGEMENT	
Subject Road:	NEWELL HWY	Distance(m):	500	
From:	WEE WAA RD, NARRABRI	Direction:	All Directions	
To:	KANIMBLA RD, GURLEY			
Council:				
-				

LICENSEE		ONSITE CO	NTACT	
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
Ref No:		Phone:	0413777563	
Name:	Luke McGoldrick			
Phone:	0413777563			

APPRC	VEDI	DATES	& TIMES	5				
From Shift					То	Shift		
From Tue	D 12	M Apr	Time 00:00	1	To Wed	D 13	M Apr	Time 00:00
Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
Thu	14	Apr	00:00	-	Fri	15	Apr	00:00
Fri	15	Apr	00:00	-	Sat	16	Apr	00:00
Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
Tue	19	Apr	00:00	-	Wed	20	Apr	00:00

ADDON/ED DATED A TUMES

# **Minor Ancillary Facility Checklist**

## 1. Criteria for Minor Ancillary Facilities

The Project's Conditions of Approval (CoA) allows for the establishment and operation of Minor Ancillary Facilities on the Narrabri to North Star (N2NS) Project. Condition A21 states:

CoA A21 Facilities including lunch sheds, office sheds, material lay down sites, stockpile areas, areas used to assemble infrastructure, and portable toilet facilities can be established and operated where they satisfy the following criteria:

- (a) are located within the construction boundary; and
- (b) have been assessed by the ER to have
  - *i.* low amenity impacts to surrounding residences and businesses, after consideration of matters such as compliance with the interim Construction Noise Guideline (DECC, 2009), traffic and access impacts, dust and odour impacts and visual (including light) impacts, and
  - ii. Low environmental impact with respect to waste management and flooding, and
  - iii. No impacts on biodiversity, soil and water and heritage items beyond those already approved under the other terms of this approval.

This Minor Ancillary Facility Checklist has been prepared to assess the proposed Minor Ancillary Facility against the requirements of CoA A21 and all other environmental requirements. Mitigation measures have also been provided to ensure that any environmental risks or impacts to the Community are suitably managed.

These facilities will be located in accordance with the criteria listed in Table 2 and submitted to the Project's Environmental Representative (ER) for approval prior to site works commencing.

Site Name:	Minor Ancillary Facility (Bobbiwaa South Caravan)		
Location:	CH582.9 (Narrabri, NSW)		
Chainage:	CH582.85 – CH583		
Program*:	Construction: March 2022 Occupation: March 2022 – April 2023		
Land Use:	RU1 – Primary Production (Source: Narrabri Shire Council LEP)		
Footprint / Size:	< 2,300m <sup>2</sup>		
Use:	<ul> <li>Minor Ancillary Facility (Bobbiwaa South Caravan) will be utilised for the following purposes:</li> <li>Trailer based (mobile) site office, port-o-loo and generator.</li> <li>Carparking for site personnel.</li> <li>General Storage</li> </ul>		
Site Surroundings:	<ul> <li>Minor Ancillary Facility (Bobbiwaa South Caravan) is surrounded by:</li> <li>North: Rail line, BR04, agricultural (cropping) land, Newell Highway, and private road.</li> <li>East: Rail line, access gate, Newell Highway and agricultural (cropping) land.</li> <li>South: Rail line, sparsely vegetated land, agricultural (cropping) land, and Spring Creek.</li> <li>West: Sparsely vegetated land, private unsealed road, and agricultural (cropping) land.</li> <li>Access to Minor Ancillary Facility (Bobbiwaa South Caravan) will be provided via access Gate 3 at LX3055, off of the Newell Highway.</li> <li>Entry/Exit will be operated as per Vehicle Movement Plan in Appendix C, facilitated under TfNSW Road Occupancy Licence, detailed in Appendix D.</li> </ul>		

#### Table 1: Minor Ancillary Facility – Site Description

<ul> <li>Process:</li> <li>The proposed footprint of the MAF will be demarcated in the field using hi-visibility flagging (or other approved method) and "No-Go Zone" signage.</li> <li>Topsoil will be stripped and utilised for erosion and sediment controls. The topsoil stockpiled / windrowed will be hand seeded.</li> <li>Establishment of the site's erosion and sediment controls will be progressively instal in accordance with the site's Progressive Erosion and Sediment Control Plan.</li> <li>Mobilisation of site facilities: The trailer based (caravan-style) site office, port-o-loo a generator will be mobilised to site.</li> <li>The site compound will be assessed in the field for visual impact to neighbouring sen receivers. If the visual impact is deemed moderate or high, ATF style fencing screening will be installed.</li> <li>Unless specified in a TfNSW approval, anti-gawking screens will not be applied adja this MAF location. The need for anti-gawking screens has been risk assessed by a su qualified and experienced Traffic Engineer.</li> </ul>
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\*NOTE: Subject to weather and unexpected site conditions

#### Table 2: Minor Ancillary Facility - Criteria

Criteria	Compliant (Y) Yes (N) No	Comments
Located within the construction boundary as defined by the approval (CoA A21(a)).	Y	Minor Ancillary Facility (Bobbiwaa South Caravan) occurs on land that occurs within the Project's Submission Preferred Infrastructure Report (SPIR) Construction Impact Zone and the CIZ – Construction WIP (20210909).
		Refer to Appendix A for the location.
Compliance with the Interim Construction Noise Guideline (CoA	Y	There are no sensitive (residential) receivers identified within 1km of the proposed MAF (Bobbiwaa South Caravan) site.
A21(b)(i)		Prior to site establishment works commencing, all potentially impacted landholder/s will be consulted regarding potential noise impacts associated with the establishment and operation of MAF (Bobbiwaa South Caravan).
At least 50m from watercourses and outside the 5% AEP flood zone	Y	The proposed MAF (Bobbiwaa South Caravan) is located approximately 225 metres north of Spring Creek.
(CoA A21(b)(ii))		The proposed MAF (Bobbiwaa South Caravan) site lies outside the area impacted by the existing 5% AEP local (blue highlighted in Appendix A).
Not within areas identified as threatened	Y	Approximately <2,205m <sup>2</sup> (~95%) of the proposed MAF (Bobbiwaa South Caravan) site is mapped as:
communities or species habitats beyond those		- ZoneCleared/Non-native Vegetation.
already approved under the terms of the project		And approximately 95m (~5%) of the proposed MAF (Bobbiwaa South Caravan) site is mapped as:
approval (CoA A21(b)(iii)		<ul> <li>Zone - 6 - PCT-56 BVT-BR186, NA182-Poplar Box - Belah woodland on clay-loam soils on alluvial plains of north-central NSW-Derived Native Grasslands</li> </ul>
		All vegetation within the SPIR CIZ has been accounted for within the clearing limits detailed in CoA Table E1 and will be offset in accordance with ARTC's Biodiversity Offset Strategy.

Minor Ancillary Facility Checklist - (Bobbiwaa South Caravan Caravan) - Rev. 2

Criteria	Compliant (Y) Yes (N) No	Comments
No significant impacts to utilities, primarily gas and electricity	Y	The establishment and operation of MAF (Bobbiwaa South Caravan) will not result in significant impacts to existing gas, electrical, water or communications utilities.
Not on or near sites with known Aboriginal or non- Aboriginal heritage (CoA A21(b)(iii)	Y	No areas or items of Aboriginal or non-Aboriginal significance have been identified within the area impacted by the proposed MAF (Bobbiwaa South Caravan) site. The Aboriginal Cultural Heritage Management Plan, Narrabri to North Star – Separable Portion 1 (N2NS SP1), dated 18th December 2020 has been reviewed and there are no areas or items that require further salvage or survey.
Safe access to the road network and rail corridor and low impacts on traffic and access (CoA A21(b)(i)	Y	Access to Minor Ancillary Facility (Bobbiwaa South Caravan) will be available south of the MAF (Bobbiwaa South Caravan) site at LX3055, access Gate 3, off the Newell Highway. Refer to Appendix C for further details.
Relatively flat land	Y	Minor Ancillary Facility (Bobbiwaa South Caravan) is located on relatively flat land with <1m fall across the site.
Low environmental impact with respect to waste management and flooding (CoA A21(b)(ii)	Y	<ul> <li>The establishment and operation of the proposed MAF (Bobbiwaa South Caravan) will generate minor waste volumes. These waste streams will generally consist of the following: <ul> <li>Wastewater</li> <li>Wastepaper / cardboard</li> <li>Rubbish and debris</li> <li>Food waste</li> </ul> </li> <li>The volumes of waste generated will be reduced and reuse will be maximised by implementing the mitigation measures detailed in Section 2 below.</li> <li>Flooding risk has been addressed above.</li> </ul>
No impacts on biodiversity, soil and water, and heritage items beyond those already approved under SSI 7474 approval (CoA A21(b)(iii)	Y	The environmental impacts associated with the establishment and operation of Minor Ancillary Facility (Bobbiwaa South Caravan) are considered minor and consistent with those impacts approved under SSI 7474.
Boundary screening around all facilities adjacent to and visible from sensitive receivers for the duration of use of the ancillary facility unless otherwise agreed with the relevant council and affected residents, business operators or landowners (COA A22)	Y	Minor Ancillary Facility (Bobbiwaa South Caravan) will be assessed for visual impact from any surrounding sensitive receivers. Screening will be applied where the MAF site represents a moderate to high visual impact.

A locational map, environmental constraints and co-ordinates have been provided in Appendix A and B.

## 2. Mitigation Measures

Based on the site details and environmental constraints identified in Table 1 and Table 2 above, the key environmental risks associated with the establishment and operation of the Minor Ancillary Facility (Bobbiwaa South Caravan) include:

- Dust and associated impacts to air quality resulting from access and use; and
- Noise impacts to surrounding sensitive receivers.

With the implementation of the mitigation measures detailed in Table 3 below, these impacts are considered to be minor and consistent with those impacts assessed and approved under CSSI 7474.

#### Table 3: Minor Ancillary Facility – Mitigation Measures

	Measure/Requirement	Responsibility	Timing/ frequency
1)	<ul> <li>Site inductions will include the following specific components for biodiversity, noise, dust, surface water, erosion &amp; sediment control management:</li> <li>Awareness of General Environmental Duty and Duty to Notify, (legislative obligations)</li> </ul>	Environmental Manager	Pre- construction
	<ul> <li>The requirement for erosion and sediment control devices to be implemented and maintained in accordance with the Erosion &amp; Sediment Control Plan</li> <li>Waste Management</li> <li>The mapped, native vegetation occurring within and adjacent the site and the significance of the TEC.</li> <li>The No-Go Zones for the MAF, incl. the significance of this control and the environmental constraints it's protecting i.e. mapped TEC, threatened species, etc.</li> <li>Hours of operation.</li> <li>General noise related mitigation measures.</li> </ul>		
2)	Progressive Erosion and Sediment Control Plans (PESCPs) will be developed by Trans4m Rail's CPESC and implemented prior to and during site establishment.	Environmental Manager	Pre- construction
3)	Controls must be in place to prevent tracking dirt and mud onto roads.	Construction Supervisor	Construction
4)	Spoil, mud or the like spilt onto sealed roads to be removed within 24hrs or before end of shift (5pm AEDT if Newell HWY is affected) through use of a street sweeper or other means. Controls to minimise mud-tracking onto public roads will generally include rumble grids (i.e. similar to Pad 2), stabilised site access (i.e. rock, gravels, etc) or sheeting of the MAF with clean rock material (i.e. similar to Pad 4).	Construction Supervisor	Construction
5)	Mobile plant and vehicles, including deliveries must use designated travel routes, site access routes, site access tracks and lay down areas.	Construction Supervisor	Construction
6)	Any activities requiring the discharge of construction water off site will be undertaken in accordance with the PESCP.	All personnel / Environmental Manager	Construction
7)	Slashing limits (incl. vegetation to be retained) must be clearly identified and physically demarcated on-site. Slashing, clearing or other ground disturbance activities must not occur outside these areas unless otherwise approved in writing by the Environment Manager, or suitable delegate.	Construction Supervisor	Construction
8)	Groundcover to be re-established as soon as practicable to prevent erosion during construction.	Construction Supervisor	Construction
9)	In the event that an area or item of heritage significance, threatened species, contaminated material or asbestos containing materials (ACM) are discovered or suspected on-site, then all	All personnel / Construction Supervisor	Construction

	Measure/Requirement	Responsibility	Timing/ frequency
	<ul> <li>works affecting the find must cease immediately, the area secured, and relevant Trans4m Rail's Unexpected Finds Procedure / Protocol will be implemented.</li> <li>Trans4m Rail's Environmental Manager (or delegate), ARTC and the Project Environmental Representative must be immediately notified of any unexpected finds. Other stakeholders (e.g. NSW EPA, OEH, DPIE, WaterNSW, Council, local landholders, etc) may also be notified depending on the nature and scale of the unexpected find.</li> </ul>		
10)	Any spills or leaks of chemicals, fuels, oils, effluent or any other hazardous substance that occurs during site establishment must be managed and reported in accordance with Trans4m Rail's Environmental Incident Response and Reporting Procedure.	All personnel / Construction Supervisor	Construction
11)	Refuelling activities must always be closely supervised. Plant and equipment being refuelled must not be left unattended for any period of time.	All personnel / Construction Supervisor	Construction
12)	The land on which ancillary facilities, laydowns areas, access tracks and all other temporary works are located shall be rehabilitated to at least their pre-construction condition or better, unless otherwise agreed by the landowner.	Construction Supervisor	Construction
13)	<ul> <li>Weather forecast will be reviewed daily (via http://www.bom.gov.au/) and additional measures implemented where unfavourable weather conditions (i.e. hot, dry weather, high wind speed (&gt;10m/s)) are anticipated. Measures to be implemented during unfavourable weather conditions may include a reduction of speed, a modified construction methodology, alternative plant and equipment, altering the scheduled works or program for the day, additional water carts or ceasing dust generating activities until conditions are more favourable.</li> <li>Dust will be monitored and managed in accordance with the mitigation measures detailed in Project's CSWMP.</li> <li>In addition to this, the following measures will be undertaken;</li> <li>Where practical, the MAF carpark and trafficked areas will be sheeted with clean rock / gravel material.</li> <li>Increased training and surveillance of dust by key Project personnel (i.e. Superintendents, Supervisors, Operators etc).</li> <li>Stockpiling and material handling will be avoided in MAFs adjacent the Newell Hwy.</li> <li>Long term stockpiles (&gt;1 month) will be compacted using an excavator bucket and soil binder applied (where practicable).</li> <li>Where practicable, soil binder will be used on highly trafficked areas.</li> <li>Material i.e. gravel, ballast, etc will be watered down prior to loading, handling and movement.</li> </ul>	Environmental Manager / Construction Supervisor	Construction
14)	<ul> <li>to loading, handling and movement.</li> <li>The following dust control measures will be utilised to suppress dust being generated from access roads, laydown areas, ancillary facilities and all other exposed surfaces; water application via watercarts and alternative means (i.e. sprinklers, hoses), sealing or stabilisation of highly trafficked areas, dust screens, application of geofabric or jute mat or the application of soil binding agents. The frequency of use will be modified depending on the prevailing wind and weather conditions.</li> <li>If dust impacts the Newell HWY at any stage, all works will cease until causation has been rectified.</li> </ul>	Construction Supervisor	Construction

Minor Ancillary Facility Checklist - (Bobbiwaa South Caravan Caravan) - Rev. 2

	Measure/Requirement	Responsibility	Timing/ frequency
15)	Exhaust systems of construction plant, vehicles and machinery will be maintained in accordance with manufacturer's specifications to ensure that emissions do not exceed EPA regulations. Periodic visual checks will be undertaken daily.	Construction Supervisor	Construction
16)	Waste will be segregated and collected on a regular basis to ensure odours associated with waste do not become an issue to surrounding sensitive receivers. All waste will be collected and disposed of at a licensed facility.	All personnel	Construction
17)	All works will be undertaken in accordance with the standard construction hours detailed in Condition of Approval E1.	Construction Supervisor	Construction
18)	Notification undertaken during construction would inform relevant stakeholders of the work locations and timing, and the potential for noise impacts.	Community Engagement Team	Construction
19)	Boundary screening will be erected if a site inspection determines that the MAF could significantly impact sensitive receivers.	Environment Manager / Construction Supervisor	Construction

## 3. Certification

This Minor Ancillary Facility Checklist provides a true and fair review of the proposed activity for the Inland Rail N2NS upgrade project.

Signed: MW

Name: Maggie Wilton

Position: Trans4m Environment & Sustainability Administration Assistant

Date: 01/04/2022



Signed:

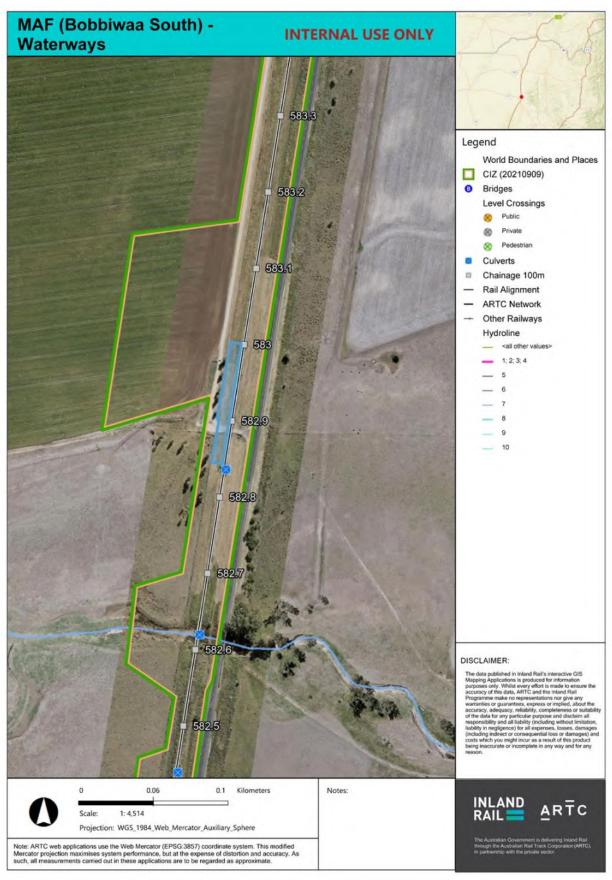
Name: Steve Fermio

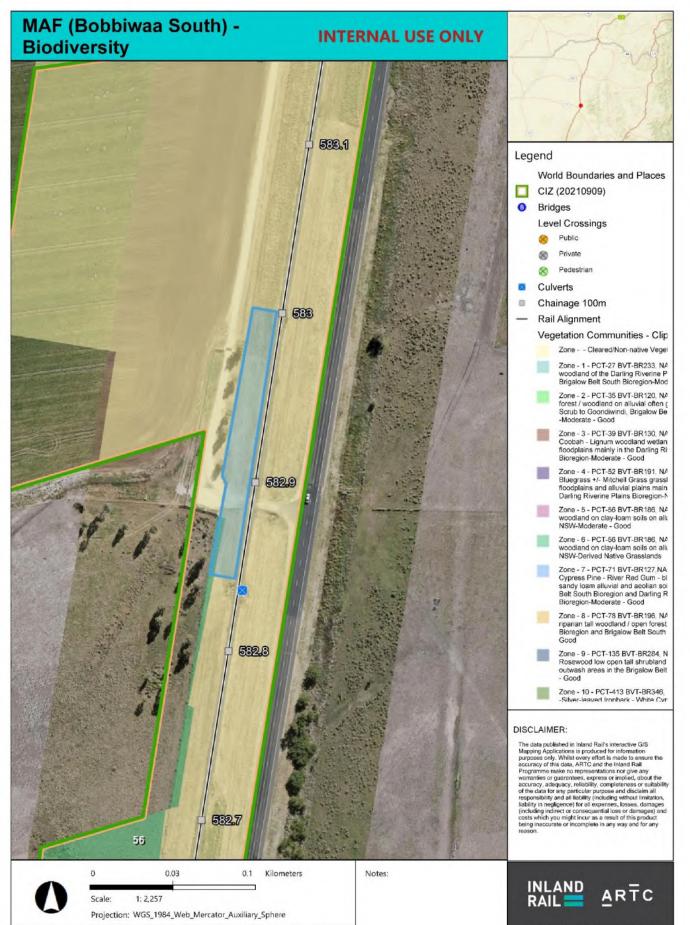
Position: Environmental Representative

Date: 7 / 4 /2022

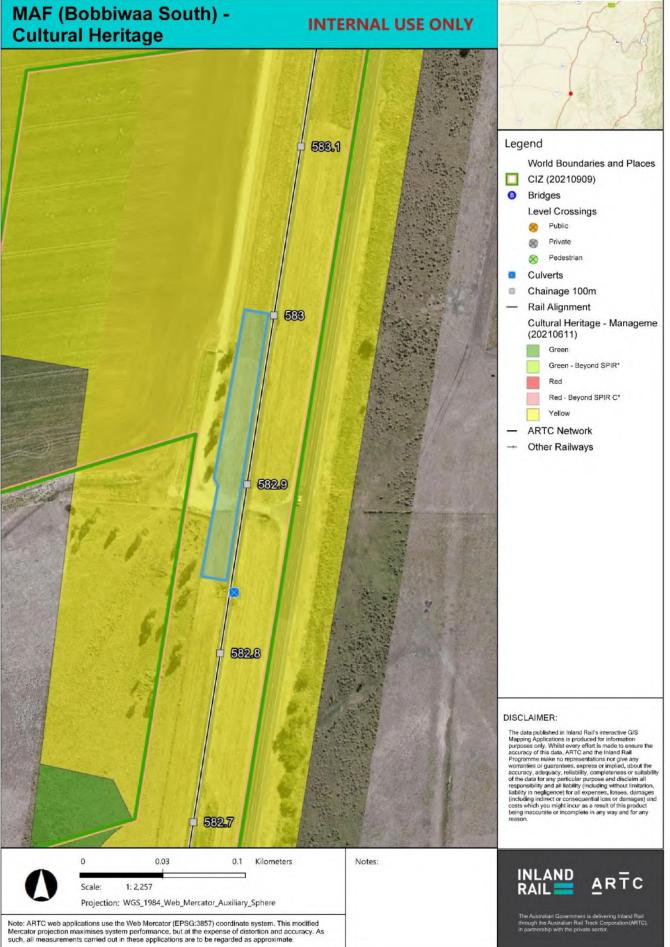
Note: This MAF approval does not constitute in any way an authorisation of the traffic control and entry / exit arrangements for light and heavy vehicles at this site. These are subject to separate approval by, and the requirements of, TfNSW (or Local Council) through the relevant Road Occupancy Licence/s, Speed Zone Authorisation/s, Traffic Management Plan or any other TfNSW or Local Council regulatory requirements.

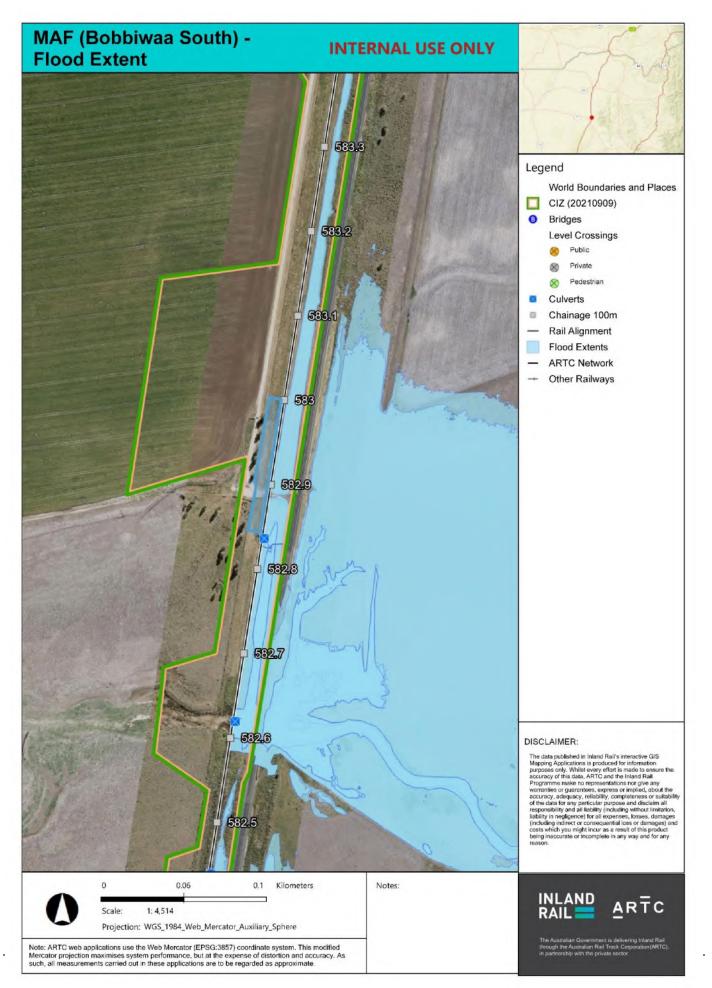
# Appendix A: Site Location (incl. Environmentally Sensitive Areas)

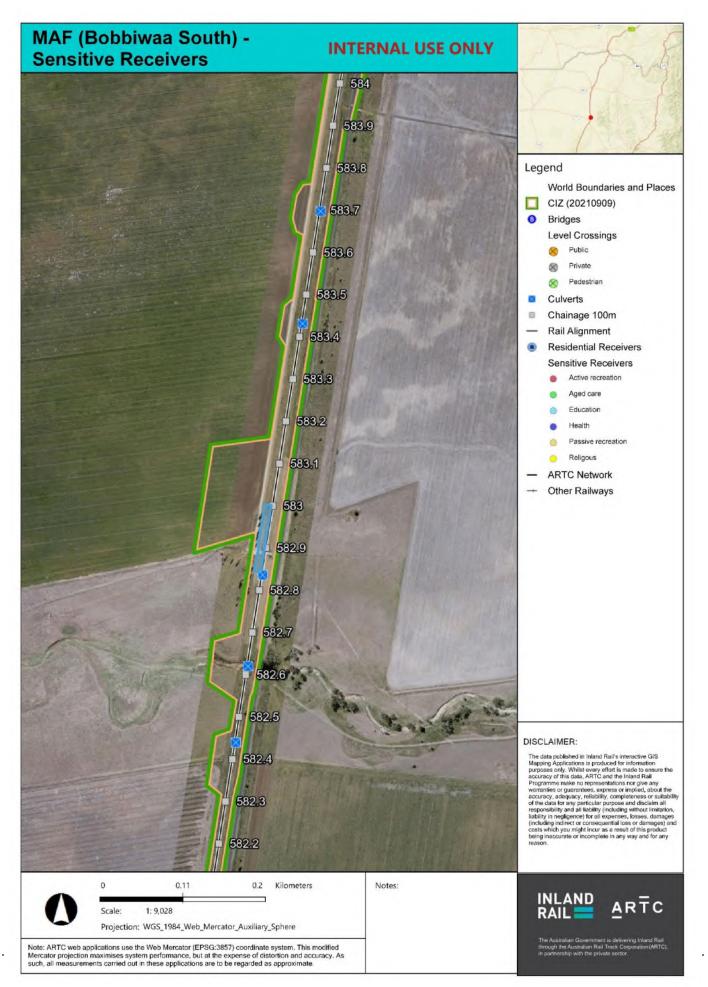




Note: ARTC web applications use the Web Mercator (EPSG:3857) coordinate system. This modified Mercator projection maximises system performance, but at the expense of distortion and accuracy. As such, all measurements carried out in these applications are to be regarded as approximate.



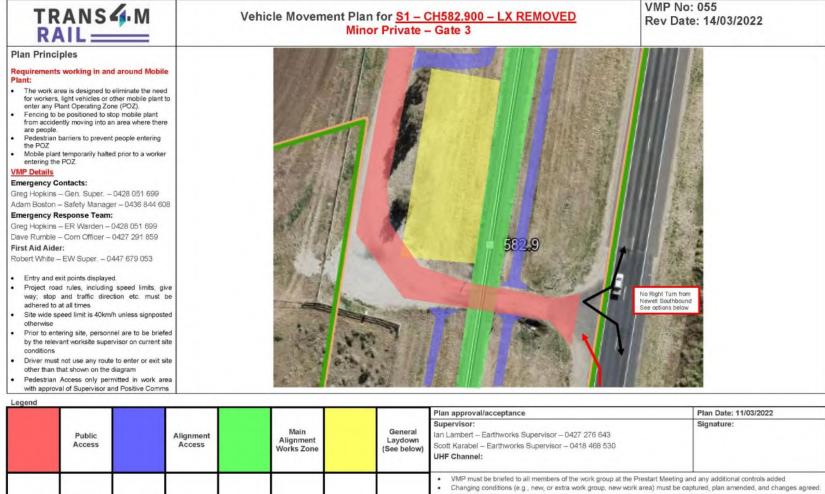




# **Appendix B: Site Location (Co-ordinates)**

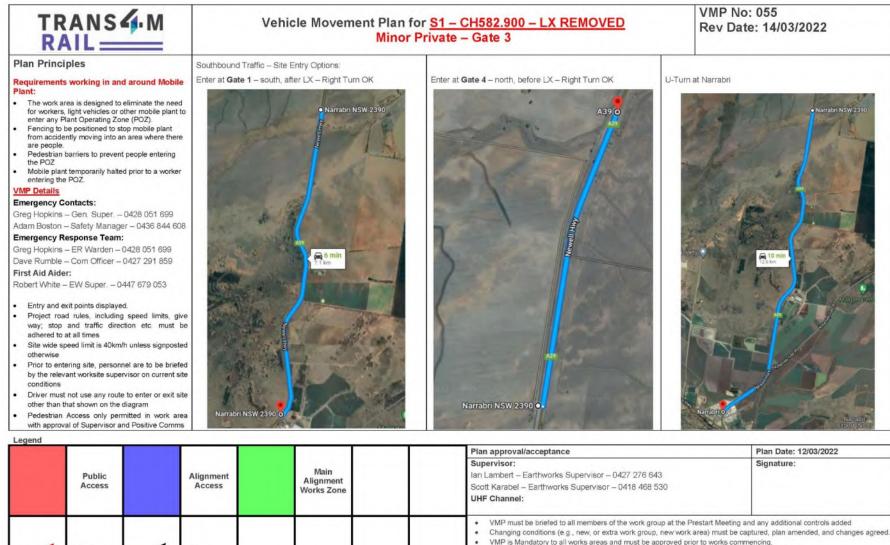
1	Lat: 30.20710° S
_	Lon: 149.81286° E
2	Lat: 30.20712° S
_	Lon: 149.81301° E
3	Lat: 30.20853° S
•	Lon: 149.81275° E
4	Lat: 30.20850° S
•	Lon: 149.81260° E

## **Appendix C: Vehicle Movement Plan**



All Traffic

#### Minor Ancillary Facility Checklist - (Bobbiwaa South Caravan Caravan) - Rev. 2



Pedestrian Access will be finalised on site.

All Traffic

OUT

All Traffic

IN

#### Minor Ancillary Facility Checklist - (Bobbiwaa South Caravan Caravan) - Rev. 2



#### I enend

**Plan Principles** 

are people.

the POZ

First Aid Aider:

otherwise

conditions

entering the POZ. VMP Details **Emergency Contacts:** 

Emergency Response Team:

· Entry and exit points displayed.

adhered to at all times

Plant:

				Plan approval/acceptance	Plan Date: 11/03/2022
Materials Laydown	Crib Facilities	LV Carpark	HV Carpark	Supervisor: Ian Lambert – Earthworks Supervisor – 0427 276 643 Scott Karabel – Earthworks Supervisor – 0418 468 530 UHF Channel:	Signature:
Lime Storage	Ballast	Delineation Pedestrian Access	Mixed Access LV Access HV Access Solid 2-Way Dash 1-Way	<ul> <li>VMP must be briefed to all members of the work group at the Presta</li> <li>Changing conditions (e.g., new, or extra work group, new work area</li> <li>VMP is Mandatory to all works areas and must be approved prior to</li> <li>Ensure vehicles do not obstruct highway or level crossing when trans</li> <li>Pedestrian Access will be finalised on site.</li> </ul>	) must be captured, plan amended, and changes agreed works commencing.

NSW

Transport Roads & Maritime Services

# Appendix D: Road Occupancy Licence (ROL)

ROAD OCCUPANCY LICENCE

LICENCE NO : 556329

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMENT Project: This Activity :	- NEW CONSTRUCTION Not Applicable In Land Rail. Narrabri to North Star. Newell Highway Section from Narrabri to Gurley.	LOCATIC Subject R From: To: Council:		WE KA		A RD, NA A RD, G					
Work Description: Survey, Vegetation maintenanc Light Vehicle Movements, Minor Heavy Vehicle Movements <20											
LICENSEE		ONSITE	CONT	ACT							
Organisation:	Trans4m Rail Joint Venture	Name:		Lu	ke McG	Soldrick					
Ref No:		Phone:		04	137775	63					
Name:	Luke McGoldrick										
Phone:	0413777563										
TRAFFIC MANAG	GEMENT	LICENC	E DUR	ATIO	N						
low Management	Contra Flow; Standard Lane Merge; Mobile Works;	From:		21-	Mar-20	022					
	Portable Signals; Short Term / Intermittent Works;	To:		20-	Apr-20	22					
	Stop / Slow Control										
Closure Type:	All lanes both directions										
Closure Lane(s):	Shoulder; Median Shoulder										
Direction(s):	All Directions										
LICENCE COND	ITIONS		APPR	OVE		ES & T	MES	3			
	E SHIFT ACTIVATION WEB ADDRESS			From	n Shift				То	Shift	
https://myrol.tra	https://myroi.transport.nsw.gov.au TO ACTIVATE AND DEACTIVA APPROVED ROAD OCCUPANCY LICENCE(S). (TO CHANGE TR			D	м	Time		То	D	м	Tim
CONTROL SIG	NALS TO FLASHING YELLOW OR TO ACTIVATE /ARIABLE MESSAGE SIGNS DIAL 1800 679 782)	ATTO	Mon Tue	21 22	Mar Mar	00:00 00:00	2	Tue Wed	22 23	Mar Mar	00:00
GUIDANCE SC	IS NOT AN APPROVAL OF THE PROPONENT'S T HEMES (TGS): PLEASE NOTE WORKCOVER REC GUIDANCE SCHEMES (TGS) COMPLY WITH AS	QUIRES	Wed Thu	23 24	Mar Mar	00:00	:	Thu Fri	24 25	Mar	00:0
	RELATING TO NOISE GENERATION OR OTHER		Fri	25	Mar	00:00	-	Sat	26	Mar	00:0
	TAL FACTORS ON SITE ARE UNDER THE JURISI L COUNCIL AND/OR THE ENVIRONMENTAL PRO		Sat	26	Mar	00:00	-	Sun	27	Mar	00:0
AUTHORITY.	E COONCIE AND/OR THE ENVIRONMENTAL PRO	LCHON	Sun	27	Mar	00:00	-	Mon	28	Mar	00:0
4 SHOULD THE	PROPOSED WORKS INVOLVE UNDERBORING O	R	Mon	28	Mar	00:00	-	Tue	29	Mar	00:00
	OF STATE ROAD ASSETS OR THE REMOVAL OF DETAILS OF WORKS MUST BE APPROVED BY T		Tue	29	Mar	00:00	-	Wed	30	Mar	00:0
FOR GREATER	R SYDNEY REGION CONTACT:		Wed	30	Mar	00:00	-	Thu	31	Mar	00:0
	oads@transport.nsw.gov.au. FOR REGIONAL & OU \N. CONTACT: road.access@transport.nsw.gov.au.	IER	Thu	31	Mar	00:00	-	Fri	01	Apr	00:0
	I TO AFFECTED BUSINESSES, RESIDENTS AND		Fri	01	Apr	00:00	•	Sat	02	Apr	00:0
	RS MUST BE UNDERTAKEN AT LEAST 5 BUSINE RKS COMMENCING	SS DAYS	Sat	02	Apr	00:00	-	Sun	03	Apr	00:0
	OVANCE WARNING MUST BE PROVIDED TO		Sun	03	Apr	00:00	-	Mon	04	Apr	00:0
6 ADEQUATE AD	G MOTORISTS.		Mon	04	Apr	00:00	-	Tue	05	Apr	00:0
APPROACHIN	EFFECTIVE MONITORING OF END-OF-QUEUE CONDITION MU		Tue Wed	05 06	Apr	00:00 00:00	-	Wed Thu	06 07		00:00
7 EFFECTIVE M	IS OUS WHO CONTRACTO CONDITIONS OF	THIS	vveu		Apr Apr	00:00	-	Fri	07		00:00
APPROACHING 7 EFFECTIVE M IMPLEMENTED LICENCE OCC	). IF QUEUING CONTRARY TO CONDITIONS OF URS, THEN THE ROAD MUST BE RE-OPENED AI		Thu	07		00.00	-				
APPROACHING 7 EFFECTIVE M IMPLEMENTED LICENCE OCC TRAFFIC QUE	D. IF QUEUING CONTRARY TO CONDITIONS OF URS, THEN THE ROAD MUST BE RE-OPENED AN UE MUST BE CLEARED.		Thu Fri	07 08		00.00	-	Sat	09	Anr	
APPROACHING FFECTIVE MO IMPLEMENTED LICENCE OCC TRAFFIC QUE 8 THE 40SZA IS	D. IF QUEUING CONTRARY TO CONDITIONS OF URS, THEN THE ROAD MUST BE RE-OPENED AI UE MUST BE CLEARED. TO BE USED ONLY WHEN TRAFFIC CONTROL	ND	Fri	08	Apr	00:00	-	Sat Sun	09 10	Apr	
APPROACHIN 7 EFFECTIVE M IMPLEMENTED LICENCE OCC TRAFFIC QUE 8 THE 40SZA IS MEASURES H PROGRESS.4	D. IF QUEUING CONTRARY TO CONDITIONS OF URS, THEN THE ROAD MUST BE RE-OPENED AN UE MUST BE CLEARED.	ND RE IN	Fri Sat	08 09	Apr Apr	00:00		Sun	10	Apr	00:0
APPROACHING FFECTIVE M IMPLEMENTED LICENCE OCC TRAFFIC QUE HE 40SZA IS MEASURES H PROGRESS. 4 LENGTH.	D. IF QUEUING CONTRARY TO CONDITIONS OF URS, THEN THE ROAD MUST BE RE-OPENED AN UE MUST BE CLEARED. TO BE USED ONLY WHEN TRAFFIC CONTROL AVE BEEN IMPLEMENTED AND ROAD WORKS AN OKM/H ZONE SHOULD NOT EXCEED 500 METRE	ND RE IN S IN	Fri	08	Apr		-			Apr Apr	00:00 00:00
APPROACHING TEFFECTIVE M IMPLEMENTED LICENCE OCC TRAFFIC QUE THE 40SZA IS MEASURES H PROGRESS. 4 LENGTH. 9 ANY STOPPAC	D. IF QUEUING CONTRARY TO CONDITIONS OF URS, THEN THE ROAD MUST BE RE-OPENED AT UE MUST BE CLEARED. TO BE USED ONLY WHEN TRAFFIC CONTROL AVE BEEN IMPLEMENTED AND ROAD WORKS AT	ND RE IN S IN IN THIS	Fri Sat Sun	08 09 10	Apr Apr Apr	00:00 00:00	:	Sun Mon	10 11	Apr Apr Apr	00:00 00:00 00:00
APPROACHING TEFFECTIVE MI IMPLEMENTED LICENCE OCC TRAFFIC QUE THE 40SZA IS MEASURES H PROGRESS. 4 LENGTH. ANY STOPPAC LICENCE MUS 500 METRES I	D. IF QUEUING CONTRARY TO CONDITIONS OF URS, THEN THE ROAD MUST BE RE-OPENED AN UE MUST BE CLEARED. TO BE USED ONLY WHEN TRAFFIC CONTROL AVE BEEN IMPLEMENTED AND ROAD WORKS AN OKM/H ZONE SHOULD NOT EXCEED 500 METRE SES OF TRAFFIC RESULTING FROM ACTIVITIES T NOT EXCEED 5 MINUTES PER INSTANCE OR IS N LENGTH. ALL TRAFFIC QUEUES MUST BE CLE	ND RE IN S IN IN THIS EXCEED ARED	Fri Sat Sun Mon	08 09 10 11	Apr Apr Apr Apr	00:00 00:00 00:00	•	Sun Mon Tue	10 11 12	Apr Apr Apr	00:0 00:0 00:0 00:0 00:0
APPROACHING FFECTIVE MI IMPLEMENTED LICENCE OCC TRAFFIC QUE TRAFFIC QUE THE 40SZA IS MEASURES H PROGRESS. 4 LENGTH. ANY STOPPAC LICENCE MUS 500 METRES I	D. IF QUEUING CONTRARY TO CONDITIONS OF URS, THEN THE ROAD MUST BE RE-OPENED AT UE MUST BE CLEARED. TO BE USED ONLY WHEN TRAFFIC CONTROL AVE BEEN IMPLEMENTED AND ROAD WORKS AT 0KM/H ZONE SHOULD NOT EXCEED 500 METRE DES OF TRAFFIC RESULTING FROM ACTIVITIES T NOT EXCEED 5 MINUTES PER INSTANCE OR F	ND RE IN S IN IN THIS EXCEED ARED	Fri Sat Sun Mon Tue	08 09 10 11 12	Apr Apr Apr Apr Apr	00:00 00:00 00:00 00:00		Sun Mon Tue Wed	10 11 12 13	Apr Apr Apr Apr	00:0 00:0 00:0 00:0

All pages of this Road Occupancy Licence and associated Speed Zone Authorisation(s) must be available on site at all times and must be produced for inspection when requested by representatives of NSW Police, Roads & Maritimes Services, Transport for NSW and other Government Agencies.

Page 1 of 8

## ROAD OCCUPANCY LICENCE



#### LICENCE NO : 556329

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMENT	- NEW CONSTRUCTION	LOCATI	ON								
Project:	Not Applicable	Subject R	load:	NE	WELL	HWY					
This Activity :	In Land Rail. Narrabri to North Star. Newell	From:	WEE WAA RD, NARRABRI								
	Highway Section from Narrabri to Gurley.	To:	KANIMBLA RD, GURLEY								
			NA	RRAB	RI						
	Work Description: Survey, Vegetation maintenance										
	Light Vehicle Movements, Minor Heavy Vehicle										
	Movements <20										
LICENSEE		ONSITE	CONT	ACT							
Organisation:	Trans4m Rail Joint Venture	Name:		Lu	ke McC	Soldrick					
Ref No:		Phone:	Phone: 0413777563								
Name:	Luke McGoldrick										
Phone:	0413777563										
TRAFFIC MANAG	GEMENT	LICENC	EDUR	ATIO	N						
Flow Management	Contra Flow; Standard Lane Merge; Mobile Works;	From:		21-	-Mar-2	022					
	Portable Signals; Short Term / Intermittent Works; Stop / Slow Control	To:		20-	Apr-20	022					
Closure Type:	All lanes both directions										
Closure Lane(s):	Shoulder; Median Shoulder										
Direction(s):	All Directions										
LICENCE COND	ITIONS		APPR	OVE	D DAT	ES&T	IMES	3			_
	RAFFIC SIGNALS MUST BE IN ACCORDANCE WIT			From	n Shift				То	Shift	
	STANDARDS AND APPROVED FOR USE BY TFNS N OF PORTABLE TRAFFIC SIGNALS MUST COMF		From	D	м	Time	-	То	D	м	Time
THE TRAFFIC	CONTROL AT WORKSITES MANUAL. TRAFFIC Q		Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
	NITORED AND MANAGED.		Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
11 LANE WIDTHS HEAVY VEHIC	MUST BE SUFFICIENT TO PERMIT CLEAR ACCE	ESS FOR	Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
HEAVT VEHIC	LEO.										

12 MOBILE WORKS MUST COMPLY WITH AUSTRALIAN STANDARDS 1742.3 AND TINSW'S TRAFFIC CONTROL AT WORK SITES MANUAL. MOBILE WORKS MUST GIVE PRIORITY TO PLANNED SITE-SPECIFIC ROL APPROVALS.

#### Tue 19 Apr 00:00 -Wed 20 Apr 00:00



Transport **Roads & Maritime** Services

#### LIC/SZA NO: 556329/001 ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMENT	- NEW CONSTRUCTION	SPEED LIMIT F	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highway	Reduced To :	80 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LOCATION		TRAFFIC MAN	IAGEMENT	
Subject Road:	NEWELL HWY	Distance(m):	2000	
From:	WEE WAA RD, NARRABRI	Direction:	All Directions	
To:	KANIMBLA RD, GURLEY			
Council:				
LICENSEE		ONSITE CON	TACT	
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
Ref No:		Phone:	0413777563	

Name: Luke McGoldrick 0413777563 Phone:

#### **APPROVED DATES & TIMES**

	From	h Shift				То	Shift	
From	D	M	Time	-	То	D	м	Time
Mon	21	Mar	00:00	-	Tue	19	Apr	00:00
Tue	22	Mar	00:00	-	Wed	23	Mar	00:00
Wed	23	Mar	00:00	-	Thu	24	Mar	00:00
Thu	24	Mar	00:00	-	Fri	25	Mar	00:00
Fri	25	Mar	00:00	-	Sat	26	Mar	00:00
Sat	26	Mar	00:00	-	Sun	27	Mar	00:00
Sun	27	Mar	00:00	-	Mon	28	Mar	00:00
Mon	28	Mar	00:00	-	Tue	29	Mar	00:00
Tue	29	Mar	00:00	-	Wed	30	Mar	00:00
Wed	30	Mar	00:00	-	Thu	31	Mar	00:00
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00
Fri	01	Apr	00:00	-	Sat	02	Apr	00:00
Sat	02	Apr	00:00	-	Sun	03	Apr	00:00
Sun	03	Apr	00:00	-	Mon	04	Apr	00:00
Mon	04	Apr	00:00	-	Tue	05	Apr	00:00
Tue	05	Apr	00:00	-	Wed	06	Apr	00:00
Wed	06	Apr	00:00	-	Thu	07	Apr	00:00
Thu	07	Apr	00:00	-	Fri	08	Apr	00:00
Fri	08	Apr	00:00	-	Sat	09	Apr	00:00
Sat	09	Apr	00:00	-	Sun	10	Apr	00:00
Sun	10	Apr	00:00	-	Mon	11	Apr	00:00
Mon	11	Apr	00:00	-	Tue	12	Apr	00:00



Transport Roads & Maritime Services

## LIC/SZA NO: 556329/001

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVEL	OPME	NT - N	EW CON	STRL	ICTION				SPEED LIMIT	REDUCTION				
Project:		No	t Applicab	ole					Existing:	110 Km/h				
This Acti	ivity :	In	Land Rail.	Narra	bri to Nor	h Star.	Newell	Reduced To :	80 Km/h					
		Se	ction from	Narra	bri to Gur	ey.								
		W	Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle											
		Lig	ht Vehicle	Move	ments, Mi	nor He	avy Veh	icle						
		Mo	ovements ·	<20										
periods.	The O	rganisat	ion is to m	aintair	accurate	record	s of whe	en the st	peed limit signs we	to be covered or removed outside the approved time ere installed and removed, including the location of the etion of each of the approved time periods as detailed				
LOCAT	ION								TRAFFIC MAN	AGEMENT				
Subject I	Road:	NE	WELL HV	VY					Distance(m):	2000				
From: WEE WAA RD, NARRABRI						Direction:	All Directions							
To:		KA	NIMBLA F	RD, GI	JRLEY									
Council:														
LICENS	SEE								ONSITE CONT	TACT				
Organisa	ation:	Tra	ans4m Rai	il Joint	Venture				Name:	Luke McGoldrick				
Ref No:									Phone:	0413777563				
Name:		Lu	ke McGold	drick										
Phone:		04	13777563											
APPRO	OVED	DATES	& TIMES	S										
	From	n Shift				То	Shift							
From	D	M	Time	-	То	D	M	Time						
Tue	12	Apr	00:00	-	Wed	13	Apr	00:00						
Wed	13	Apr	00:00	-	Thu	14	Apr	00:00						
Thu	14	Apr	00:00	-	Fri	15	Apr	00:00						
Fri	15	Apr	00:00	-	Sat	16	Apr	00:00						
0.4		Apr	00:00		Sun	17	Apr	00:00						
Sat Sun	16 17	Apr	00:00	-	Mon	18	Apr	00:00						

All pages of this Speed Zone Authorisation(s) must be available on site at all times and must be produced for inspection when requested by representatives of NSW Police, Roads & Maritimes Services, Transport for NSW and other Government Agencies.

00:00

00:00

Mon

Tue

18

19

Apr

Apr

00:00

00:00

Tue

Wed

-

-

19

20

Apr

Apr

Minor Ancillary Facility Checklist - (Bobbiwaa South Caravan Caravan) - Rev. 2

## SPEED ZONE AUTHORISATION



**Roads & Maritime** Services

#### LIC/SZA NO: 556329/002 ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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		REDUCTION	
cable	Existing:	110 Km/h	
ail. Narrabri to North Star. New	vell Highway Reduced To :	60 Km/h	
om Narrabri to Gurley.			
	ail. Narrabri to North Star. New	ail. Narrabri to North Star. Newell Highway Reduced To :	tail. Narrabri to North Star. Newell Highway Reduced To: 60 Km/h

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LOCATION		TRAFFIC MAN	TRAFFIC MANAGEMENT			
Subject Road:	NEWELL HWY	Distance(m):	2000			
From:	WEE WAA RD, NARRABRI	Direction:	All Directions			
To:	KANIMBLA RD, GURLEY					
Council:						
LICENSEE		ONSITE CON	TACT			
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick			
Ref No:		Phone:	0413777563			

Ref No:	
Name:	Luke McGoldrick
Phone:	0413777563

#### **APPROVED DATES & TIMES**

	From	h Shift		To Shift				
From	D	м	Time	-	То	D	м	Time
Mon	21	Mar	00:00	_	Tue	19	Apr	00:00
Tue	22	Mar	00:00	-	Wed	23	Mar	00:00
Wed	23	Mar	00:00	-	Thu	24	Mar	00:00
Thu	24	Mar	00:00	-	Fri	25	Mar	00:00
Fri	25	Mar	00:00	-	Sat	26	Mar	00:00
Sat	26	Mar	00:00	-	Sun	27	Mar	00:00
Sun	27	Mar	00:00	-	Mon	28	Mar	00:00
Mon	28	Mar	00:00	-	Tue	29	Mar	00:00
Tue	29	Mar	00:00	-	Wed	30	Mar	00:00
Wed	30	Mar	00:00	-	Thu	31	Mar	00:00
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00
Fri	01	Apr	00:00	-	Sat	02	Apr	00:00
Sat	02	Apr	00:00	-	Sun	03	Apr	00:00
Sun	03	Apr	00:00	-	Mon	04	Apr	00:00
Mon	04	Apr	00:00	-	Tue	05	Apr	00:00
Tue	05	Apr	00:00	-	Wed	06	Apr	00:00
Wed	06	Apr	00:00	-	Thu	07	Apr	00:00
Thu	07	Apr	00:00	-	Fri	08	Apr	00:00
Fri	08	Apr	00:00	-	Sat	09	Apr	00:00
Sat	09	Apr	00:00	_	Sun	10	Apr	00:00
Sun	10	Apr	00:00	-	Mon	11	Apr	00:00
Mon	11	Apr	00:00	-	Tue	12	Apr	00:00



#### LIC/SZA NO: 556329/002

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMEN	T - NEW CONSTRUCTION	SPEED LIMIT	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highway	Reduced To :	60 Km/h
	Section from Narrabri to Gurley.		
	Work Description: Survey, Vegetation maintenance,		
	Light Vehicle Movements, Minor Heavy Vehicle		
	Movements <20		
This Speed IIIIIL	is ONLY to be applied during the approved time periods		
periods. The Org	anisation is to maintain accurate records of when the s nd times. The existing posted speed limit* is to be reins	beed limit signs w	ere installed and removed, including the location of the
periods. The Org signs, the date a herein.	anisation is to maintain accurate records of when the sp	beed limit signs w	ere installed and removed, including the location of the etion of each of the approved time periods as detailed
periods. The Org signs, the date a herein.	anisation is to maintain accurate records of when the sp	peed limit signs we ated at the compl	ere installed and removed, including the location of the etion of each of the approved time periods as detailed
periods. The Org signs, the date a herein. LOCATION Subject Road:	anisation is to maintain accūrate records of when the s nd times. The existing posted speed limit* is to be reins	TRAFFIC MAN	ere installed and removed, including the location of the etion of each of the approved time periods as detailed IAGEMENT
periods. The Org signs, the date a	anisation is to maintain accurate records of when the s nd times. The existing posted speed limit* is to be reins NEWELL HWY	TRAFFIC MAN Distance(m):	ere installed and removed, including the location of the etion of each of the approved time periods as detailed IAGEMENT 2000
periods. The Org signs, the date a herein. LOCATION Subject Road: From:	anisation is to maintain accurate records of when the sp nd times. The existing posted speed limit* is to be reins NEWELL HWY WEE WAA RD, NARRABRI	TRAFFIC MAN Distance(m):	ere installed and removed, including the location of the etion of each of the approved time periods as detailed IAGEMENT 2000
periods. The Org signs, the date a herein. LOCATION Subject Road: From: To:	anisation is to maintain accurate records of when the sp nd times. The existing posted speed limit* is to be reins NEWELL HWY WEE WAA RD, NARRABRI	TRAFFIC MAN Distance(m):	ere installed and removed, including the location of the etion of each of the approved time periods as detailed IAGEMENT 2000 All Directions
periods. The Org signs, the date a herein. LOCATION Subject Road: From: To: Council:	anisation is to maintain accurate records of when the sp nd times. The existing posted speed limit* is to be reins NEWELL HWY WEE WAA RD, NARRABRI	TRAFFIC MAN Distance(m): Direction:	ere installed and removed, including the location of the etion of each of the approved time periods as detailed IAGEMENT 2000 All Directions
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	From	n Shift						
From	D	м	Time	-	То	D	м	Time
Tue	12	Apr	00:00	-	Wed	13	Apr	00:00
Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
Thu	14	Apr	00:00	-	Fri	15	Apr	00:00
Fri	15	Apr	00:00	-	Sat	16	Apr	00:00
Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
Tue	19	Apr	00:00	-	Wed	20	Apr	00:00



Transport **Roads & Maritime** Services

## LIC/SZA NO: 556329/003

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMENT - NEW CONSTRUCTION							SPEED LIMIT REDUCTION							
Project:		No	t Applicab	le					Existing: 110 Km/h					
This Activity : In Land Rail. Narrabri to North Star. Newell Highwa					th Star.	Newell	Highway	Reduced To :	40 Km/h					
		Se	Section from Narrabri to Gurley.											
		Wo	ork Descrip	otion: S	Survey, V	egetatio	on maint	enance,						
		Lig	ht Vehicle	Move	ments, M	inor He	avy Veh	icle						
		Mo	vements -	<20										
periods.	The O	rganisati	ion is to m	aintair	accurate	record	s of whe	in the sp	beed limit signs w	to be covered or removed outside the approved time ere installed and removed, including the location of the letion of each of the approved time periods as detailed				
	ION								TRAFFIC MAN	NAGEMENT				
Subject I		NE	WELL HV	VY					Distance(m):	500				
From:					RRABRI				Direction:	All Directions				
To:			NIMBLA F											
Council:														
LICENS	SEE								ONSITE CON	TACT				
Organisa		Tra	ans4m Rai	il Joint	Venture				Name:	Luke McGoldrick				
Ref No:									Phone:	0413777563				
Name:		Lul	ke McGold	frick										
Phone:		04	13777563											
APPRO	OVED I	DATES	& TIMES	5										
	From	h Shift				То	Shift							
From	D	М	Time	-	То	D	м	Time						
Mon	21	Mar	00:00	-	Tue	19	Apr	00:00						
Tue	22	Mar	00:00	-	Wed	23	Mar	00:00						
Wed	23	Mar	00:00	-	Thu	24	Mar	00:00						
Thu	24	Mar	00:00	-	Fri	25	Mar	00:00						
Fri	25	Mar	00:00	-	Sat	26	Mar	00:00						
Sat Sun	26 27	Mar Mar	00:00 00:00	-	Sun Mon	27 28	Mar Mar	00:00						
Mon	28	Mar	00:00	-	Tue	28	Mar	00:00						
Tue	20	Mar	00:00	-	Wed	30	Mar	00:00						
Wed	30	Mar	00:00	-	Thu	31	Mar	00:00						
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00						
Fri	01	Apr	00:00		Sat	02	Apr	00:00						
Sat	02	Apr	00:00	2	Sun	03	Apr	00:00						
Sun	03	Apr	00:00	-	Mon	04	Apr	00:00						
Mon	04	Apr	00:00	-	Tue	05	Apr	00:00						
Tue	05	Apr	00:00	- 2	Wed	06	Apr	00:00						
Wed	06	Apr	00:00	2	Thu	07	Apr	00:00						
Thu	07	Apr	00:00	-	Fri	08	Apr	00:00						
Fri	08	Apr	00:00	-	Sat	09	Apr	00:00						
Sat	09	Apr	00:00	-	Sun	10	Apr	00:00						
Sun	10	Apr	00:00	-	Mon	11	Apr	00:00						
						10		00.00						

All pages of this Speed Zone Authorisation(s) must be available on site at all times and must be produced for inspection when requested by representatives of NSW Police, Roads & Maritimes Services, Transport for NSW and other Government Agencies.

00:00

Apr

-

Tue

12

00:00

Apr

Mon

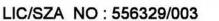
11

Minor Ancillary Facility Checklist - (Bobbiwaa South Caravan Caravan) - Rev. 2

Roads & Maritime Services

ISW

## SPEED ZONE AUTHORISATION



ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMEN	IT - NEW CONSTRUCTION	SPEED LIMIT F	REDUCTION
Project	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell H	lighway Reduced To :	40 Km/h
	Section from Narrabri to Gurley.		
	Section non Nariabilito Gulley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

	TRAFFIC MAN	IAGEMENT	
NEWELL HWY	Distance(m):	500	
WEE WAA RD, NARRABRI	Direction:	All Directions	
KANIMBLA RD, GURLEY			
	WEE WAA RD, NARRABRI	NEWELL HWY Distance(m): WEE WAA RD, NARRABRI Direction:	WEE WAA RD, NARRABRI Direction: All Directions

LICENSEE		ONSITE CONTACT				
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick			
Ref No:		Phone:	0413777563			
Name:	Luke McGoldrick					
Phone:	0413777563					

APPRC	DVED	DATES	& TIMES	5				
	From	h Shift		To Shift				
From Tue	D 12	M Apr	<b>Time</b> 00:00	-	To Wed	D 13	M Apr	<b>Time</b> 00:00
Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
Thu	14	Apr	00:00	-	Fri	15	Apr	00:00
Fri	15	Apr	00:00	-	Sat	16	Apr	00:00
Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
Mon	18	Apr	00:00		Tue	19	Apr	00:00
Tue	19	Apr	00:00	-	Wed	20	Apr	00:00

ADDOUTED DATED & THE

# **Minor Ancillary Facility Checklist**

## 1. Criteria for Minor Ancillary Facilities

The Project's Conditions of Approval (CoA) allows for the establishment and operation of Minor Ancillary Facilities on the Narrabri to North Star (N2NS) Project. Condition A21 states:

CoA A21 Facilities including lunch sheds, office sheds, material lay down sites, stockpile areas, areas used to assemble infrastructure, and portable toilet facilities can be established and operated where they satisfy the following criteria:

- (a) are located within the construction boundary; and
- (b) have been assessed by the ER to have
  - *i.* Low amenity impacts to surrounding residences and businesses, after consideration of matters such as compliance with the interim Construction Noise Guideline (DECC, 2009), traffic and access impacts, dust and odour impacts and visual (including light) impacts, and
  - ii. Low environmental impact with respect to waste management and flooding, and
  - iii. No impacts on biodiversity, soil and water and heritage items beyond those already approved under the other terms of this approval.

This Minor Ancillary Facility Checklist has been prepared to assess the proposed Minor Ancillary Facility against the requirements of CoA A21 and all other environmental requirements. Mitigation measures have also been provided to ensure that any environmental risks or impacts to the Community are suitably managed.

These facilities will be located in accordance with the criteria listed in Table 2 and submitted to the Project's Environmental Representative (ER) for approval prior to site works commencing.

Site Name:	Minor Ancillary Facility (Boggy Creek)				
Location:	Boggy Creek (Bellata, NSW)				
Chainage:	CH608.200				
Program*:	Construction: April 2022 Occupation: April 2022 - February 2023				
Land Use:	Rail Corridor				
Footprint / Size:	<10,000m <sup>2</sup>				
Use:	<ul> <li>Minor Ancillary Facility (Boggy Creek) will be utilised for the following purposes:</li> <li>Top and bottom ballast stockpile (&lt;20,000 t).</li> <li>Trailer based (mobile) site office, port-o-loo and generator.</li> <li>Carparking for site personnel.</li> <li>General laydown of construction plant and equipment.</li> </ul>				
Site Surroundings:	<ul> <li>Minor Ancillary Facility (Boggy Creek) is surrounded by:</li> <li>North: Rail line, Culverts, ephemeral waterway, and agricultural (cropping) land.</li> <li>East: Newell Highway. Sparsely vegetated land, agricultural (cropping) land.</li> <li>South: Rail line, culverts, sparsely vegetated land, agricultural (cropping) land.</li> <li>West: Rail line, sparsely vegetated land, agricultural (cropping) land.</li> <li>Entry/Exit will be operated as per Vehicle Movement Plan in Appendix D, facilitated under TfNSW Road Occupancy Licence, detailed in Appendix E.</li> </ul>				

Table 1: Minor Ancillary Facility – Site Description

Site Establishment Process:	<ul> <li>The below sets out the scope of works for the proposed Minor Ancillary Facility:</li> <li>The proposed footprint of the MAF will be demarcated in the field using hi-visibility flagging (or other approved method) and "No-Go Zone" signage.</li> <li>Topsoil will be stripped and utilised for erosion and sediment controls. The topsoil stockpiled / windrowed will be hand seeded.</li> <li>Establishment of the site's erosion and sediment controls will be progressively installed in accordance with the site's Progressive Erosion and Sediment Control Plan.</li> <li>Mobilisation of site facilities: The trailer based (caravan-style) site office, port-o-loo and generator will be mobilised to site.</li> <li>The site compound will be assessed in the field for visual impact to neighbouring sensitive receivers. If the visual impact is deemed moderate or high, ATF style fencing and screening will be installed. Anti-gawking screens will be installed where required by TfNSW.</li> </ul>
	NOTE: No bulk earthworks are required for the establishment of MAF (Boggy Creek).

\*NOTE: Subject to weather and unexpected site conditions

Criteria	Complia nt (Y) Yes (N) No	Comments
Located within the construction boundary as defined by the approval (CoA A21(a)).	Y	Minor Ancillary Facility (Boggy Creek) occurs on land that's within the Project's Submission Preferred Infrastructure Report (SPIR) Construction Impact Zone and the CIZ – Construction WIP (20210909). Refer to Appendix A for the location.
Compliance with the Interim Construction Noise Guideline (CoA A21(b)(i)	Y	No sensitive receivers have been identified within 1km of the MAF (Boggy Creek) site. Prior to site establishment works commencing, all potentially impacted landholder/s will be consulted regarding potential noise impacts associated with the establishment and operation of MAF (Boggy Creek).
At least 50m from watercourses and outside the 5% AEP flood zone (CoA A21(b)(ii))	Y	The proposed MAF (Boggy Creek) is located approximately 100m north of the nearest waterway. The proposed MAF (Boggy Creek) site is outside the area impacted by the existing 5% AEP local (blue highlighted in Appendix A).
Not within areas identified as threatened communities or species habitats beyond those already approved under the terms of the project approval (CoA A21(b)(iii)	Y	The entire footprint impacted by the proposed MAF (Boggy Creek) site is mapped as - Zone 0 – Cleared/Non-native Vegetation. All vegetation within the SPIR CIZ has been accounted for within the clearing limits detailed in CoA Table E1 and will be offset in accordance with ARTC's Biodiversity Offset Strategy.
No significant impacts to utilities, primarily gas and electricity	Y	The establishment and operation of MAF (Boggy Creek) will not result in significant impacts to existing gas, electrical, water or communications utilities.
Not on or near sites with known Aboriginal or non- Aboriginal heritage (CoA A21(b)(iii)	Y	No areas or items of Aboriginal or non-Aboriginal significance have been identified within the area impacted by the proposed MAF (Boggy Creek) site. The Aboriginal Cultural Heritage Management Plan, Narrabri to North Star – Separable Portion 1 (N2NS SP1), dated 18th December 2020 has

#### Table 2: Minor Ancillary Facility - Criteria

Criteria	Complia nt (Y) Yes (N) No	Comments		
		been reviewed and there are no areas or items that require further salvage or survey.		
Safe access to the road network and rail corridor and low impacts on traffic and	Y	Access to Minor Ancillary Facility (Boggy Creek) will be provided via gate 11 directly off Newell Hwy. (chainage 608.200).		
Safe access to the road Y		A transport for NSW (TfNSW) approved Road Occupancy Licence (ROL) is in place for the use of this access point from the Newell Highway. This ROL will be maintained whilst this access point is being utilised for the project. See appendix E.		
		The Stage 1 Construction Traffic Management Sub Plan (TMP) has been prepared and approved by TfNSW. The TMP includes the upgrade of 10 Major and 18 Minor Construction Gates within Stage 1 in accordance with a TfNSW approved RoadNet Design. These construction gates will be used to access the MAFs within Stage 1.		
Relatively flat land       Y       Minor Ancillary Facility (Boggy Creek) is located on relatively flat land with <1m fall across the site.         Low environmental impact with respect to waste management and flooding       Y       The establishment and operation of the proposed MAF (Boggy Creek) will generally consist of the following:				
with respect to waste management and flooding	Y	generate minor waste volumes. These waste streams will generally		
		<ul> <li>Wastewater</li> <li>Wastepaper / cardboard</li> <li>Rubbish and debris</li> <li>Food waste</li> </ul>		
		The volumes of waste generated will be reduced and reuse will be maximised by implementing the mitigation measures detailed in Section 2 below.		
		Flooding risk has been addressed above.		
soil and water, and heritage items beyond those already approved under SSI 7474	Y	The environmental impacts associated with the establishment and operation of Minor Ancillary Facility (Boggy Creek) are considered minor and consistent with those impacts approved under SSI 7474.		
all facilities adjacent to and visible from sensitive	Y	Minor Ancillary Facility (Boggy Creek) will be assessed for visual impact from any surrounding sensitive receivers. Screening will be applied where the MAF site represents a moderate to high visual impact.		
receivers for the duration of use of the ancillary facility unless otherwise agreed with the relevant council and affected residents, business operators or landowners (COA A22)		Anti-gawking screens will be applied where required by TfNSW.		

A locational map, environmental constraints and co-ordinates have been provided in Appendix A and B.

## 2. Mitigation Measures

Based on the site details and environmental constraints identified in Table 1 and Table 2 above, the key environmental risks associated with the establishment and operation of the Minor Ancillary Facility (Boggy Creek) include:

- Disturbance of predicted Five-Clawed Worm-Skink habitat during site establishment;
- Dust and associated impacts to air quality resulting from access and use; and
- Mud tracking onto public roads as a result of the use of the MAF.

With the implementation of the mitigation measures detailed in Table 3 below, these impacts are considered to be minor and consistent with those impacts assessed and approved under CSSI 7474.

#### Table 3: Minor Ancillary Facility – Mitigation Measures

	Measure/Requirement	Responsibility	Timing/ frequency
1)	<ul> <li>Site inductions will include the following specific components for biodiversity, noise, dust, surface water, erosion &amp; sediment control management: <ul> <li>Awareness of General Environmental Duty and Duty to Notify, (legislative obligations)</li> <li>The requirement for erosion and sediment control devices to be implemented and maintained in accordance with the Erosion &amp; Sediment Control Plan</li> <li>Waste Management</li> <li>The mapped, native vegetation occurring within and adjacent the site and the significance of the TEC.</li> <li>The No-Go Zones for the MAF, incl. the significance of this control and the environmental constraints it's protecting i.e. mapped TEC, threatened species, etc.</li> <li>Hours of operation.</li> <li>General noise related mitigation measures.</li> <li>Five Clawed Worm Skinks, including habitat location and all mitigation measures specified by DPIE &amp; ARTC.</li> </ul> </li> </ul>	Environmental Manager	Pre- construction
2)	Progressive Erosion and Sediment Control Plans (PESCPs) will be developed by Trans4m Rail's CPESC and implemented prior to and during site establishment.	Environmental Manager	Pre- construction
3)	Controls must be in place to prevent tracking dirt and mud onto roads. Controls to minimise mud-tracking onto public roads will generally include rumble grids (i.e. similar to Pad 2), stabilised site access (i.e. rock, gravels, etc) or sheeting of the MAF with clean rock material (i.e. similar to Pad 4).	Construction Supervisor	Construction
4)	Spoil, mud or the like spilt onto sealed roads to be removed within 24hrs or before end of shift (5pm AEDT if Newell HWY is affected) through use of a street sweeper or other means. Controls to minimise mud-tracking onto public roads will generally include rumble grids (i.e. similar to Pad 2), stabilised site access (i.e. rock, gravels, etc) or sheeting of the MAF with clean rock material (i.e. similar to Pad 4).	Construction Supervisor	Construction
5)	Mobile plant and vehicles, including deliveries must use designated travel routes, site access routes, site access tracks and lay down areas.	Construction Supervisor	Construction
6)	Any activities requiring the discharge of construction water off site will be undertaken in accordance with the PESCP.	All personnel / Environmental Manager	Construction
7)	Slashing limits (incl. vegetation to be retained) must be clearly identified and physically demarcated on-site. Slashing, clearing or other ground disturbance activities must not occur outside these	Construction Supervisor	Construction

	Measure/Requirement	Responsibility	Timing/ frequency
	areas unless otherwise approved in writing by the Environment Manager, or suitable delegate.		
8)	Groundcover to be re-established as soon as practicable to prevent erosion during construction.	Construction Supervisor	Construction
9)	In the event that an area or item of heritage significance, threatened species, contaminated material or asbestos containing materials (ACM) are discovered or suspected on-site, then all works affecting the find must cease immediately, the area secured and relevant Trans4m Rail's Unexpected Finds Procedure / Protocol will be implemented. Trans4m Rail's Environmental Manager (or delegate), ARTC and the Project Environmental Representative must be immediately	All personnel / Construction Supervisor	Construction
	notified of any unexpected finds. Other stakeholders (e.g. NSW EPA, OEH, DPIE, WaterNSW, Council, local landholders, etc) may also be notified depending on the nature and scale of the unexpected find.		
10)	Any spills or leaks of chemicals, fuels, oils, effluent or any other hazardous substance that occurs during site establishment must be managed and reported in accordance with Trans4m Rail's Environmental Incident Response and Reporting Procedure.	All personnel / Construction Supervisor	Construction
11)	Refuelling activities must always be closely supervised. Plant and equipment must not be refuelled within 50m of a waterway and must not be left unattended for any period of time.	All personnel / Construction Supervisor	Construction
12)	The land on which ancillary facilities, laydowns areas, access tracks and all other temporary works are located shall be rehabilitated to at least their pre-construction condition or better, unless otherwise agreed by the landowner.	Construction Supervisor	Construction
13)	<ul> <li>Weather forecast will be reviewed daily (via http://www.bom.gov.au/) and additional measures implemented where unfavourable weather conditions (i.e. hot, dry weather, high wind speed (&gt;10m/s)) are anticipated. Measures to be implemented during unfavourable weather conditions may include a reduction of speed, a modified construction methodology, alternative plant and equipment, altering the scheduled works or program for the day, additional water carts or ceasing dust generating activities until conditions are more favourable.</li> <li>Dust will be monitored and managed in accordance with the mitigation measures detailed in Project's CSWMP.</li> <li>In addition to this, the following measures will be undertaken;</li> <li>Where practical, the MAF carpark and trafficked areas will be sheeted with clean rock / gravel material.</li> <li>Increased training and surveillance of dust by key Project personnel (i.e. Superintendents, Supervisors, Operators etc).</li> <li>Stockpiling and material handling will be avoided in MAFs adjacent the Newell Hwy.</li> <li>Long term stockpiles (&gt;1 month) will be compacted using an excavator bucket and soil binder applied (where practicable).</li> <li>Where practicable, soil binder will be used on highly trafficked areas.</li> <li>Material i.e. gravel, ballast, etc will be watered down prior to loading, handling and movement.</li> </ul>	Environmental Manager / Construction Supervisor	Construction
14)	The following dust control measures will be utilised to suppress dust being generated from access roads, laydown areas, ancillary facilities and all other exposed surfaces; water application via watercarts and alternative means (i.e. sprinklers, hoses), sealing	Construction Supervisor	Construction

	Measure/Requirement	Responsibility	Timing/ frequency
	<ul> <li>or stabilisation of highly trafficked areas, dust screens, application of geofabric or jute mat or the application of soil binding agents. The frequency of use will be modified depending on the prevailing wind and weather conditions.</li> <li>If dust impacts the Newell HWY at any stage, all works will cease until causation has been rectified.</li> </ul>		
15)	Exhaust systems of construction plant, vehicles and machinery will be maintained in accordance with manufacturer's specifications to ensure that emissions do not exceed EPA regulations. Periodic visual checks will be undertaken daily.	Construction Supervisor	Construction
16)	Waste will be segregated and collected on a regular basis to ensure odours associated with waste do not become an issue to surrounding sensitive receivers. All waste will be collected and disposed of at a licensed facility.	All personnel	Construction
17)	All works will be undertaken in accordance with the standard construction hours detailed in Condition of Approval E1.	Construction Supervisor	Construction
18)	Notification undertaken during construction would inform relevant stakeholders of the work locations and timing, and the potential for noise impacts.	Community Engagement Team	Construction
19)	Boundary screening will be erected if a site inspection determines that the MAF could significantly impact sensitive receivers. Anti- gawking screens will be applied where required by a TfNSW Approval.	Environment Manager / Construction Supervisor	Construction
20)	All personnel would be inducted on the subject of Five-clawed Worm-skinks (FCWS). Targeted FCWS surveys would be undertaken by Project Ecologist and/or Fauna Spotter-Cather team prior to and during slashing, clearing of woody vegetation and topsoil stripping activities within the following chainages, stage 1 chainage 603.000 to 625.000 and stage 3 chainage 735.000 to 754.250.	Environment Manager / Construction Supervisor	
	The surveys would include active searches of microhabitats, including, carefully turning woody debris, rocks and artificial debris, raking the soil surface or leaf litter beneath trees and looking beneath peeling bark for reptiles or their sloughs, searching for animals during topsoil stripping (working closely with the grader operator). Targeted pre-clearing surveys would comprise a minimum of 1.5 person hours per hectare for habitats of average complexity per		
	<ul> <li>targeted species (scaled up or down depending on site complexity).</li> <li>Any FCWS captured would have the following data collected:</li> <li>GPS coordinates of capture/relocation site, measurements of snout-vent length, tail length and total length. Relocation site are to be as close to capture site as possible with suitable microhabitat. No more than 10 adults and 5 sub-adults or hatchlings per 100m2 of suitable habitat may be relocated due to risk of overstocking.</li> <li>NOTE: Additional measures will be taken to avoid relocated individuals from re-entering the construction site i.e. sediment fence, etc.</li> </ul>		

# 3. Certification

This Minor Ancillary Facility Checklist provides a true and fair review of the proposed activity for the Inland Rail N2NS upgrade project.

Signed:

Name: Maggie Wilton

Position: Trans4m Rail Enviro and Sustainability Admin Assistant

Date: 13/04/2022

Signed:

Name: Steve Fermio

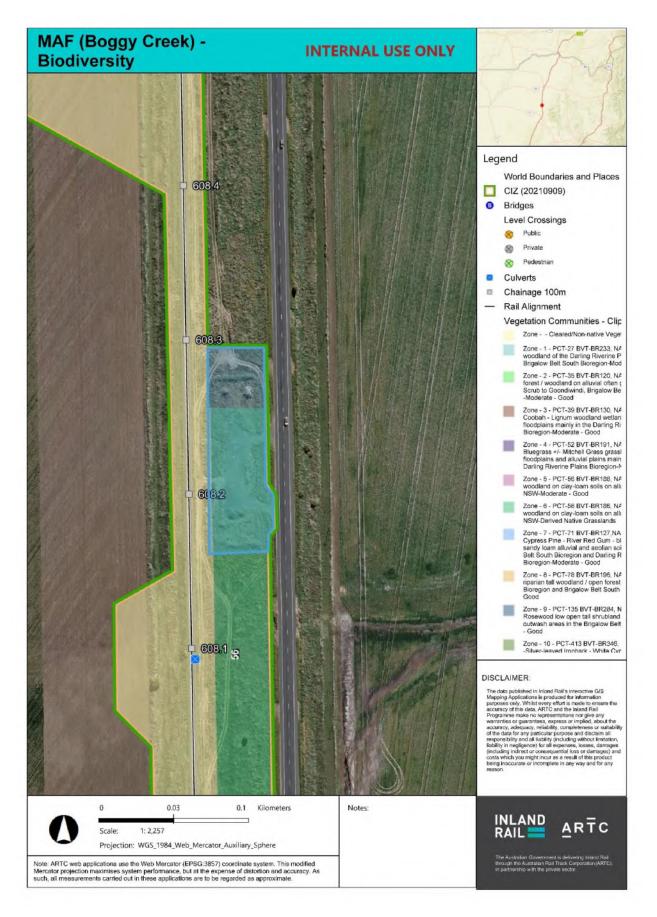
Position: Environmental Representative

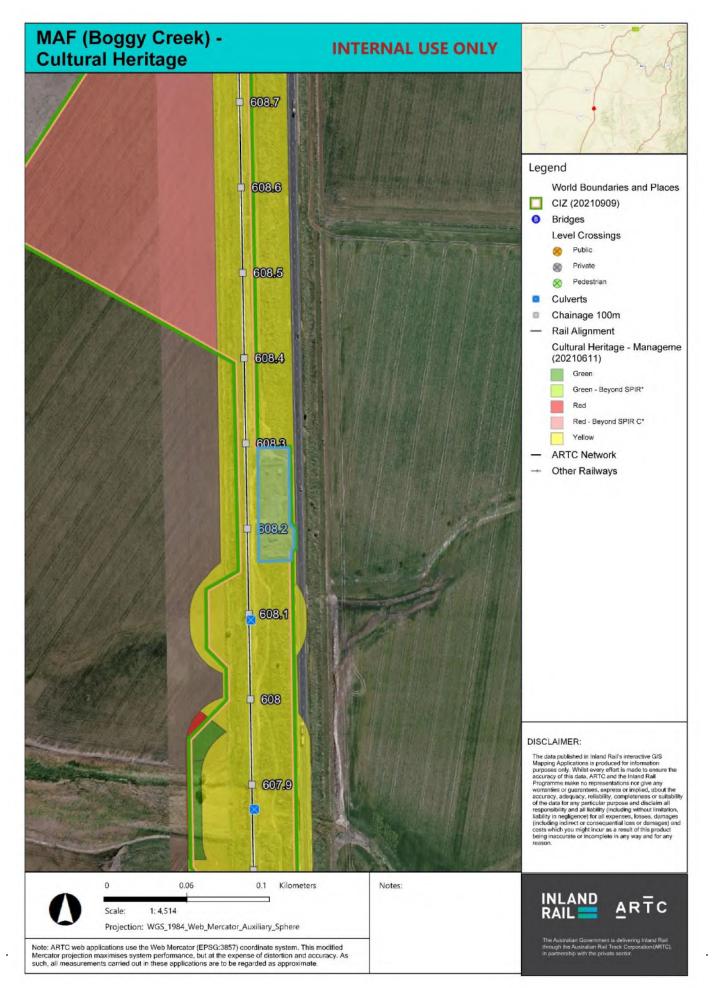
13/02/2022 Date:

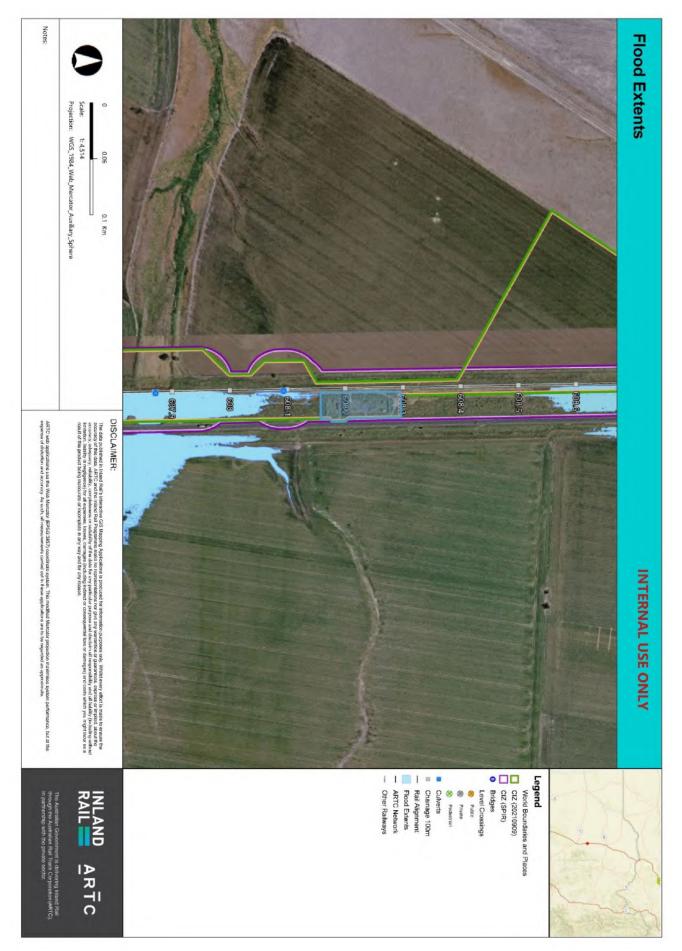
Note: This MAF approval does not constitute in any way an authorisation of the traffic control and entry / exit arrangements for light and heavy vehicles at this site. These are subject to separate approval by, and the requirements of, TfNSW (or Local Council) through the relevant Road Occupancy Licence/s, Speed Zone Authorisation/s, Traffic Management Plan or any other TfNSW or Local Council regulatory requirements.

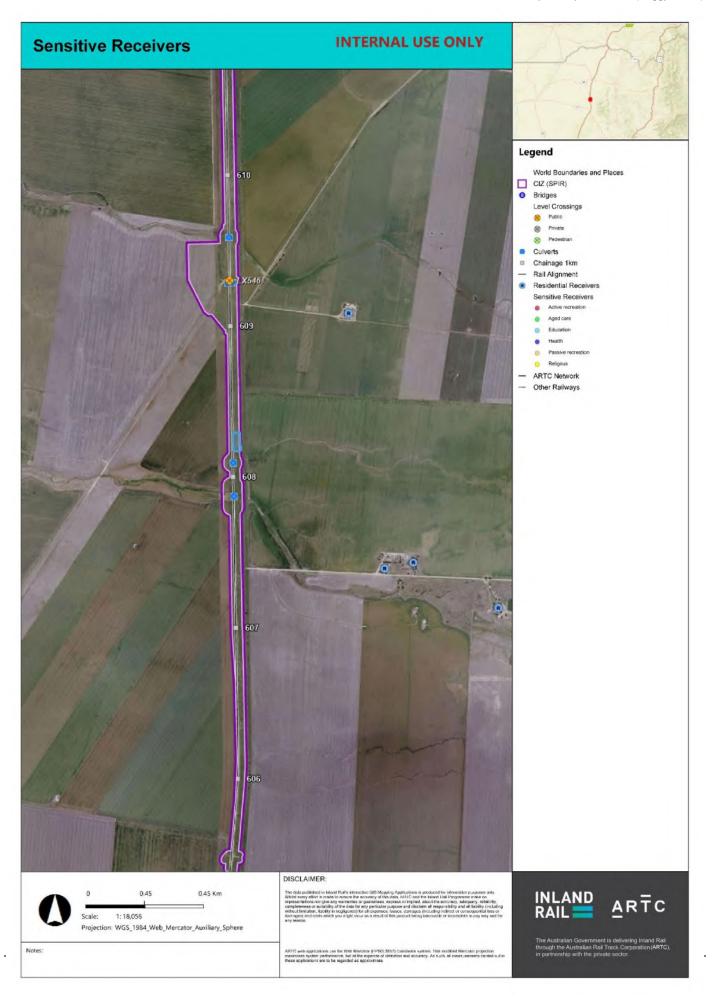
Minor Ancillary Facility Checklist - (Boggy Creek)

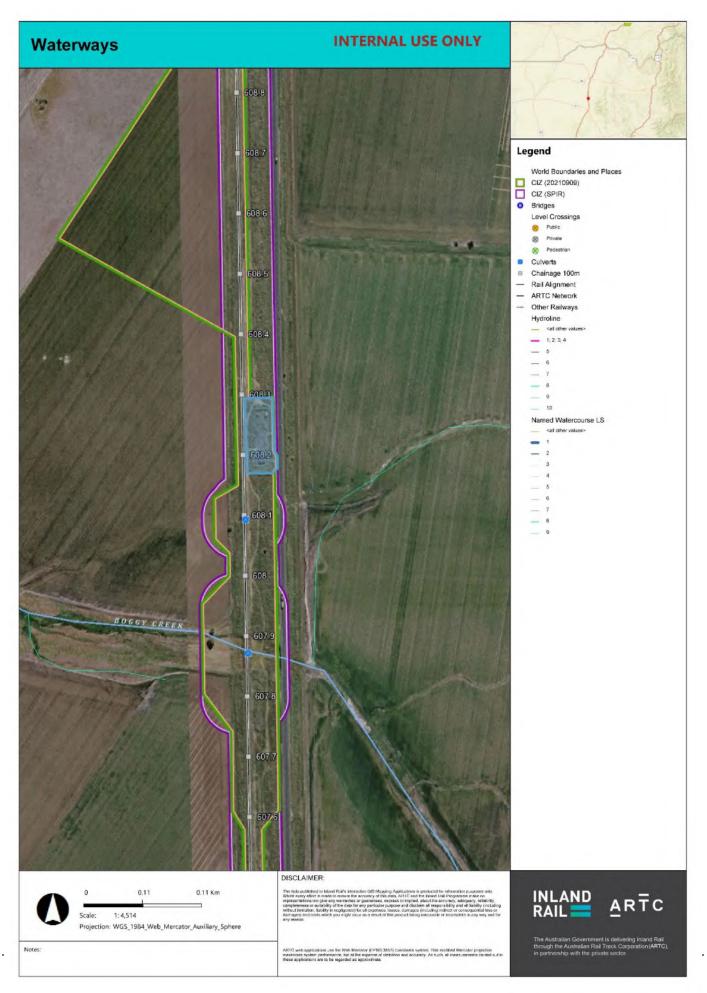
# Appendix A: Site Location (incl. Environmentally Sensitive Areas)











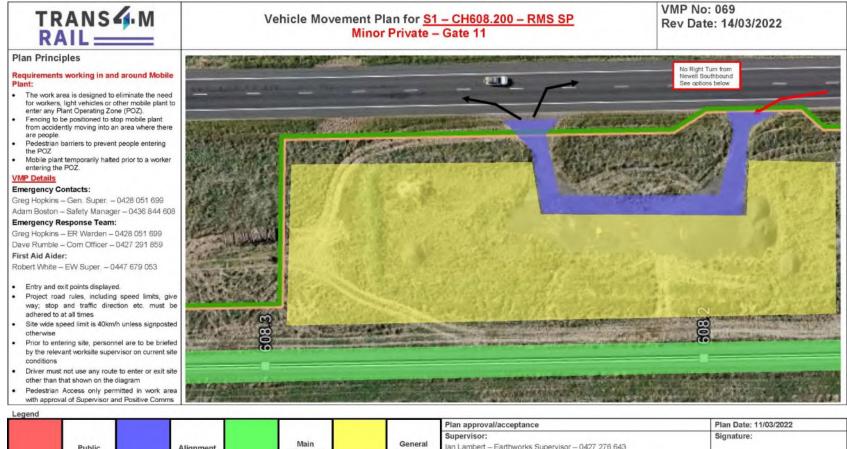
# Appendix B: Site Location (Co-ordinates)

1	Lat: 29.98351° S Lon: 149.79189° E
2	Lat: 29.98350° S Lon: 149.79237° E
3	Lat: 29.98488° S Lon: 149.79239° E
4	Lat: 29.98488° S Lon: 149.79192° E

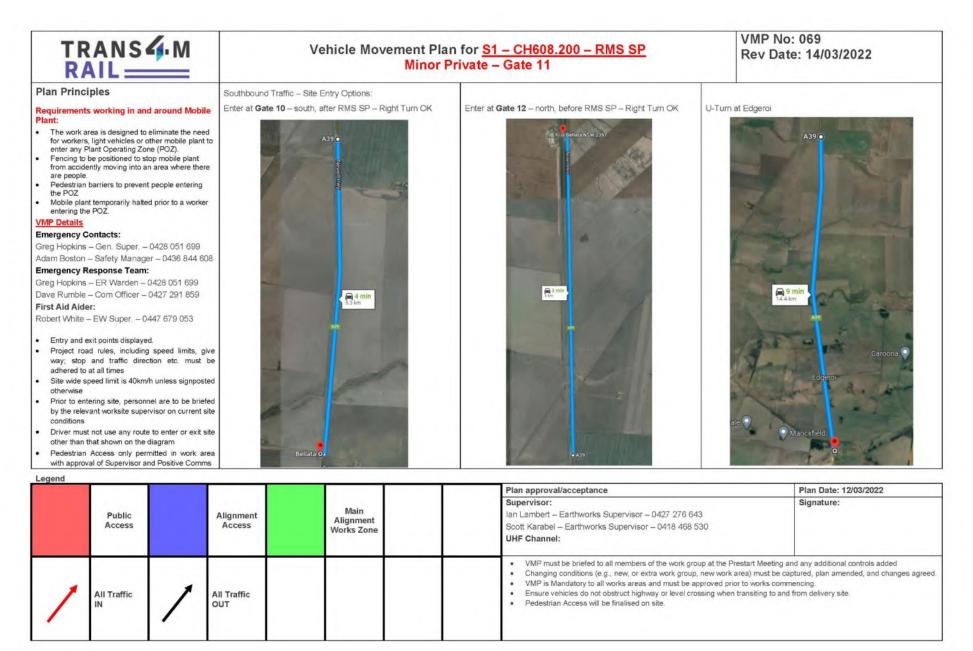
Minor Ancillary Facility Checklist - (Boggy Creek)

# Appendix C:

# Appendix D: Vehicle Movement Plan (VMP)



	Public		Alignment	Main	Genera	Plan approval/acceptance Supervisor: Ian Lambert – Earthworks Supervisor – 0427 276 643	Plan Date: 11/03/2022 Signature:
	Access		Access	Alignment Works Zone	Laydow (See belo		
1	All Traffic IN	1	All Traffic OUT			<ul> <li>VMP must be briefed to all members of the work group at the Prestart</li> <li>Changing conditions (e.g., new, or extra work group, new work area) i</li> <li>VMP is Mandatory to all works areas and must be approved prior to w</li> <li>Ensure vehicles do not obstruct highway or level crossing when transi</li> <li>Pedestrian Access will be finalised on site.</li> </ul>	must be captured, plan amended, and changes agreed. works commencing.



Issue Date: 04/02/2022

# 

#### **Plan Principles**

#### Requirements working in and around Mobile Plant:

- The work area is designed to eliminate the need for workers, light vehicles or other mobile plant to enter any Plant Operating Zone (POZ).
- Fencing to be positioned to stop mobile plant from accidently moving into an area where there are people.
- Pedestrian barriers to prevent people entering the POZ
- Mobile plant temporarily halted prior to a worker entering the POZ.

#### VMP Details

#### Emergency Contacts:

Greg Hopkins – Gen. Super. – 0428 051 699 Adam Boston – Safety Manager – 0436 844 608

#### Emergency Response Team:

Greg Hopkins – ER Warden – 0428 051 699 Dave Rumble – Com Officer – 0427 291 859

#### First Aid Aider:

Robert White - EW Super. - 0447 679 053

#### Entry and exit points displayed.

- Project road rules, including speed limits, give way; stop and traffic direction etc. must be adhered to at all times
- Site wide speed limit is 40km/h unless signposter otherwise
- Prior to entering site, personnel are to be briefed by the relevant worksite supervisor on current site conditions
- Driver must not use any route to enter or exit si other than that shown on the diagram
- Pedestrian Access only permitted in work area with approval of Supervisor and Positive Comms

	Vehicle Movement Plan for <u>S1 – CH608.200 – RMS SP</u> Minor Private – Gate 11	VMP No: 069 Rev Date: 14/03/2022
pile ed		
nt to ere sver 608		
give be sted efed t site area arma		

				Plan approval/acceptance	Plan Date: 11/03/2022
Materials Laydown	Crib Facilities	LV Carpark	HV Carpark       Supervisor:         Ian Lambert – Earthworks Supervisor – 0427 276 643         Scott Karabel – Earthworks Supervisor – 0418 468 530         UHF Channel:		Signature:
Lime Storage	Ballast	Delineation Pedestrian Access	Mixed Access LV Access HV Access Solid 2-Way Dash 1-Way	<ul> <li>VMP must be briefed to all members of the work group at the Prestar</li> <li>Changing conditions (e.g., new, or extra work group, new work area)</li> <li>VMP is Mandatory to all works areas and must be approved prior to v</li> <li>Ensure vehicles do not obstruct highway or level crossing when trans</li> <li>Pedestrian Access will be finalised on site.</li> </ul>	must be captured, plan amended, and changes agreed. vorks commencing.

Revision No: 0

# Appendix E: Road Occupancy Licence (ROL)

ADS & MARIT	IME SERVICES (RMS)										
or the occupation	n of the road space only. If you are unable to access	s myrol.tran	sport.ns	w.gov	au, pla	ease call					
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ject	Not Applicable	Subject R	oad:	NE	WELL	HWY					
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		Council:		NA	RRAB	RI					
	Movements <20										
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anisation:	Trans4m Rail Joint Venture	Name:									
No:	Luka McGoldrick	Phone:		04	137775	63					
ne:	0413777563										
AFFIC MANAG	GEMENT	LICENC	E DUR	ATION	V						
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		To:		20-	Apr-20	22					
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		TE YOUR	From	D	M	Time	-	То	D	M	Time
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Transport

Services

**Roads & Maritime** 

ANYIA

NSW

# SPEED ZONE AUTHORISATION

#### LIC/SZA NO: 556329/001

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

		NT - NE	NT - NEW CONSTRUCTION						SPEED LIMIT REDUCTION		
Project:		Not Applicable						Existing: 110 Km/h			
This Activity :		In Land Rail. Narrabri to North Star. Newell Highway Reduced To: 80 Km/h						80 Km/h			
		Se	Section from Narrabri to Gurley.								
		Wo	ork Descri	ption: \$	Survey, V	egetatio	on maint	enance,			
		Lig	ht Vehicle	Move	ments, M	inor He	avy Veh	nicle			
		Мо	vements ·	<20							
periods.	The O	rganisati	ion is to m	aintair	n accurate	record	is of whe	en the sp	peed limit signs w	to be covered or removed outside the approved time ere installed and removed, including the location of the letion of each of the approved time periods as detailed	
LOCAT	ION								TRAFFIC MAN		
Subject I		NF	WELL HV	WY					Distance(m):	2000	
From:			EE WAA R		RRABRI			Direction:	All Directions		
To:			NIMBLA F								
Council:											
LICENS		- 5.			30.219				ONSITE CON		
Organisa	ation:	Tra	ans4m Rai	il Joint	Venture				Name:	Luke McGoldrick	
Ref No:									Phone:	0413777563	
Name:			ke McGolo								
Phone:		04	13777563								
APPRO	OVED	DATES	& TIMES	s							
		n Shift					Shift				
From	D	Mor	Time	-	To	D	M	Time			
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Sun	27	Mar	00:00	-	Mon	28	Mar	00:00			
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Wed	30	Mar	00:00		Thu	31	Mar	00:00			
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00			
Fri	01	Apr	00:00		Sat	02	Apr	00:00			
Sat	02	Apr	00:00	-	Sun	03	Apr	00:00			
Sun	03	Apr	00:00		Mon	04	Apr	00:00			
Man	0.0	Apr	00.00	-	Tue	04	Apr	00.00			

All pages of this Speed Zone Authorisation(s) must be available on site at all times and must be produced for inspection when requested by representatives of NSW Police, Roads & Maritimes Services, Transport for NSW and other Government Agencies.

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NSW

Transport Roads & Maritime

Services

## SPEED ZONE AUTHORISATION

LIC/SZA NO: 556329/001

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMEN	IT - NEW CONSTRUCTION	SPEED LIMIT I	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highwa	y Reduced To :	80 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

Subject Road: NE				
oubjeet Road.	WELL HWY	Distance(m):	2000	
From: WE	E WAA RD, NARRABRI	Direction:	All Directions	
To: KAI	NIMBLA RD, GURLEY			
Council:				

LICENSEE		ONSITE CONTACT		
Trans4m Rail Joint Venture	Name:	Luke McGoldrick		
	Phone:	0413777563		
Luke McGoldrick				
0413777563				
	Luke McGoldrick	Trans4m Rail Joint Venture Name: Phone: Luke McGoldrick	Trans4m Rail Joint Venture Name: Luke McGoldrick Phone: 0413777563 Luke McGoldrick	

APPRC	VEDI	DATES	& TIMES	5				
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Tue	12	Apr	00:00	-	Wed	13	Apr	00:00
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ADDON/ED DATED A TUMES

NSW

Transport Roads & Maritime

Services

## SPEED ZONE AUTHORISATION

LIC/SZA NO: 556329/002

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMEN	IT - NEW CONSTRUCTION	SPEED LIMIT I	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell	Highway Reduced To :	60 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

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LOCATION		TRAFFIC MANAGEMENT			
Subject Road:	NEWELL HWY	Distance(m):	2000		
From:	WEE WAA RD, NARRABRI	Direction:	All Directions		
To:	KANIMBLA RD, GURLEY				
Council:					

LICENSEE		ONSITE CONTACT		
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
Ref No:		Phone:	0413777563	
Name:	Luke McGoldrick			
Phone:	0413777563			

APPRC	VED	DATES	& TIMES	5				
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Wed	23	Mar	00:00	-	Thu	24	Mar	00:00
Thu	24	Mar	00:00	-	Fri	25	Mar	00:00
Fri	25	Mar	00:00	-	Sat	26	Mar	00:00
Sat	26	Mar	00:00	-	Sun	27	Mar	00:00
Sun	27	Mar	00:00	-	Mon	28	Mar	00:00
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Sun	10	Apr	00:00	-	Mon	11	Apr	00:00
Mon	11	Apr	00:00	-	Tue	12	Apr	00:00

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## SPEED ZONE AUTHORISATION

NSW GOVERNMENT

Transport Roads & Maritime Services

#### LIC/SZA NO : 556329/002

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMEN	IT - NEW CONSTRUCTION	SPEED LIMIT I	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highway	Reduced To :	60 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

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LOCATION		TRAFFIC MAN	IAGEMENT	
Subject Road:	NEWELL HWY	Distance(m):	2000	
From:	WEE WAA RD, NARRABRI	Direction:	All Directions	
To:	KANIMBLA RD, GURLEY			
Council:				

LICENSEE		ONSITE CONTACT		
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
Ref No:		Phone:	0413777563	
Name:	Luke McGoldrick			
Phone:	0413777563			

APPRC	DVED I	DATES	& TIMES	5				
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Tue	19	Apr	00:00	-	Wed	20	Apr	00:00

ADDON/ED DATED A TUMES

NSW

Transport Roads & Maritime

Services

## SPEED ZONE AUTHORISATION

LIC/SZA NO: 556329/003

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DEVELOPMEN	IT - NEW CONSTRUCTION	SPEED LIMIT I	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highw	ay Reduced To :	40 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

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LOCATION		TRAFFIC MANAGEMENT			
Subject Road:	NEWELL HWY	Distance(m):	500		
From:	WEE WAA RD, NARRABRI	Direction:	All Directions		
To:	KANIMBLA RD, GURLEY				
Council:					

LICENSEE		ONSITE CONTACT		
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
Ref No:		Phone:	0413777563	
Name:	Luke McGoldrick			
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APPRC	VED	DATES	& TIMES	5				
	From	n Shift				То	Shift	
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Wed	23	Mar	00:00	-	Thu	24	Mar	00:00
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Fri	25	Mar	00:00	-	Sat	26	Mar	00:00
Sat	26	Mar	00:00	-	Sun	27	Mar	00:00
Sun	27	Mar	00:00	-	Mon	28	Mar	00:00
Mon	28	Mar	00:00	-	Tue	29	Mar	00:00
Tue	29	Mar	00:00	-	Wed	30	Mar	00:00
Wed	30	Mar	00:00	-	Thu	31	Mar	00:00
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00
Fri	01	Apr	00:00	-	Sat	02	Apr	00:00
Sat	02	Apr	00:00	-	Sun	03	Apr	00:00
Sun	03	Apr	00:00	-	Mon	04	Apr	00:00
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Wed	06	Apr	00:00	-	Thu	07	Apr	00:00
Thu	07	Apr	00:00	-	Fri	08	Apr	00:00
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Sun	10	Apr	00:00	-	Mon	11	Apr	00:00
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## SPEED ZONE AUTHORISATION

Transport Roads & Maritime Services

#### LIC/SZA NO: 556329/003 ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMEN	IT - NEW CONSTRUCTION	SPEED LIMIT I	REDUCTION
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To:	KANIMBLA RD, GURLEY			
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	From	n Shift				То	Shift	
From Tue	D 12	M Apr	<b>Time</b> 00:00	2	To Wed	<b>D</b> 13	M Apr	<b>Time</b> 00:00
Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
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# **Minor Ancillary Facility Checklist**

## 1. Criteria for Minor Ancillary Facilities

The Project's Conditions of Approval (CoA) allows for the establishment and operation of Minor Ancillary Facilities on the Narrabri to North Star (N2NS) Project. Condition A21 states:

CoA A21 Facilities including lunch sheds, office sheds, material lay down sites, stockpile areas, areas used to assemble infrastructure, and portable toilet facilities can be established and operated where they satisfy the following criteria:

- (a) are located within the construction boundary; and
- (b) have been assessed by the ER to have
  - *i.* low amenity impacts to surrounding residences and businesses, after consideration of matters such as compliance with the interim Construction Noise Guideline (DECC, 2009), traffic and access impacts, dust and odour impacts and visual (including light) impacts, and
  - ii. Low environmental impact with respect to waste management and flooding, and
  - iii. No impacts on biodiversity, soil and water and heritage items beyond those already approved under the other terms of this approval.

This Minor Ancillary Facility Checklist has been prepared to assess the proposed Minor Ancillary Facility against the requirements of CoA A21 and all other environmental requirements. Mitigation measures have also been provided to ensure that any environmental risks or impacts to the Community are suitably managed.

These facilities will be located in accordance with the criteria listed in Table 2 and submitted to the Project's Environmental Representative (ER) for approval prior to site works commencing.

Site Name:	Minor Ancillary Facility (CH578 Ballast)			
Location:	CH578.000 (Narrabri, NSW)			
Chainage:	CH577.600 – CH578.15			
Program*:	Construction: April 2022 Occupation: April 2022 – December 2022			
Land Use:	RU1 – Primary Production (Source: Narrabri Shire Council LEP)			
Footprint / Size:	<17,500m <sup>2</sup>			
Use:	<ul> <li>Minor Ancillary Facility (CH578 Ballast) will be utilised for the following purposes:</li> <li>Trailer based (mobile) site office, port-o-loo and generator.</li> <li>Carparking for site personnel.</li> <li>Storage of construction plant and equipment.</li> <li>Top and Bottom Ballast Stockpiles (20t at any one time).</li> </ul>			
Site Surroundings:	<ul> <li>Minor Ancillary Facility (CH578 Ballast) is surrounded by:</li> <li>North: Rail Line, MAF site, LX3055 and sparsely vegetated land.</li> <li>East: Newell Highway, Agricultural (cropping) land, sparsely vegetated land, and sensitive (residential) receivers.</li> <li>South: Rail Line, Newell highway, sparsely vegetated land.</li> <li>West: Agricultural land, sparsely vegetated land, sensitive (residential) receivers, and private storage dam.</li> <li>Access to Minor Ancillary Facility (CH578 Ballast) will be provided via existing local road, at LX 3055 CH578.083.</li> </ul>			

#### Table 1: Minor Ancillary Facility – Site Description

	Entry/Exit will be operated as per Vehicle Movement Plan in Appendix D, facilitated under TfNSW Road Occupancy Licence, detailed in Appendix E.
Site Establishment Process:	<ul> <li>The below sets out the scope of works for the proposed Minor Ancillary Facility:</li> <li>The proposed footprint of the MAF will be demarcated in the field using hi-visibility flagging (or other approved method) and "No-Go Zone" signage.</li> <li>Topsoil will be stripped and utilised for erosion and sediment controls. The topsoil stockpiled / windrowed will be hand seeded.</li> <li>Establishment of the site's erosion and sediment controls will be progressively installed in accordance with the site's Progressive Erosion and Sediment Control Plan.</li> <li>Mobilisation of site facilities: The trailer based (caravan-style) site office, port-o-loo and generator will be mobilised to site.</li> <li>The site compound will be assessed in the field for visual impact to neighbouring sensitive receivers. If the visual impact is deemed moderate or high, ATF style fencing and screening will be installed.</li> <li>Unless specified in a TfNSW approval, anti-gawking screens will not be applied adjacent this MAF location.</li> </ul>
*NOTE: Subject to weather and u	Inexpected site conditions

Table 2: Minor Ancillary Facility - Criteria

Criteria	Compliant (Y) Yes (N) No	Comments
Located within the construction boundary as defined by the approval (CoA A21(a)).	Y	Minor Ancillary Facility (CH578 Ballast) occurs on land that occurs within the Project's Submission Preferred Infrastructure Report (SPIR) Construction Impact Zone and the CIZ – Construction WIP (20210909). Refer to Appendix A for the location.
Compliance with the Interim Construction Noise Guideline (CoA A21(b)(i)	Y	Five sensitive (residential) receivers were identified within 1km of the proposed MAF (CH578 Ballast) site.
A21(0)(I)		299.45m NNS_Rx0722
		461.67m NNS_Rx0723
		551.94m NNS_Rx0724
		625.43m NNS_Rx0725
		785.81m NNS_Rx0726
		The TfNSW Noise Estimator Tool was used to predict the anticipated noise impact associated with the establishment of the proposed MAF (CH578 Ballast) site. One (1) noise scenario was run representing worse possible case scenario (i.e. the most noise intensive activity – MAF Operational) NOTE: The noise assessment assumes all plant / equipment will be operating simultaneously and operating at the nearest boundary to the landholder. The scenario being:
		Scenario 1: MAF Site Operation (i.e. 20 tonne truck, and front end loader)
		The extracts from the noise model are provided in Appendix C.
		The findings of the noise assessment can be summarised by the following:
		- Sensitive receivers are located at the following locations:

Criteria	Compliant (Y) Yes	Comments
	<u>(N) No</u>	<ul> <li><i>NNS_Rx0722</i>, located 299.45m east of the proposed MAF. This sensitive receiver is expected to experience noise impacts of 42dB or 2 dB above the daytime NML for the Project. Refer to Appendix C.</li> <li><i>NNS_Rx0723</i>, located 461.67m west of the proposed MAF. This sensitive receiver is expected to experience noise impacts of 36dB or 4 dB below the daytime NML for the Project. Refer to Appendix C.</li> <li>The Noise Assessment identified that sensitive receivers, with line of sight, greater than 530m away will generally not be impacted (&gt;NML (Daytime)) by site establishment.</li> <li>The noise assessment also identified that no sensitive receivers will be highly noise impacted (&gt;75dB) by the works.</li> </ul>
At least 50m from watercourses and outside the 5% AEP flood zone (CoA A21(b)(ii))	Y	The proposed MAF (CH578 Ballast) is located approximately 408m West of an unnamed ephemeral creek. The proposed MAF (CH578 Ballast) site lies outside the area impacted by the existing 5% AEP local (blue highlighted in Appendix A).
Not within areas identified as threatened communities or species habitats beyond those already approved under the terms of the project approval (CoA A21(b)(iii)	Y	<ul> <li>Approximately 17,180m<sup>2</sup> (~98.2%) of the proposed MAF (CH578 Ballast) site is mapped as <ul> <li>Zone 0 - Cleared/Non-native Vegetation</li> </ul> </li> <li>And approximately 320m<sup>2</sup> (~1.8%) of the proposed MAF (CH578 Ballast) site is mapped as: <ul> <li>Zone - 5 - PCT-56 BVT-BR186, NA182-Poplar Box - Belah woodland on clay-loam soils on alluvial plains of north-central NSW</li> </ul> </li> <li>All vegetation within the SPIR CIZ has been accounted for within the clearing limits detailed in CoA Table E1 and will be offset in accordance with ARTC's Biodiversity Offset Strategy.</li> </ul>
No significant impacts to utilities, primarily gas and electricity	Y	The establishment and operation of MAF (CH578 Ballast) will not result in significant impacts to existing gas, electrical, water or communications utilities.
Not on or near sites with known Aboriginal or non- Aboriginal heritage (CoA A21(b)(iii)	Y	No areas or items of Aboriginal or non-Aboriginal significance have been identified within the area impacted by the proposed MAF (CH578 Ballast) site. The Aboriginal Cultural Heritage Management Plan, Narrabri to North Star – Separable Portion 1 (N2NS SP1), dated 18th December 2020 has been reviewed and there are no areas or items that require further salvage or survey.
Safe access to the road network and rail corridor and low impacts on traffic and access (CoA A21(b)(i)	Y	Access to Minor Ancillary Facility (CH578 Ballast) will be available North of the MAF site via access gate 2 at LX3055 off the Newell Highway.

Criteria	Compliant (Y) Yes (N) No	Comments	
Relatively flat land	Y	Minor Ancillary Facility (CH578 Ballast) is located on relatively flat la with <1m fall across the site.	
Low environmental impact with respect to waste management and flooding (CoA A21(b)(ii)	Y	<ul> <li>The establishment and operation of the proposed MAF (CH578 Ballast) will generate minor waste volumes. These waste streams will generally consist of the following: <ul> <li>Wastewater</li> <li>Wastepaper / cardboard</li> <li>Rubbish and debris</li> <li>Food waste</li> </ul> </li> <li>The volumes of waste generated will be reduced and reuse will be maximised by implementing the mitigation measures detailed in Section 2 below.</li> <li>Flooding risk has been addressed above.</li> </ul>	
No impacts on biodiversity, soil and water, and heritage items beyond those already approved under SSI 7474 approval (CoA A21(b)(iii)	Y	The environmental impacts associated with the establishment and operation of Minor Ancillary Facility (CH578 Ballast) are considered minor and consistent with those impacts approved under SSI 7474.	
Boundary screening around all facilities adjacent to and visible from sensitive receivers for the duration of use of the ancillary facility unless otherwise agreed with the relevant council and affected residents, business operators or landowners (COA A22)	Y	Minor Ancillary Facility (CH578 Ballast) will be assessed for visual impact from any surrounding sensitive receivers. Screening will be applied where the MAF site represents a moderate to high visual impact. Anti-gawking screens will be applied where required by a TfNSW approval.	

A locational map, environmental constraints and co-ordinates have been provided in Appendix A and B.

# 2. Mitigation Measures

Based on the site details and environmental constraints identified in Table 1 and Table 2 above, the key environmental risks associated with the establishment and operation of the Minor Ancillary Facility (CH578 Ballast) include:

- Dust and associated impacts to air quality resulting from access and use; and
- Noise impacts to surrounding sensitive receivers.

With the implementation of the mitigation measures detailed in Table 3 below, these impacts are considered to be minor and consistent with those impacts assessed and approved under CSSI 7474.

#### Table 3: Minor Ancillary Facility – Mitigation Measures

	Measure/Requirement	Responsibility	Timing/ frequency
1)	Site inductions will include the following specific components for biodiversity, noise, dust, surface water, erosion & sediment control management:	Environmental Manager	Pre- construction

	Measure/Requirement	Responsibility	Timing/ frequency
	<ul> <li>Awareness of General Environmental Duty and Duty to Notify, (legislative obligations)</li> <li>The requirement for erosion and sediment control devices to be implemented and maintained in accordance with the Erosion &amp; Sediment Control Plan</li> <li>Waste Management</li> <li>The mapped, native vegetation occurring within and adjacent the site and the significance of the TEC.</li> <li>The No-Go Zones for the MAF, incl. the significance of this control and the environmental constraints it's protecting i.e. mapped TEC, threatened species, etc.</li> </ul>		
	<ul> <li>Hours of operation.</li> <li>General noise related mitigation measures.</li> </ul>		
2)	Progressive Erosion and Sediment Control Plans (PESCPs) will be developed by Trans4m Rail Environmental Coordinators and reviewed by a CPESC throughout the site establishment phase.	Environmental Manager	Pre- construction
3)	Controls must be in place to prevent tracking dirt and mud onto roads.	Construction Supervisor	Construction
4)	Spoil, mud or the like spilt onto sealed roads to be removed within 24hrs or before end of shift (5pm AEDT if Newell HWY is affected) through use of a street sweeper or other means. Controls to minimise mud-tracking onto public roads will generally include rumble grids (i.e. similar to Pad 2), stabilised site access (i.e. rock, gravels, etc) or sheeting of the MAF with clean rock material (i.e. similar to Pad 4).	Construction Supervisor	Construction
5)	Mobile plant and vehicles, including deliveries must use designated travel routes, site access routes, site access tracks and lay down areas.	Construction Supervisor	Construction
6)	Any activities requiring the discharge of construction water off site will be undertaken in accordance with the PESCP.	All personnel / Environmental Manager	Construction
7)	Slashing limits (incl. vegetation to be retained) must be clearly identified and physically demarcated on-site. Slashing, clearing or other ground disturbance activities must not occur outside these areas unless otherwise approved in writing by the Environment Manager, or suitable delegate.	Construction Supervisor	Construction
8)	Groundcover to be re-established as soon as practicable to prevent erosion during construction.	Construction Supervisor	Construction
9)	In the event that an area or item of heritage significance, threatened species, contaminated material or asbestos containing materials (ACM) are discovered or suspected on-site, then all works affecting the find must cease immediately, the area secured and relevant Trans4m Rail's Unexpected Finds Procedure / Protocol will be implemented. Trans4m Rail's Environmental Manager (or delegate), ARTC and the Project Environmental Representative must be immediately notified of any unexpected finds. Other stakeholders (e.g. NSW	All personnel / Construction Supervisor	Construction
	EPA, OEH, DPIE, WaterNSW, Council, local landholders, etc) may also be notified depending on the nature and scale of the unexpected find.		
10)	Any spills or leaks of chemicals, fuels, oils, effluent or any other hazardous substance that occurs during site establishment must be managed and reported in accordance with Trans4m Rail's Environmental Incident Response and Reporting Procedure.	All personnel / Construction Supervisor	Construction

	Measure/Requirement	Responsibility	Timing/ frequency
11)	Refuelling activities must always be closely supervised. Plant and equipment being refuelled must not be left unattended for any period of time.	All personnel / Construction Supervisor	Construction
12)	The land on which ancillary facilities, laydowns areas, access tracks and all other temporary works are located shall be rehabilitated to at least their pre-construction condition or better, unless otherwise agreed by the landowner.	Construction Supervisor	Construction
13)	<ul> <li>Weather forecast will be reviewed daily (via http://www.bom.gov.au/) and additional measures implemented where unfavourable weather conditions (i.e. hot, dry weather, high wind speed (&gt;10m/s)) are anticipated. Measures to be implemented during unfavourable weather conditions may include a reduction of speed, a modified construction methodology, alternative plant and equipment, altering the scheduled works or program for the day, additional water carts or ceasing dust generating activities until conditions are more favourable.</li> <li>Dust will be monitored and managed in accordance with the mitigation measures detailed in Project's CSWMP.</li> <li>In addition to this, the following measures will be undertaken;</li> <li>Where practical, the MAF carpark and trafficked areas will be sheeted with clean rock / gravel material.</li> <li>Increased training and surveillance of dust by key Project personnel (i.e. Superintendents, Supervisors, Operators etc).</li> <li>Stockpiling and material handling will be avoided in MAFs adjacent the Newell Hwy.</li> <li>Long term stockpiles (&gt;1 month) will be compacted using an excavator bucket and soil binder applied (where practicable).</li> <li>Where practicable, soil binder will be used on highly trafficked areas.</li> <li>Material i.e. gravel, ballast, etc will be watered down prior to loading, handling and movement.</li> </ul>	Environmental Manager / Construction Supervisor	Construction
14)	The following dust control measures will be utilised to suppress dust being generated from access roads, laydown areas, ancillary facilities and all other exposed surfaces; water application via watercarts and alternative means (i.e. sprinklers, hoses), sealing or stabilisation of highly trafficked areas, dust screens, application of geofabric or jute mat or the application of soil binding agents. The frequency of use will be modified depending on the prevailing wind and weather conditions. <i>If dust impacts the Newell HWY at any stage, all works will cease until causation has been rectified.</i>	Construction Supervisor	Construction
15)	Exhaust systems of construction plant, vehicles and machinery will be maintained in accordance with manufacturer's specifications to ensure that emissions do not exceed EPA regulations. Periodic visual checks will be undertaken daily.	Construction Supervisor	Construction
16)	Waste will be segregated and collected on a regular basis to ensure odours associated with waste do not become an issue to surrounding sensitive receivers. All waste will be collected and disposed of at a licensed facility.	All personnel	Construction
17)	All works will be undertaken in accordance with the standard construction hours detailed in Condition of Approval E1.	Construction Supervisor	Construction

Minor Ancillary Facility Checklist - (CH578 Ballast) - Rev. 3

	Measure/Requirement	Responsibility	Timing/ frequency
18)	Notification undertaken during construction would inform relevant stakeholders of the work locations and timing, and the potential for noise impacts.	Community Engagement Team	Construction
19)	Boundary screening will be erected if a site inspection determines that the MAF could significantly impact sensitive receivers. Anti-gawking screens will be applied where required by a TfNSW Approval.	Environment Manager / Construction Supervisor	Construction
20)	Within the proposed MAF (CH578 Ballast) site a total area of ~98.2% was identified as <i>Zone 0- Cleared/Non-native Vegetation</i> , and a total area of ~1.8% was identified as <i>Zone 5 - PCT-56 BVT-BR186</i> , <i>NA182-Poplar Box - Belah woodland on clay-loam soils on alluvial plains of north-central NSW</i> . NOTE: As this is within the SPIR CIZ this have been accounted for in the Project's Approval and if removal is required will be offset under the projects Biodiversity Offset Strategy.	Environmental Works team	Construction

#### 3. Certification

This Minor Ancillary Facility Checklist provides a true and fair review of the proposed activity for the Inland Rail N2NS upgrade project.

Signed:

Name: Maggie Wilton

Position: Trans4m Enviro & Sustainability Admin Assistant Date: 06/04/2022

Signed:

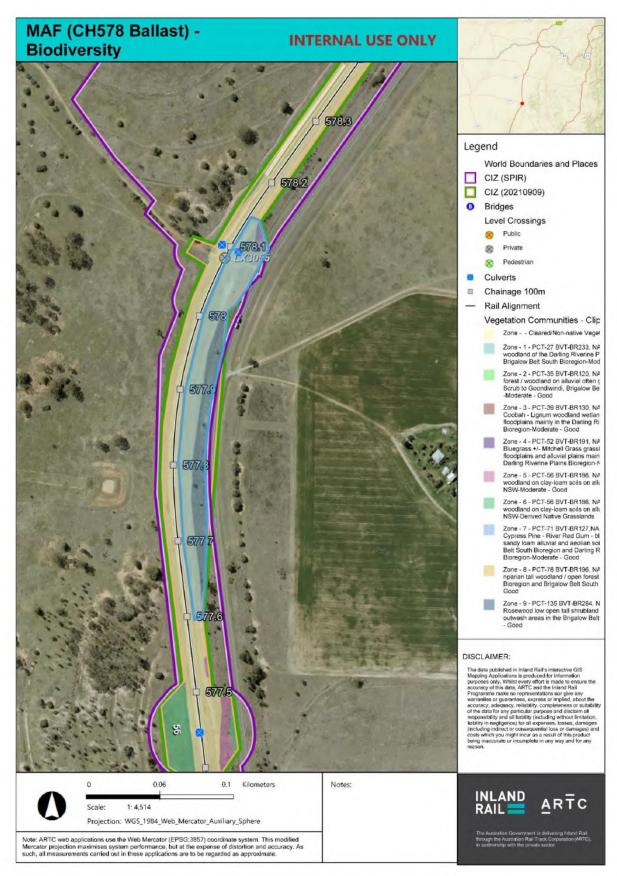
Name: Steve Fermio

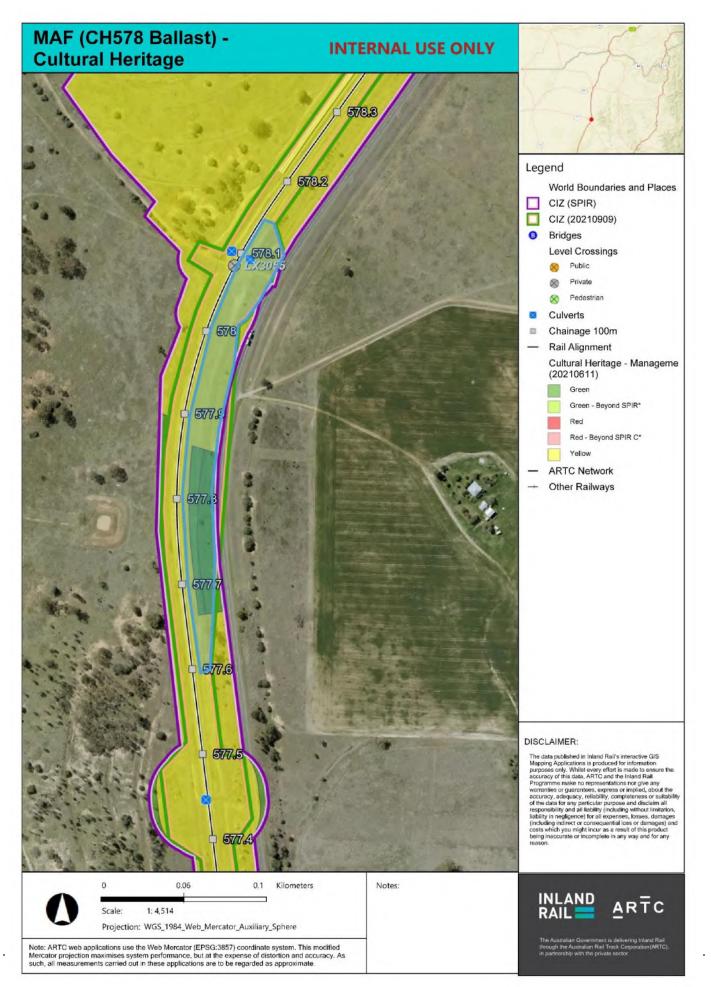
Position: Environmental Representative

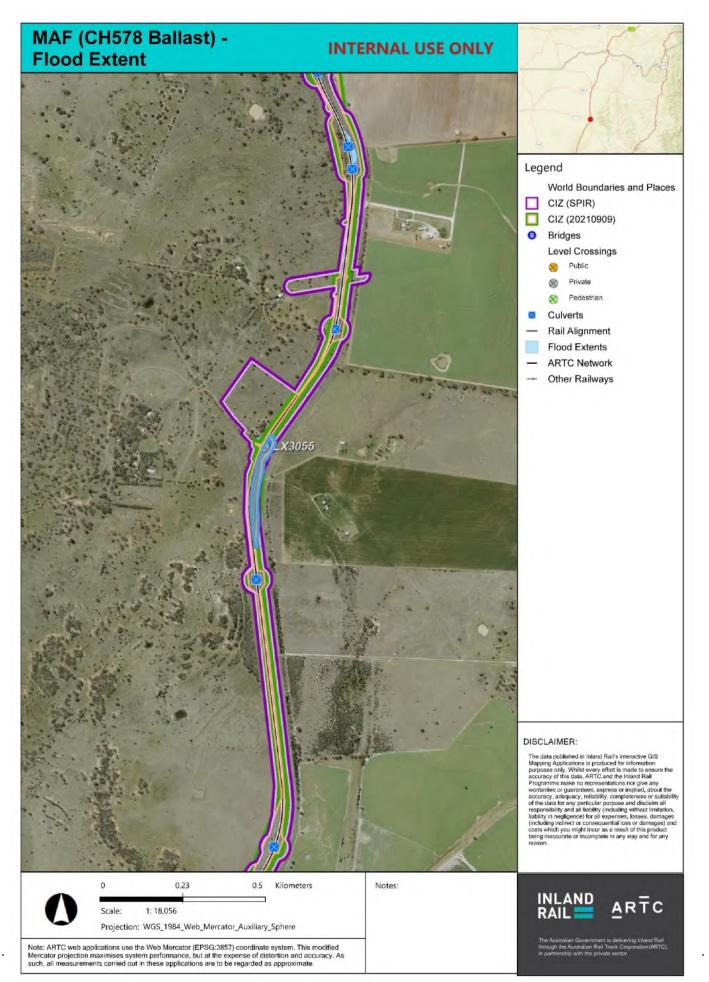
Date: 11 / 4 /2022

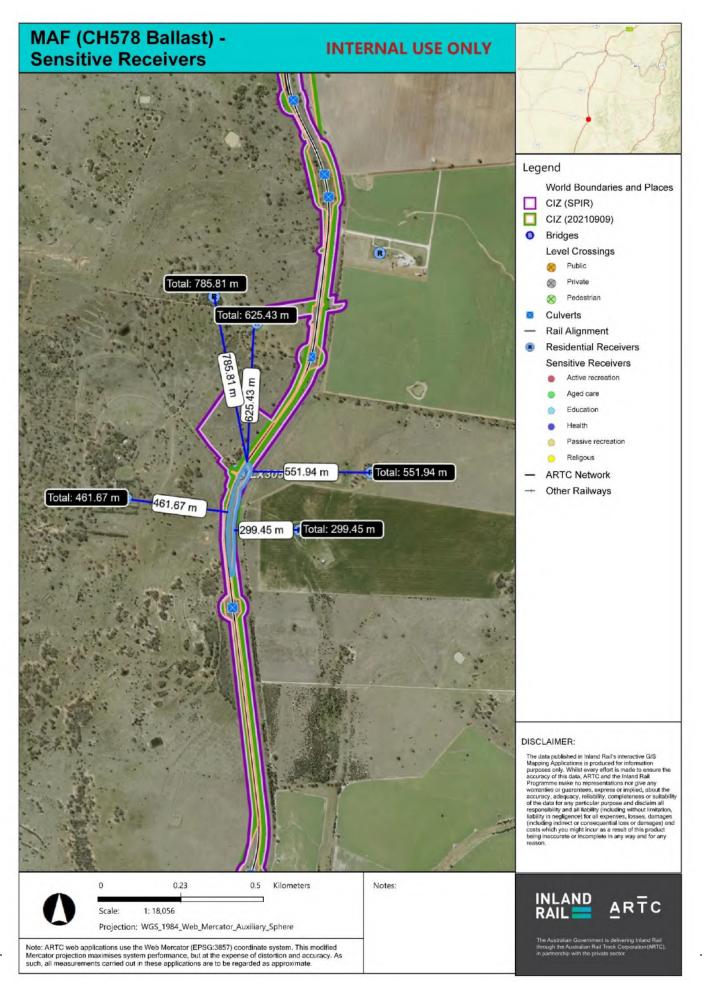
Note: This MAF approval does not constitute in any way an authorisation of the traffic control and entry / exit arrangements for light and heavy vehicles at this site. These are subject to separate approval by, and the requirements of, TfNSW (or Local Council) through the relevant Road Occupancy Licence/s, Speed Zone Authorisation/s, Traffic Management Plan or any other TfNSW or Local Council regulatory requirements.

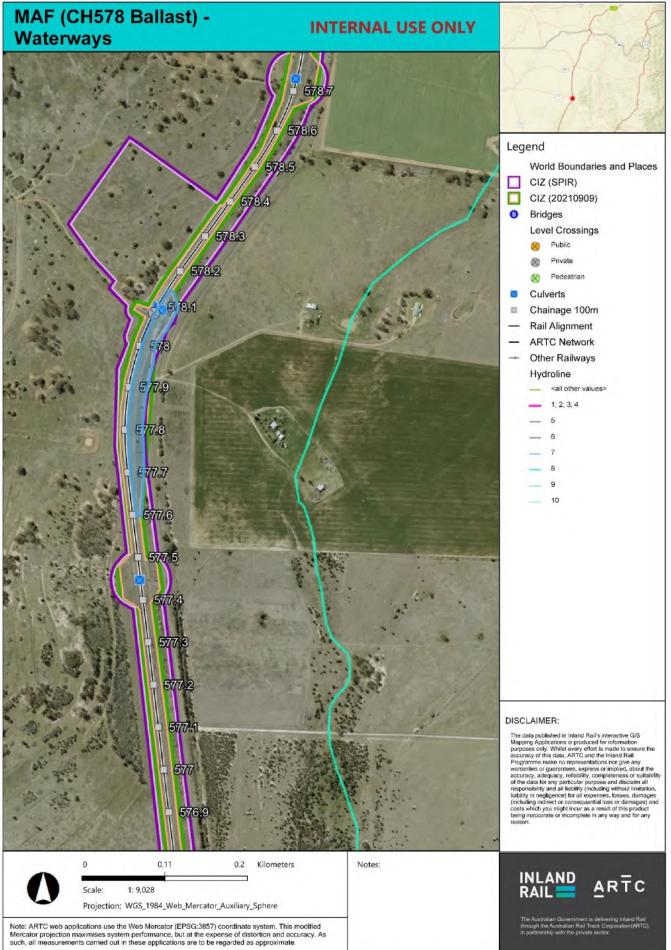
# Appendix A: Site Location (incl. Environmentally Sensitive Areas)











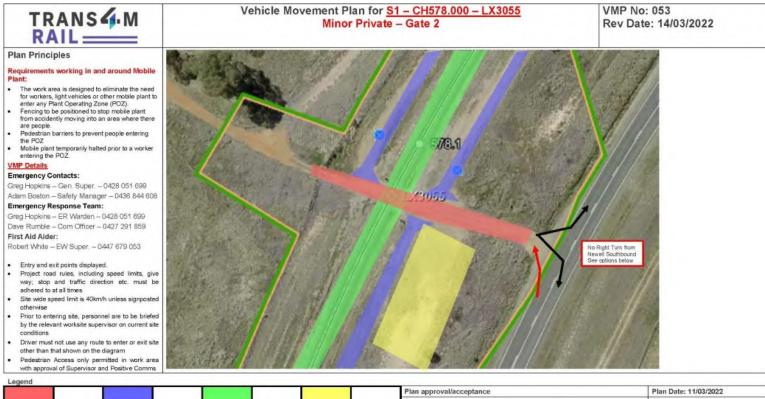
# **Appendix B: Site Location (Co-ordinates)**

-	
1	Lat: 30.25005° S
	Lon: 149.80430° E
2	Lat: 30.25014° S
-	Lon: 149.80459° E
3	Lat: 30.25373° S
	Lon: 149.80427° E
Δ	Lat: 30.25381° S
-	Lon: 149.80415° E

Minor Ancillary Facility Checklist - (CH578 Ballast) - Rev. 3

# **Appendix C: Noise Estimator**

## **Appendix D: Vehicle Movement Plan**



1.000						Plan approval/acceptance	Plan Date: 11/03/2022
	Public Access		Alignment Access	Main Alignment Works Zone	MAF	Supervisor: lan Lambert – Earthworks Supervisor – 0427 276 643 Scott Karabel – Earthworks Supervisor – 0418 468 530 UHF Channel:	Signature:
1	All Traffic IN	1	All Traffic OUT			VMP must be briefed to all members of the work group at the Prestar Changing conditions (e.g., new, or extra work group, new work area) VMP is Mandatory to all works areas and must be approved prior to Ensure vehicles do not obstruct highway or level crossing when trans Pedestrian Access will be finalised on site.	must be captured, plan amended, and changes agreed. works commencing.

Revision No: 0 Issue Date: 04/02/2022

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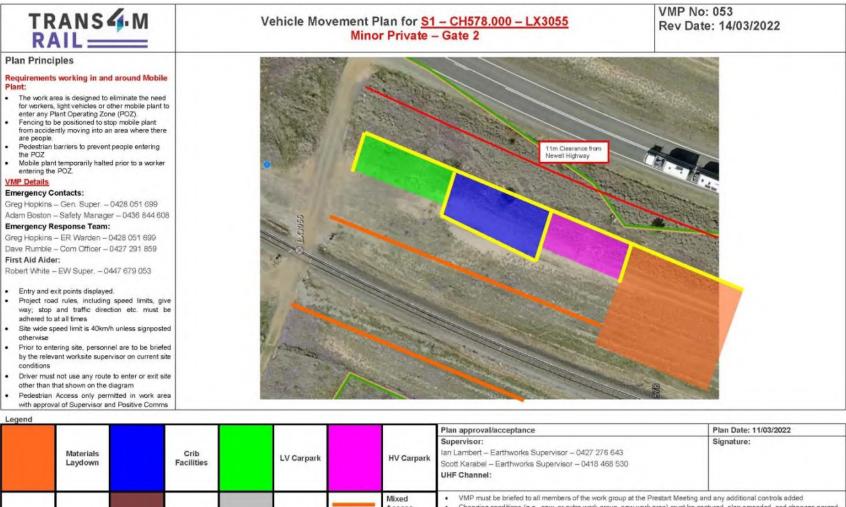
Page 1

	Vehicle Movement Pl Minor	VMP No: 053 Rev Date: 14/03/2022	
Plan Principles	Southbound Traffic - Site Entry Options:		
<ul> <li>Requirements working in and around Mobile Plant:</li> <li>The work area is designed to eliminate the need for workers, light vehicles or other mobile plant to enter any Plant Operating Zone (PO2).</li> <li>Fencing to be positioned to stop mobile plant from accidently moving into an area where there are people.</li> <li>Pedestrian barriers to prevent people entering the PO2.</li> <li>Mobile plant temporarily halted prior to a worker entering the PO2.</li> <li>MD Details</li> <li>Emergency Contacts:</li> <li>Greg Hopkins – Gen. Super. – 0428 051 699</li> <li>Adam Boston – Safety Manager – 0438 6844 608</li> <li>Emergency Response Team:</li> <li>Greg Hopkins – ER Warden – 0428 051 699</li> <li>Dave Rumble – Com Officer – 0427 291 859</li> <li>First Aid Aider:</li> <li>Robert White – EW Super. – 0447 679 053</li> <li>Entry and exit points displayed.</li> <li>Project road rules, including speed limits, give way, stop and traffic direction etc. must be adhered to at all times.</li> <li>Site wide speed limit is 40km/h unless signposted otherwise.</li> <li>Prior to entering site, personnel are to be briefed by the relevant worksite supervisor on current site conditions.</li> <li>Driver must not use any route to enter or exit site other than that shown on the diagram.</li> <li>Pedestrian Access only permitted in work area with approval of Supervisor and Postive Comms</li> </ul>	Enter at Gate 1 – south, after LX3055 – Right Turn OK	Enter at Gate 4 – north, before LX3055 – Right Turn OK	U-Turn at Narrabri

	Public Access		Alignment Access	Main Alignment Works Zone	Plan approval/acceptance Supervisor: Ian Lambert – Earthworks Supervisor – 0427 276 643 Scott Karabel – Earthworks Supervisor – 0418 468 530 UHF Channel:	Plan Date: 12/03/2022 Signature:
1	All Traffic IN	1	All Traffic OUT		<ul> <li>VMP must be briefed to all members of the work group at the Prestart Me</li> <li>Changing conditions (e.g., new, or extra work group, new work area) mus</li> <li>VMP is Mandatory to all works areas and must be approved prior to works</li> <li>Ensure vehicles do not obstruct highway or level crossing when transiting</li> <li>Pedestrian Access will be finalised on site.</li> </ul>	be captured, plan amended, and changes agreed. commencing.

#### Issue Date: 04/02/2022

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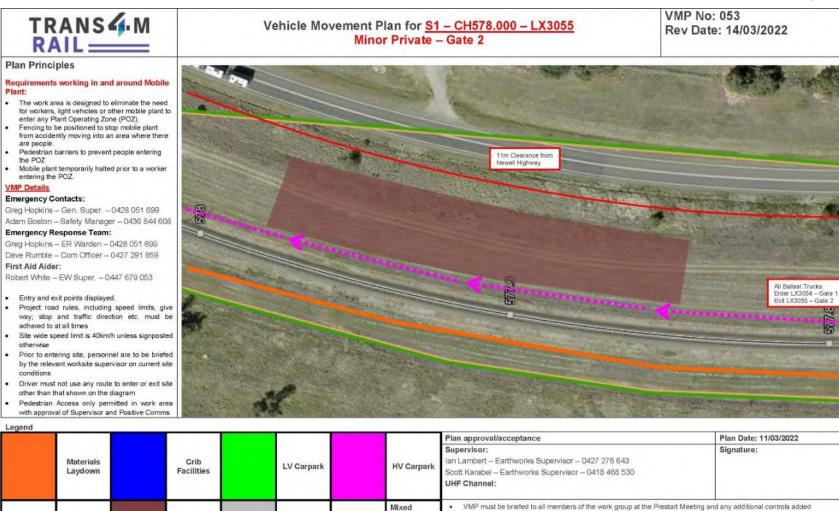
#### Changing conditions (e.g., new, or extra work group, new work area) must be captured, plan amended, and changes agreed. Access Delineation VMP is Mandatory to all works areas and must be approved prior to works commencing. . LV Access . Ensure vehicles do not obstruct highway or level crossing when transiting to and from delivery site. Lime Ballast Storage Pedestrian HV Access . Pedestrian Access will be finalised on site. Access Solid 2-Way Dash 1-Way

Revision No: 0 Issue Date: 04/02/2022

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Page 3

#### Minor Ancillary Facility Checklist - (CH578 Ballast) - Rev. 3



Access

LV Access

**HV Access** 

Solid 2-Way Dash 1-Way .

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Delineation

Pedestrian

Access

Ballast

Lime

Revision No: 0

Issue Date: 04/02/2022

Storage

22

Changing conditions (e.g., new, or extra work group, new work area) must be captured, plan amended, and changes agreed.

· VMP is Mandatory to all works areas and must be approved prior to works commencing.

Pedestrian Access will be finalised on site.

· Ensure vehicles do not obstruct highway or level crossing when transiting to and from delivery site.

# Appendix E: Road Occupancy Licence (ROL)

### ROAD OCCUPANCY LICENCE



LICENCE NO : 556329

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol.transport.nsw.gov.au, This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMEN	T - NEW CONSTRUCTION	LOCATIO	NC								
Project	Not Applicable	Subject R	oad:		WELL						
This Activity :	In Land Rail. Narrabri to North Star. Newell	From:				A RD, NA					
	Highway Section from Narrabri to Gurley.	To: Council:			RRAB	.A RD, G RI	URL	ΞY			
	Work Description: Survey, Vegetation maintenance										
	Light Vehicle Movements, Minor Heavy Vehicle										
	Movements <20										
ICENSEE		ONSITE	CONT	ACT							
Organisation:	Trans4m Rail Joint Venture	Name:		Lu	ke McG	Boldrick					
Ref No:		Phone:		04	137775	63					
Name:	Luke McGoldrick										
Phone:	0413777563										
RAFFIC MANA	AGEMENT	LICENC	EDUR	ATIO	N	1					
low Managemen	t Contra Flow; Standard Lane Merge; Mobile Works;	From:		21-	Mar-20	022					
	Portable Signals; Short Term / Intermittent Works;	To:		20-	Apr-20	22					
	Stop / Slow Control										
Closure Type:	All lanes both directions										
Closure Lane(s):											
Direction(s):	All Directions										
LICENCE CON	DITIONS		APPR	OVE	D DAT	ES&T	IMES	3			
	OU MUST USE SHIFT ACTIVATION WEB ADDRESS ttps://myrol.transport.nsw.gov.au TO ACTIVATE AND DEACTIVAT PPROVED ROAD OCCUPANCY LICENCE(S). (TO CHANGE TR/			From	n Shift				То	Shift	
			From	D	м	Time	-	То	D	м	Tim
CONTROL S	IGNALS TO FLASHING YELLOW OR TO ACTIVATE VARIABLE MESSAGE SIGNS DIAL 1800 679 782)		Mon	21	Mar	00:00	-	Tue	22	Mar	00:0
	CE IS NOT AN APPROVAL OF THE PROPONENT'S 1	PAEEIC	Tue	22	Mar	00:00	-	Wed	23		00:0
GUIDANCE S	SCHEMES (TGS). PLEASE NOTE WORKCOVER REC	UIRES	Wed	23	Mar		-	Thu	24		00:0
THAT TRAFF	IC GUIDANCE SCHEMES (TGS) COMPLY WITH AS	1742.3	Thu	24	Mar	00:00	-	Fri	25		00:0
	RELATING TO NOISE GENERATION OR OTHER NTAL FACTORS ON SITE ARE UNDER THE JURISE	DICTION	Fri	25	Mar		-	Sat	26	Mar	
OF THE LOC	AL COUNCIL AND/OR THE ENVIRONMENTAL PRO		Sat	26	Mar	00:00	-	Sun	27	Mar	
AUTHORITY		-	Sun	27	Mar	00:00	-	Mon	28	Mar	
	E PROPOSED WORKS INVOLVE UNDERBORING O N OF STATE ROAD ASSETS OR THE REMOVAL OF		Mon Tue	28 29	Mar		-	Tue Wed	29 30		00:00
AND GUTTE	R, DETAILS OF WORKS MUST BE APPROVED BY T ER SYDNEY REGION CONTACT:		Wed	30	Mar Mar	00:00	1	Thu	30	Mar	
greatersydne	yroads@transport.nsw.gov.au. FOR REGIONAL & OU	TER	Thu	31	Mar		2	Fri	01	Apr	00:00
	TAN. CONTACT: road.access@transport.nsw.gov.au.	071155	Fri	01	Apr	00:00		Sat	02	Apr	00:0
	ON TO AFFECTED BUSINESSES, RESIDENTS AND ERS MUST BE UNDERTAKEN AT LEAST 5 BUSINE		Sat	02	Apr	00:00		Sun	03	Apr	00:0
	ORKS COMMENCING		Sun	03	Apr	00:00	-	Mon	04	Apr	00:0
	ADVANCE WARNING MUST BE PROVIDED TO NG MOTORISTS.		Mon	04	Apr	00:00	-	Tue	05	Apr	00:0
	MONITORING OF END-OF-QUEUE CONDITION MUS	STRE	Tue	05	Apr	00:00	-	Wed	06	Apr	00:00
IMPLEMENT	ED. IF QUEUING CONTRARY TO CONDITIONS OF	THIS	Wed	06	Apr	00:00	-	Thu	07	Apr	00:00
	CURS, THEN THE ROAD MUST BE RE-OPENED AN EUE MUST BE CLEARED.	1D	Thu	07	Apr	00:00	-	Fri	08	Apr	00:00
	S TO BE USED ONLY WHEN TRAFFIC CONTROL		Fri	08	Apr	00:00	-	Sat	09	Apr	00:00
MEASURES	HAVE BEEN IMPLEMENTED AND ROAD WORKS AI		Sat	09	Apr	00:00	-	Sun	10	Apr	00:0
LENGTH.	40KM/H ZONE SHOULD NOT EXCEED 500 METRE	5 111	Sun	10	Apr	00:00	-	Mon	11	Apr	
	AGES OF TRAFFIC RESULTING FROM ACTIVITIES	IN THIS	Mon	11	Apr	00:00	-	Tue	12	Apr	00:0
	JST NOT EXCEED 5 MINUTES PER INSTANCE OR E IN LENGTH, ALL TRAFFIC QUEUES MUST BE CLE		Tue	12	Apr	00:00	-	Wed	13	Apr	
AND TRAFFI	C RETURNED TO FREE FLOWING CONDITION BET		Wed	13	Apr	00:00	-	Thu	14	Apr	00:0
STOPPAGES	5.		Thu	14	Apr	00:00	-	Fri	15	Apr	00:0
			Fri	15	Apr	00:00		Sat	16	Apr	00:0

All pages of this Road Occupancy Licence and associated Speed Zone Authorisation(s) must be available on site at all times and must be produced for inspection when requested by representatives of NSW Police, Roads & Maritimes Services, Transport for NSW and other Government Agencies.

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Minor Ancillary Facility Checklist - (CH578 Ballast) - Rev. 3

NSW

Transport

Roads & Maritime Services

## ROAD OCCUPANCY LICENCE

### LICENCE NO : 556329

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMENT	- NEW CONSTRUCTION	LOCATI	ON								
Project:	Not Applicable	Subject F		NE	WELL	HWY					
This Activity :	In Land Rail. Narrabri to North Star. Newell	From:	WEE WAA RD, NARRABR				BRI				
	Highway Section from Narrabri to Gurley.	To:	KANIMBLA RD, GURLEY					EY			
		NARRABRI									
	Work Description: Survey, Vegetation maintenance										
	Light Vehicle Movements, Minor Heavy Vehicle										
	Movements <20										
LICENSEE		ONSITE	CONT	ACT							
Organisation:	Trans4m Rail Joint Venture	Name:		Lui	ke McC	Goldrick					
Ref No:		Phone:		04	13777	563					
Name:	Luke McGoldrick										
Phone:	0413777563										
TRAFFIC MANAG	GEMENT	LICENC	E DUR	ATIO	N						
Flow Management	Contra Flow; Standard Lane Merge; Mobile Works;	From:		21-	-Mar-2	022					
	Portable Signals; Short Term / Intermittent Works; Stop / Slow Control	To:		20-	Apr-20	022					
Closure Type:	All lanes both directions										
Closure Lane(s):	Shoulder; Median Shoulder										
Direction(s):	All Directions										
LICENCE COND	ITIONS		APPR	OVE	D DAT	TES&T	IME	3			
	RAFFIC SIGNALS MUST BE IN ACCORDANCE WIT			From	n Shift				То	Shift	
	STANDARDS AND APPROVED FOR USE BY TFN: N OF PORTABLE TRAFFIC SIGNALS MUST COMF		From	D	м	Time	-	То	D	м	Time
THE TRAFFIC	CONTROL AT WORKSITES MANUAL. TRAFFIC Q		Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
	NITORED AND MANAGED.		Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
11 LANE WIDTHS HEAVY VEHIC	MUST BE SUFFICIENT TO PERMIT CLEAR ACCE	ESS FOR	Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
	MOBILE WORKS MUST COMPLY WITH AUSTRALIAN STANDARDS				Apr	00:00	-	Wed	20	Apr	00:00

12 MOBILE WORKS MUST COMPLY WITH AUSTRALIAN STANDARDS 1742.3 AND TINSW'S TRAFFIC CONTROL AT WORK SITES MANUAL. MOBILE WORKS MUST GIVE PRIORITY TO PLANNED SITE-SPECIFIC ROL APPROVALS.

## SPEED ZONE AUTHORISATION



Transport **Roads & Maritime** Services

#### LIC/SZA NO: 556329/001 ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMENT	- NEW CONSTRUCTION	SPEED LIMIT F	REDUCTION
Project	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highway	Reduced To :	80 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LOCATION		TRAFFIC MAN	AGEMENT	
Subject Road:	NEWELL HWY	Distance(m):	2000	
From:	WEE WAA RD, NARRABRI	Direction:	All Directions	
To:	KANIMBLA RD, GURLEY			
Council:				
LICENSEE		ONSITE CON	TACT	
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
Ref No:		Phone:	0413777563	

Name: Luke McGoldrick 0413777563 Phone:

#### **APPROVED DATES & TIMES**

	From	h Shift				То	Shift	
From	D	M	Time	-	То	D	м	Time
Mon	21	Mar	00:00	-	Tue	19	Apr	00:00
Tue	22	Mar	00:00	-	Wed	23	Mar	00:00
Wed	23	Mar	00:00	-	Thu	24	Mar	00:00
Thu	24	Mar	00:00	-	Fri	25	Mar	00:00
Fri	25	Mar	00:00	-	Sat	26	Mar	00:00
Sat	26	Mar	00:00	-	Sun	27	Mar	00:00
Sun	27	Mar	00:00	-	Mon	28	Mar	00:00
Mon	28	Mar	00:00	-	Tue	29	Mar	00:00
Tue	29	Mar	00:00	-	Wed	30	Mar	00:00
Wed	30	Mar	00:00	-	Thu	31	Mar	00:00
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00
Fri	01	Apr	00:00	-	Sat	02	Apr	00:00
Sat	02	Apr	00:00	-	Sun	03	Apr	00:00
Sun	03	Apr	00:00	-	Mon	04	Apr	00:00
Mon	04	Apr	00:00	-	Tue	05	Apr	00:00
Tue	05	Apr	00:00	-	Wed	06	Apr	00:00
Wed	06	Apr	00:00	-	Thu	07	Apr	00:00
Thu	07	Apr	00:00	-	Fri	08	Apr	00:00
Fri	08	Apr	00:00	-	Sat	09	Apr	00:00
Sat	09	Apr	00:00	-	Sun	10	Apr	00:00
Sun	10	Apr	00:00	-	Mon	11	Apr	00:00
Mon	11	Apr	00:00	-	Tue	12	Apr	00:00

Transport Roads & Maritime Services

# SPEED ZONE AUTHORISATION

### LIC/SZA NO: 556329/001

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMEN	T - NEW CONSTRUCTION	SPEED LIMIT	REDUCTION					
Project:	Not Applicable	Existing:	110 Km/h					
This Activity :	In Land Rail. Narrabri to North Star. Newell Highw	ay Reduced To :	80 Km/h					
	Section from Narrabri to Gurley.							
	Work Description: Survey, Vegetation maintenance,							
	Light Vehicle Movements, Minor Heavy Vehicle							
	Movements <20							
periods. The Org	anisation is to maintain accurate records of when the	speed limit signs we	to be covered or removed outside the approved time ere installed and removed, including the location of the					
signs, the date a	anisation is to maintain accurate records of when the nd times. The existing posted speed limit* is to be rein	speed limit signs we	ere installed and removed, including the location of the					
signs, the date a herein.	anisation is to maintain accurate records of when the	speed limit signs we	ere installed and removed, including the location of the etion of each of the approved time periods as detailed					
signs, the date a herein.	anisation is to maintain accurate records of when the	speed limit signs we stated at the compl	ere installed and removed, including the location of the etion of each of the approved time periods as detailed					
signs, the date a herein. LOCATION Subject Road:	anisation is to maintain accurate records of when the nd times. The existing posted speed limit* is to be rein	speed limit signs we stated at the compl TRAFFIC MAN	ere installed and removed, including the location of the etion of each of the approved time periods as detailed IAGEMENT					
signs, the date a	anisation is to maintain accurate records of when the nd times. The existing posted speed limit* is to be rein NEWELL HWY	speed limit signs we stated at the compl TRAFFIC MAN Distance(m):	ere installed and removed, including the location of the etion of each of the approved time periods as detailed IAGEMENT 2000					
signs, the date ā herein. LOCATION Subject Road: From:	anisation is to maintain accurate records of when the nd times. The existing posted speed limit* is to be rein NEWELL HWY WEE WAA RD, NARRABRI	speed limit signs we stated at the compl TRAFFIC MAN Distance(m):	ere installed and removed, including the location of the etion of each of the approved time periods as detailed IAGEMENT 2000					
signs, the date ā herein. LOCATION Subject Road: From: To:	anisation is to maintain accurate records of when the nd times. The existing posted speed limit* is to be rein NEWELL HWY WEE WAA RD, NARRABRI	speed limit signs we stated at the compl TRAFFIC MAN Distance(m):	ere installed and removed, including the location of the etion of each of the approved time periods as detailed IAGEMENT 2000 All Directions					
signs, the date ā herein. LOCATION Subject Road: From: To: Council: LICENSEE	anisation is to maintain accurate records of when the nd times. The existing posted speed limit* is to be rein NEWELL HWY WEE WAA RD, NARRABRI	speed limit signs we stated at the compl TRAFFIC MAN Distance(m): Direction:	ere installed and removed, including the location of the etion of each of the approved time periods as detailed IAGEMENT 2000 All Directions					
signs, the date ā herein. LOCATION Subject Road: From: To: Council: LICENSEE Drganisation:	anisation is to maintain accurate records of when the nd times. The existing posted speed limit* is to be rein NEWELL HWY WEE WAA RD, NARRABRI KANIMBLA RD, GURLEY	speed limit signs we stated at the compl TRAFFIC MAN Distance(m): Direction:	ere installed and removed, including the location of the etion of each of the approved time periods as detailed IAGEMENT 2000 All Directions					
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	From	n Shift				То	Shift	
From	D	м	Time	-	То	D	м	Time
Tue	12	Apr	00:00	-	Wed	13	Apr	00:00
Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
Thu	14	Apr	00:00	-	Fri	15	Apr	00:00
Fri	15	Apr	00:00	-	Sat	16	Apr	00:00
Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
Tue	19	Apr	00:00	-	Wed	20	Apr	00:00

## SPEED ZONE AUTHORISATION



Transport **Roads & Maritime** Services

#### LIC/SZA NO: 556329/002 ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMENT	- NEW CONSTRUCTION	SPEED LIMIT F	REDUCTION
Project	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highway	Reduced To :	60 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LOCATION		TRAFFIC MAN	AGEMENT	
Subject Road:	NEWELL HWY	Distance(m):	2000	
From:	WEE WAA RD, NARRABRI	Direction:	All Directions	
To:	KANIMBLA RD, GURLEY			
Council:				
LICENSEE		ONSITE CON	TACT	
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
Ref No:		Phone:	0413777563	

Name: Luke McGoldrick 0413777563 Phone:

#### **APPROVED DATES & TIMES**

From Shift						То	Shift	
From	D	м	Time	-	То	D	м	Time
Mon	21	Mar	00:00	-	Tue	19	Apr	00:00
Tue	22	Mar	00:00	-	Wed	23	Mar	00:00
Wed	23	Mar	00:00	-	Thu	24	Mar	00:00
Thu	24	Mar	00:00	-	Fri	25	Mar	00:00
Fri	25	Mar	00:00	-	Sat	26	Mar	00:00
Sat	26	Mar	00:00	-	Sun	27	Mar	00:00
Sun	27	Mar	00:00	-	Mon	28	Mar	00:00
Mon	28	Mar	00:00	-	Tue	29	Mar	00:00
Tue	29	Mar	00:00	-	Wed	30	Mar	00:00
Wed	30	Mar	00:00	-	Thu	31	Mar	00:00
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00
Fri	01	Apr	00:00	-	Sat	02	Apr	00:00
Sat	02	Apr	00:00	-	Sun	03	Apr	00:00
Sun	03	Apr	00:00	-	Mon	04	Apr	00:00
Mon	04	Apr	00:00	-	Tue	05	Apr	00:00
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Wed	06	Apr	00:00	-	Thu	07	Apr	00:00
Thu	07	Apr	00:00	-	Fri	08	Apr	00:00
Fri	08	Apr	00:00	-	Sat	09	Apr	00:00
Sat	09	Apr	00:00	-	Sun	10	Apr	00:00
Sun	10	Apr	00:00	-	Mon	11	Apr	00:00
Mon	11	Apr	00:00	-	Tue	12	Apr	00:00

Transport Roads & Maritime Services

# SPEED ZONE AUTHORISATION

### LIC/SZA NO: 556329/002

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOT HELI	T - NEW CONSTRUCTION	SPEED LIMIT	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highway	Reduced To :	60 Km/h
	Section from Narrabri to Gurley.		
	Work Description: Survey, Vegetation maintenance,		
	Light Vehicle Movements, Minor Heavy Vehicle		
	Movements <20		
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From Shift						10	Shift	
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Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
Thu	14	Apr	00:00	-	Fri	15	Apr	00:00
Fri	15	Apr	00:00	-	Sat	16	Apr	00:00
Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
Tue	19	Apr	00:00	-	Wed	20	Apr	00:00

Transport Roads & Maritime Services

# SPEED ZONE AUTHORISATION

### LIC/SZA NO: 556329/003

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELO	OPME	NT - NE	WCON	ISTRU	ICTION				SPEED LIMIT	REDUCTION
Project:		No	t Applicat	ble					Existing:	110 Km/h
This Activ	vity :	In I	and Rail	Narra	bri to Nor	th Star.	Newell	Highway	Reduced To :	40 Km/h
		Se	ction from	Narra	bri to Gur	ley.				
		Wo	ork Descri	ption: \$	Survey, V	egetatio	on maint	tenance,		
		Lig	ht Vehicle	e Move	ments, M	inor He	avy Veh	nicle		
		Мо	vements	<20						
periods.	The Or	rganisati	ion is to m	naintair	accurate	record	is of whe	en the sp	beed limit signs w	to be covered or removed outside the approved time ere installed and removed, including the location of the letion of each of the approved time periods as detailed
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Subject F	Road:	NE	WELL H	MY					Distance(m):	500
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Го:		KA	NIMBLA	RD, GI	JRLEY					
Council:										
LICENS	SEE								ONSITE CON	TACT
Organisa	tion:	Tra	ans4m Ra	il Joint	Venture				Name:	Luke McGoldrick
Ref No:									Phone:	0413777563
Name:		Lui	ke McGol	drick						
Phone:		04	13777563							
APPRC	VED [	DATES	& TIME	s		- 20				
	From	Shift				То	Shift			
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From	D	м	Time	-	То	D	м	Time	
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Tue	22	Mar	00:00	-	Wed	23	Mar	00:00	
Wed	23	Mar	00:00	-	Thu	24	Mar	00:00	
Thu	24	Mar	00:00	-	Fri	25	Mar	00:00	
Fri	25	Mar	00:00	-	Sat	26	Mar	00:00	
Sat	26	Mar	00:00	-	Sun	27	Mar	00:00	
Sun	27	Mar	00:00	-	Mon	28	Mar	00:00	
Mon	28	Mar	00:00	-	Tue	29	Mar	00:00	
Tue	29	Mar	00:00	-	Wed	30	Mar	00:00	
Wed	30	Mar	00:00	-	Thu	31	Mar	00:00	
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00	
Fri	01	Apr	00:00		Sat	02	Apr	00:00	
Sat	02	Apr	00:00	-	Sun	03	Apr	00:00	
Sun	03	Apr	00:00	-	Mon	04	Apr	00:00	
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Sun	10	Apr	00:00	-	Mon	11	Apr	00:00	
Mon	11	Apr	00:00	-	Tue	12	Apr	00:00	

### SPEED ZONE AUTHORISATION



Transport Roads & Maritime Services

#### LIC/SZA NO: 556329/003 ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMEN	T - NEW CONSTRUCTION	SPEED LIMIT F	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highw	ay Reduced To :	40 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LOCATION		TRAFFIC MAN	IAGEMENT	
Subject Road:	NEWELL HWY	Distance(m):	500	
From:	WEE WAA RD, NARRABRI	Direction:	All Directions	
To:	KANIMBLA RD, GURLEY			
Council:				

	ONSITE CO	NTACT	
Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
	Phone:	0413777563	
Luke McGoldrick			
0413777563			
	Luke McGoldrick	Trans4m Rail Joint Venture Name: Phone: Luke McGoldrick	Phone: 0413777563 Luke McGoldrick

APPRC	DVED I	DATES	& TIMES	5				
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From Tue	<b>D</b> 12	M Apr	<b>Time</b> 00:00	2	To Wed	D 13	M Apr	<b>Time</b> 00:00
Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
Thu	14	Apr	00:00	-	Fri	15	Apr	00:00
Fri	15	Apr	00:00	-	Sat	16	Apr	00:00
Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
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ADDON/ED DATED & THE

# **Minor Ancillary Facility Checklist**

### 1. Criteria for Minor Ancillary Facilities

The Project's Conditions of Approval (CoA) allows for the establishment and operation of Minor Ancillary Facilities on the Narrabri to North Star (N2NS) Project. Condition A21 states:

CoA A21 Facilities including lunch sheds, office sheds, material lay down sites, stockpile areas, areas used to assemble infrastructure, and portable toilet facilities can be established and operated where they satisfy the following criteria:

- (a) are located within the construction boundary; and
- (b) have been assessed by the ER to have
  - *i.* low amenity impacts to surrounding residences and businesses, after consideration of matters such as compliance with the interim Construction Noise Guideline (DECC, 2009), traffic and access impacts, dust and odour impacts and visual (including light) impacts, and
  - ii. Low environmental impact with respect to waste management and flooding, and
  - iii. No impacts on biodiversity, soil and water and heritage items beyond those already approved under the other terms of this approval.

This Minor Ancillary Facility Checklist has been prepared to assess the proposed Minor Ancillary Facility against the requirements of CoA A21 and all other environmental requirements. Mitigation measures have also been provided to ensure that any environmental risks or impacts to the Community are suitably managed.

These facilities will be located in accordance with the criteria listed in Table 2 and submitted to the Project's Environmental Representative (ER) for approval prior to site works commencing.

Site Name:	Minor Ancillary Facility (CH656.6 Ballast)			
Location:	CH656.6 (Moree, NSW)			
Chainage:	CH656.6 – CH657.5			
Program*:	Construction: April 2022 Occupation: April 2022 – December 2022			
Land Use:	Crown land, within rail alignment.			
Footprint / Size:	< 20,000m <sup>2</sup>			
Use:	<ul> <li>Minor Ancillary Facility (CH656.6 Ballast) will be utilised for the following purposes:</li> <li>Trailer based (mobile) site office, port-o-loo and generator.</li> <li>Carparking for site personnel.</li> <li>General Storage</li> <li>Top and bottom ballast stockpiles (20t at any one time).</li> </ul>			
Site Surroundings:	<ul> <li>Minor Ancillary Facility (CH656.6 Ballast) is surrounded by:</li> <li>North: Rail Line, Tapscott Rd, sparsely vegetated land, and the Newell Highway.</li> <li>East: Rail Line, sparsely vegetated land, private storage dam, agricultural (cropping) land, and sensitive (residential) receiver.</li> <li>South: Agricultural cropping land, and sparsely vegetated land.</li> <li>West: Rail line, Newell Highway, and sparsely vegetated land.</li> <li>Access to Minor Ancillary Facility (CH656.6 Ballast) will be provided north of the MAF via Tapscott Road off the Newell Highway at LX558.</li> </ul>			

#### Table 1: Minor Ancillary Facility – Site Description

Site Establishment Process:	<ul> <li>The below sets out the scope of works for the proposed Minor Ancillary Facility:</li> <li>The proposed footprint of the MAF will be demarcated in the field using hivisibility flagging (or other approved method) and "No-Go Zone" signage.</li> <li>Establishment of the site's erosion and sediment controls will be progressively installed in accordance with the site's Progressive Erosion and Sediment Control Plan.</li> <li>Mobilisation of site facilities: The trailer based (caravan-style) site office, port-o-loo and generator will be mobilised to site.</li> <li>The site compound will be assessed in the field for visual impact to neighbouring sensitive receivers. If the visual impact is deemed moderate or high, ATF style fencing and screening will be installed.</li> </ul>
	NOTE: No bulk earthworks are required for the establishment of MAF (CH656.6 Ballast).

\*NOTE: Subject to weather and unexpected site conditions

Criteria	Compliant (Y) Yes (N) No	Comments
Located within the construction boundary as defined by the approval (CoA A21(a)).	Y	Minor Ancillary Facility (CH656.6 Ballast) occurs on land that occurs within the Project's Submission Preferred Infrastructure Report (SPIR) Construction Impact Zone and the CIZ – Construction WIP (20210909). Refer to Appendix A for the location.
Compliance with the Interim Construction Noise Guideline (CoA A21(b)(i)	Y	One sensitive (residential) receiver was identified within 1km of the proposed MAF (CH656.6 Ballast) site. NNS_Rx0885 is 917.09 m north-east
		The TfNSW Noise Estimator Tool was used to predict the anticipated noise impact associated with the establishment of the proposed MAF (CH656.6 Ballast). One (1) noise scenario was run representing worse possible case scenario (i.e. the most noise intensive activity – MAF Operation) NOTE: The noise assessment assumes all plant / equipment will be operating simultaneously and operating at the nearest boundary to the landholder. The scenario being:
		Scenario 1: MAF Site operation (i.e. Truck >20tonne, front end loader).
		The extracts from the noise model are provided in Appendix C.
		The findings of the noise assessment can be summarised by the following:
		- Sensitive receivers are located at the following locations:
		<ul> <li>NNS_Rx0885, located 917.09m north-east of the proposed MAF. This sensitive receiver is expected to experience noise impacts of 32dB which is below the daytime NML for the Project. Refer to Appendix C.</li> </ul>
		- The Noise Assessment identified that sensitive receivers, with line of sight, greater than 520m away will generally not be impacted (>NML (Daytime)) by bulk earthworks.

### Table 2: Minor Ancillary Facility - Criteria

Criteria	Compliant (Y) Yes (N) No	Comments
		The noise assessment also identified that no sensitive receivers will be highly noise impacted (>75dB) by the works.
		Prior to site establishment works commencing, all potentially impacted landholder/s will be consulted regarding potential noise impacts associated with the establishment and operation of MAF (CH656.6 Ballast).
At least 50m from watercourses and outside the 5% AEP flood zone (CoA A21(b)(ii))	Y	The proposed MAF (CH656.6 Ballast) is not located within 50 m of any waterways or drainage lines.
		The proposed MAF (CH656.6 Ballast) site lies outside the area impacted by the existing 5% AEP local (blue highlighted in Appendix A).
Not within areas identified as threatened	Y	Approximately <20,000m <sup>2</sup> (~100%) of the proposed MAF (CH656.6 Ballast) site is mapped as:
communities or species habitats beyond those already approved under the terms of the project approval (CoA A21(b)(iii)		<ul> <li>Zone - 4 - PCT-52 BVT-BR191, NA187-Queensland Bluegrass</li> <li>+/- Mitchell Grass grassland on cracking clay floodplains and alluvial plains mainly the northern-eastern Darling Riverine Plains Bioregion-Native Grassland</li> </ul>
		All vegetation within the SPIR CIZ has been accounted for within the clearing limits detailed in CoA Table E1 and will be offset in accordance with ARTC's Biodiversity Offset Strategy.
No significant impacts to utilities, primarily gas and electricity	Y	The establishment and operation of MAF (CH656.6 Ballast) will not result in significant impacts to existing gas, electrical, water or communications utilities.
Not on or near sites with known Aboriginal or non- Aboriginal heritage (CoA A21(b)(iii)	Y	No areas or items of Aboriginal or non-Aboriginal significance have been identified within the area impacted by the proposed MAF (CH656.6 Ballast) site.
		The Aboriginal Cultural Heritage Management Plan, Narrabri to North Star – Separable Portion 1 (N2NS SP1), dated 18th December 2020 has been reviewed and there are no areas or items that require further salvage or survey.
Safe access to the road network and rail corridor and low impacts on traffic and access (CoA A21(b)(i)	Y	Access to Minor Ancillary Facility (CH656.6 Ballast) will be provided north of the MAF via Tapscott Road off the Newell Highway at LX558.
Relatively flat land	Y	Minor Ancillary Facility (CH656.6 Ballast) is located on relatively flat land with <1m fall across the site.
Low environmental impact with respect to waste management and flooding (CoA A21(b)(ii)	Y	The establishment and operation of the proposed MAF (CH656.6 Ballast) will generate minor waste volumes. These waste streams will generally consist of the following:
		<ul> <li>Wastewater</li> <li>Wastepaper / cardboard</li> <li>Rubbish and debris</li> <li>Food waste</li> </ul>

Criteria	Compliant (Y) Yes (N) No	Comments
		The volumes of waste generated will be reduced and reuse will be maximised by implementing the mitigation measures detailed in Section 2 below. Flooding risk has been addressed above.
No impacts on biodiversity, soil and water, and heritage items beyond those already approved under SSI 7474 approval (CoA A21(b)(iii)	Y	The environmental impacts associated with the establishment and operation of Minor Ancillary Facility (CH656.6 Ballast) are considered minor and consistent with those impacts approved under SSI 7474.
Boundary screening around all facilities adjacent to and visible from sensitive receivers for the duration of use of the ancillary facility unless otherwise agreed with the relevant council and affected residents, business operators or landowners (COA A22)	Y	Minor Ancillary Facility (CH656.6 Ballast) will be assessed for visual impact from any surrounding sensitive receivers. Screening will be applied where the MAF site represents a moderate to high visual impact. Anti-gawking screens will be applied where required by a TfNSW Approval.

A locational map, environmental constraints and co-ordinates have been provided in Appendix A and B.

# 2. Mitigation Measures

Based on the site details and environmental constraints identified in Table 1 and Table 2 above, the key environmental risks associated with the establishment and operation of the Minor Ancillary Facility (CH656.6 Ballast) include:

- Dust and associated impacts to air quality resulting from access and use; and \_
- Noise impacts to surrounding sensitive receivers.

With the implementation of the mitigation measures detailed in Table 3 below, these impacts are considered to be minor and consistent with those impacts assessed and approved under CSSI 7474.

Table 3: Minor Ancillary Facility – Mitigation Measures

N	Measure/Requirement	Responsibility	Timing/ frequency
b	<ul> <li>Site inductions will include the following specific components for biodiversity, noise, dust, surface water, erosion &amp; sediment control management: <ul> <li>Awareness of General Environmental Duty and Duty to Notify, (legislative obligations)</li> <li>The requirement for erosion and sediment control devices to be implemented and maintained in accordance with the Erosion &amp; Sediment Control Plan</li> <li>Waste Management</li> <li>The mapped, native vegetation occurring within and adjacent the site and the significance of the TEC.</li> <li>The No-Go Zones for the MAF, incl. the significance of this control and the environmental constraints it's protecting i.e. mapped TEC, threatened species, etc.</li> <li>Hours of operation.</li> <li>General noise related mitigation measures.</li> </ul> </li> </ul>	Environmental Manager	Pre- construction

	Measure/Requirement	Responsibility	Timing/ frequency
2)	Progressive Erosion and Sediment Control Plans (PESCPs) will be developed by Trans4m Rail Environmental Coordinators and reviewed by a CPESC throughout the site establishment phase.	Environmental Manager	Pre- construction
3)	Controls must be in place to prevent tracking dirt and mud onto roads.	Construction Supervisor	Construction
4)	Spoil, mud or the like spilt onto sealed roads to be removed within 24hrs or before end of shift (5pm AEDT if Newell HWY is affected) through use of a street sweeper or other means. Controls to minimise mud-tracking onto public roads will generally include rumble grids (i.e. similar to Pad 2), stabilised site access (i.e. rock, gravels, etc) or sheeting of the MAF with clean rock material (i.e. similar to Pad 4).	Construction Supervisor	Construction
5)	Mobile plant and vehicles, including deliveries must use designated travel routes, site access routes, site access tracks and lay down areas.	Construction Supervisor	Construction
6)	Any activities requiring the discharge of construction water off site will be undertaken in accordance with the PESCP.	All personnel / Environmental Manager	Construction
7)	Slashing limits (incl. vegetation to be retained) must be clearly identified and physically demarcated on-site. Slashing, clearing or other ground disturbance activities must not occur outside these areas unless otherwise approved in writing by the Environment Manager, or suitable delegate.	Construction Supervisor	Construction
8)	Groundcover to be re-established as soon as practicable to prevent erosion during construction.	Construction Supervisor	Construction
9)	In the event that an area or item of heritage significance, threatened species, contaminated material or asbestos containing materials (ACM) are discovered or suspected on-site, then all works affecting the find must cease immediately, the area secured and relevant Trans4m Rail's Unexpected Finds Procedure / Protocol will be implemented. Trans4m Rail's Environmental Manager (or delegate), ARTC and the Project Environmental Representative must be immediately notified of any unexpected finds. Other stakeholders (e.g. NSW EPA, OEH, DPIE, WaterNSW, Council, local landholders, etc) may also be notified depending on the nature and scale of the unexpected find.	All personnel / Construction Supervisor	Construction
10)	Any spills or leaks of chemicals, fuels, oils, effluent or any other hazardous substance that occurs during site establishment must be managed and reported in accordance with Trans4m Rail's Environmental Incident Response and Reporting Procedure.	All personnel / Construction Supervisor	Construction
11)	Refuelling activities must always be closely supervised. Plant and equipment being refuelled must not be left unattended for any period of time.	All personnel / Construction Supervisor	Construction
12)	The land on which ancillary facilities, laydowns areas, access tracks and all other temporary works are located shall be rehabilitated to at least their pre-construction condition or better, unless otherwise agreed by the landowner.	Construction Supervisor	Construction
13)	Weather forecast will be reviewed daily (via http://www.bom.gov.au/) and additional measures implemented where unfavourable weather conditions (i.e. hot, dry weather, high wind speed (>10m/s)) are anticipated. Measures to be implemented during unfavourable weather conditions may include a reduction of speed, a modified construction methodology, alternative plant and equipment, altering the scheduled works or	Environmental Manager / Construction Supervisor	Construction

	Measure/Requirement	Responsibility	Timing/ frequency
	<ul> <li>program for the day, additional water carts or ceasing dust generating activities until conditions are more favourable.</li> <li>Dust will be monitored and managed in accordance with the mitigation measures detailed in Project's CSWMP.</li> <li>In addition to this, the following measures will be undertaken;</li> <li>-Where practical, the MAF carpark and trafficked areas will be sheeted with clean rock / gravel material.</li> <li>-Increased training and surveillance of dust by key Project personnel (i.e. Superintendents, Supervisors, Operators etc).</li> <li>-Stockpiling and material handling will be avoided in MAFs adjacent the Newell Hwy.</li> <li>-Long term stockpiles (&gt;1 month) will be compacted using an excavator bucket and soil binder applied (where practicable).</li> <li>-Where practicable, soil binder will be used on highly togeted.</li> </ul>		
	trafficked areas. - Material i.e. gravel, ballast, etc will be watered down prior to loading, handling and movement.		
14)	The following dust control measures will be utilised to suppress dust being generated from access roads, laydown areas, ancillary facilities and all other exposed surfaces; water application via watercarts and alternative means (i.e. sprinklers, hoses), sealing or stabilisation of highly trafficked areas, dust screens, application of geofabric or jute mat or the application of soil binding agents.	Construction Supervisor	Construction
	The frequency of use will be modified depending on the prevailing wind and weather conditions. <i>If dust impacts the Newell HWY at any stage, all works will cease until causation has been rectified.</i>		
15)	Exhaust systems of construction plant, vehicles and machinery will be maintained in accordance with manufacturer's specifications to ensure that emissions do not exceed EPA regulations. Periodic visual checks will be undertaken daily.	Construction Supervisor	Construction
16)	Waste will be segregated and collected on a regular basis to ensure odours associated with waste do not become an issue to surrounding sensitive receivers. All waste will be collected and disposed of at a licensed facility.	All personnel	Construction
17)	All works will be undertaken in accordance with the standard construction hours detailed in Condition of Approval E1.	Construction Supervisor	Construction
18)	Notification undertaken during construction would inform relevant stakeholders of the work locations and timing, and the potential for noise impacts.	Community Engagement Team	Construction
19)	Boundary screening will be erected if a site inspection determines that the MAF could significantly impact sensitive receivers. Anti-gawking screens will be applied where required by a TfNSW Approval.	Environment Manager / Construction Supervisor	Construction
20)	Within the proposed MAF (CH656.6 Ballast) site a total area of ~100% was identified as Zone 4- PCT 52 Queensland bluegrass/Mitchell grass NOTE: As these are within the SPIR CIZ these have been accounted for in the Project's Approval and if removal is required will be offset under the projects Biodiversity Offset Strategy.	Environmental Works team	Construction

### 3. Certification

This Minor Ancillary Facility Checklist provides a true and fair review of the proposed activity for the Inland Rail N2NS upgrade project.

Signed:

Name: Maggie Wilton

Position: Trans4m Rail Enviro & Sustainability Admin Assistant

Date: 11/04/2022

Signed:

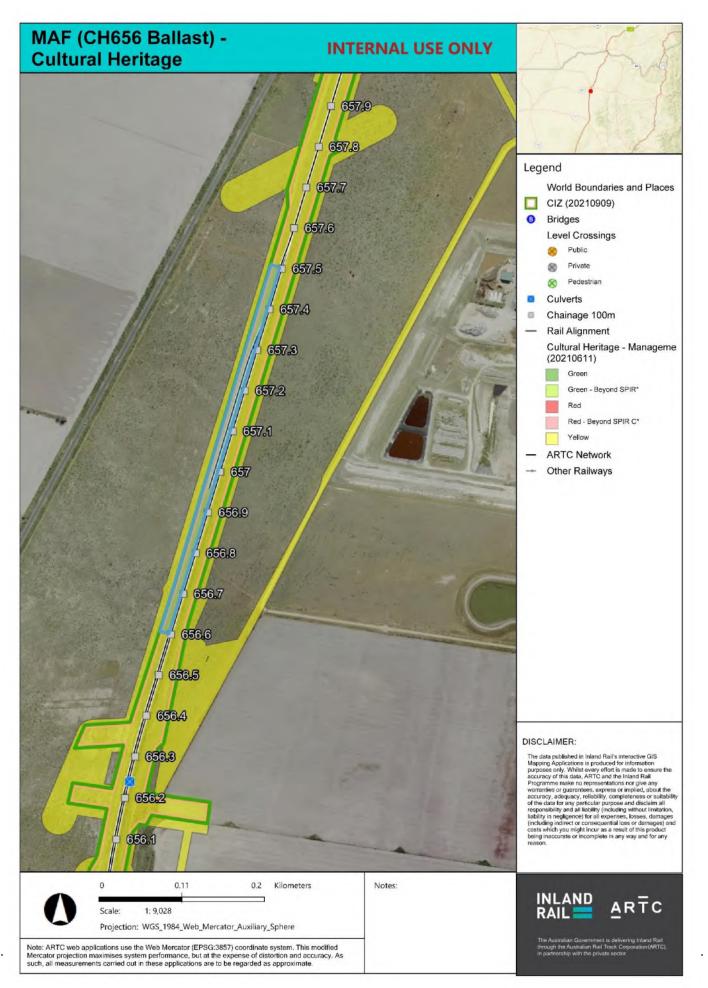
Name: Steve Fermio

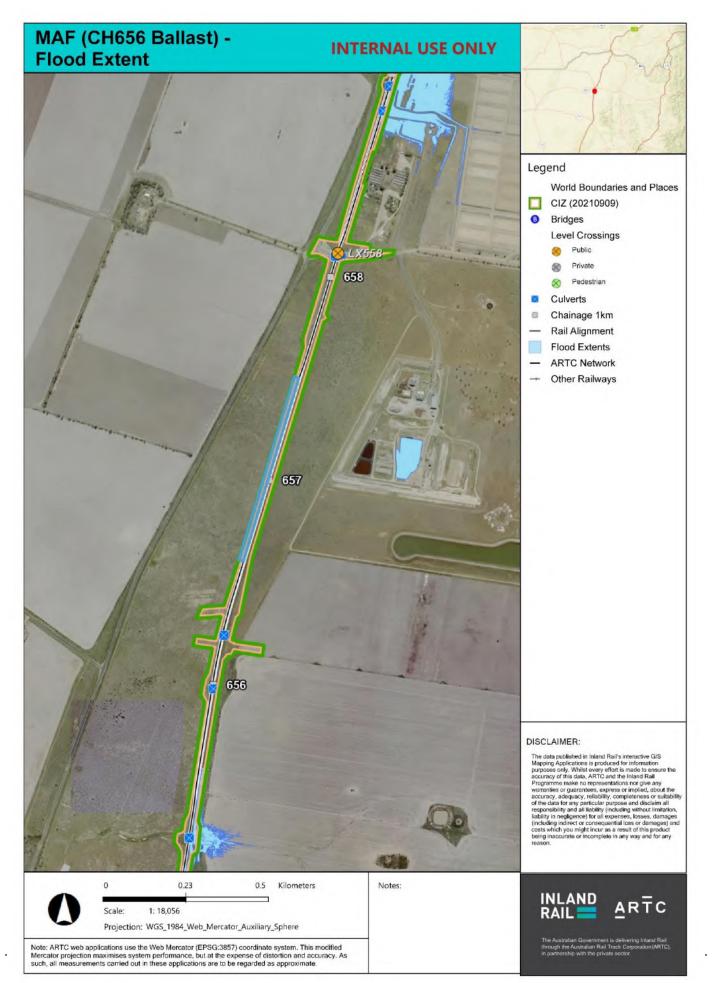
Position: Environmental Representative

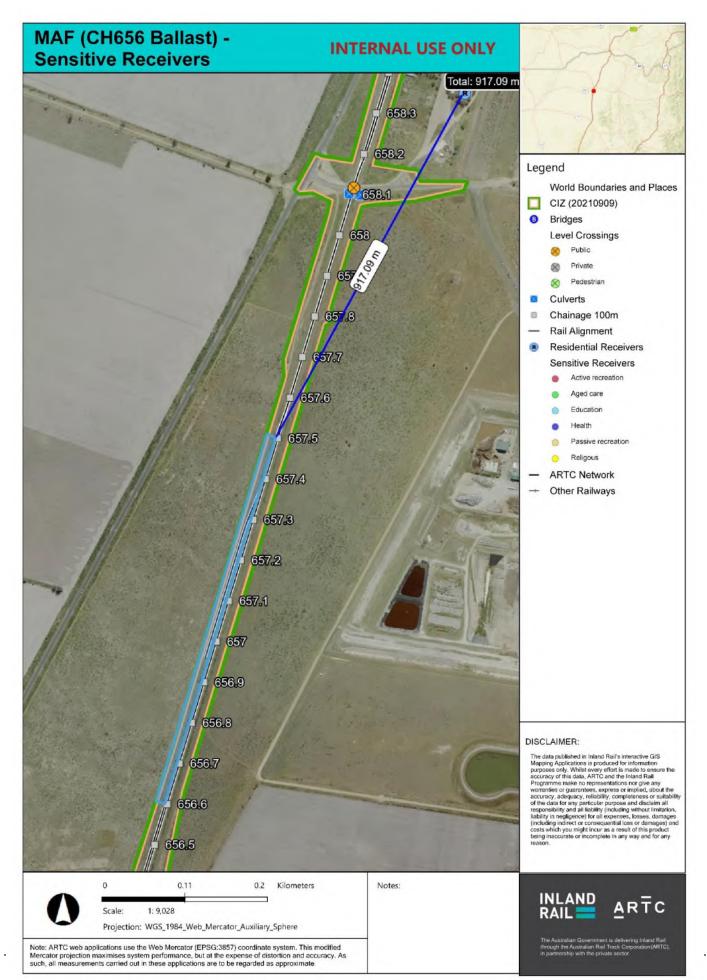
Date: 26/4/22

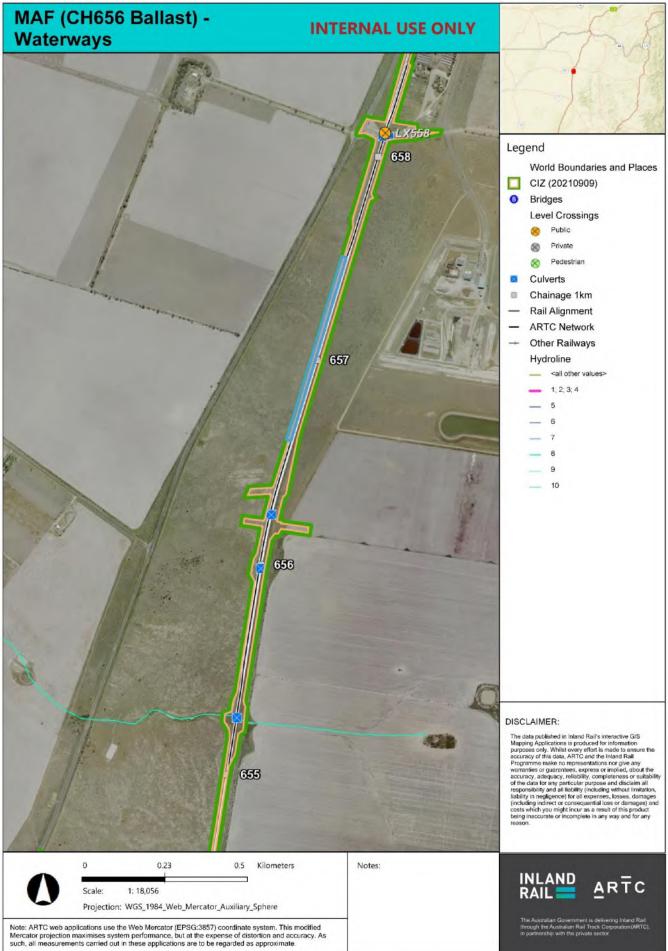
# Appendix A: Site Location (incl. Environmentally Sensitive Areas)











# **Appendix B: Site Location (Co-ordinates)**

1	Lat: 29.54539° S
-	Lon: 149.84249° E
2	Lat: 29.54547° S
-	Lon: 149.84269° E
3	Lat: 29.55319° S
•	Lon: 149.83976° E
4	Lat: 29.55323° S
•	Lon: 149.83996° E

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	_				Non-residential receivers	6			
		Residential receiver	Classroom at schools and other educational institutions	Hospital wards and operating theatres	Place of worship	Active	Passive recreation	Industrial premise	Offices, retail outlets
	Standard hours	40	55	66	85	65	8	75	
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when a series a series of the	OOHW Period 1	35		55	85	65	60	75	
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	OOHW Period 2								
	Standard Hours								
	Day (OOHW)								
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Additional mitigation measures									

**Appendix C: Noise Estimator** 

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# **Minor Ancillary Facility Checklist**

### 1. Criteria for Minor Ancillary Facilities

The Project's Conditions of Approval (CoA) allows for the establishment and operation of Minor Ancillary Facilities on the Narrabri to North Star (N2NS) Project. Condition A21 states:

CoA A21 Facilities including lunch sheds, office sheds, material lay down sites, stockpile areas, areas used to assemble infrastructure, and portable toilet facilities can be established and operated where they satisfy the following criteria:

- (a) are located within the construction boundary; and
- (b) have been assessed by the ER to have
  - *i.* low amenity impacts to surrounding residences and businesses, after consideration of matters such as compliance with the interim Construction Noise Guideline (DECC, 2009), traffic and access impacts, dust and odour impacts and visual (including light) impacts, and
  - ii. Low environmental impact with respect to waste management and flooding, and
  - iii. No impacts on biodiversity, soil and water and heritage items beyond those already approved under the other terms of this approval.

This Minor Ancillary Facility Checklist has been prepared to assess the proposed Minor Ancillary Facility against the requirements of CoA A21 and all other environmental requirements. Mitigation measures have also been provided to ensure that any environmental risks or impacts to the Community are suitably managed.

These facilities will be located in accordance with the criteria listed in Table 2 and submitted to the Project's Environmental Representative (ER) for approval prior to site works commencing.

Site Name:	Minor Ancillary Facility (Clump Road)
Location:	Chainage 603.000 (Bellata, NSW)
Chainage:	CH602.500 – CH603.000
Program*:	Construction: April 2022 Occupation: April 2022 – December 2022
Land Use:	RU1 – Primary Production (Source: Narrabri Shire Council LEP)
Footprint / Size:	<9,000m <sup>2</sup>
Use:	<ul> <li>Minor Ancillary Facility (Clump Road) will be utilised for the following purposes:</li> <li>Trailer based (mobile) site office, port-o-loo, and generator.</li> <li>Carparking for site personnel.</li> <li>General storage and laydown of construction equipment.</li> <li>Top and bottom ballast stockpile/s.</li> </ul>
Site Surroundings:	<ul> <li>Minor Ancillary Facility (Clump Road) is surrounded by:</li> <li>North: LX545, Rail line, and sparsely vegetated land.</li> <li>East: Newell Highway, and Agricultural (cropping) land.</li> <li>South: Rail Line, ephemeral waterway, and agricultural (cropping) land.</li> <li>West: Rail Line, sparsely vegetated land, and agricultural (cropping) land.</li> <li>Access to Minor Ancillary Facility (Clump Road) will be provided via The Clump Road off the Newell Highway at access gate 10, LX545.</li> </ul>

Table 1: Minor Ancillary Facility – Site Description

	Entry/Exit will be operated as per Vehicle Movement Plan in Appendix D, facilitated under TfNSW Road Occupancy Licence, detailed in Appendix E.
Site Establishment Process:	<ul> <li>The below sets out the scope of works for the proposed Minor Ancillary Facility:</li> <li>The proposed footprint of the MAF will be demarcated in the field using hi-visibility flagging (or other approved method) and "No-Go Zone" signage.</li> <li>Topsoil will be stripped and utilised for erosion and sediment controls. The topsoil stockpiled / windrowed will be hand seeded.</li> <li>During topsoil stripping in the Five-clawed Worm-skink habitat, fauna spotter-catchers will be present, further mitigation methods are addressed below and in the BMP.</li> <li>Establishment of the site's erosion and sediment controls will be progressively installed in accordance with the site's Progressive Erosion and Sediment Control Plan.</li> <li>Mobilisation of site facilities: The trailer based (caravan-style) site office, port-o-loo and generator will be mobilised to site.</li> <li>The site compound will be assessed in the field for visual impact to neighbouring sensitive receivers. If the visual impact is deemed moderate or high, ATF style fencing or alternative screening will be installed.</li> <li>Unless specified in a TfNSW approval, anti-gawking screens will not be applied adjacent this MAF location</li> </ul>
*NOTE: Subject to weather and	unexpected site conditions

\*NOTE: Subject to weather and unexpected site conditions

### Table 2: Minor Ancillary Facility - Criteria

Criteria	Compliant (Y) Yes (N) No	Comments
Located within the construction boundary as defined by the approval (CoA A21(a)).	Y	Minor Ancillary Facility (CH596.6- MOREE RD BALLAST) occurs on land that occurs within the Project's Submission Preferred Infrastructure Report (SPIR) Construction Impact Zone and the CIZ – Construction WIP (20210909). Refer to Appendix A for the location.
Compliance with the Interim Construction Noise Guideline (CoA A21(b)(i)	Y	No sensitive (residential) receivers were identified within 1km of the proposed MAF (Clump Road) site. Prior to site establishment works commencing, all potentially impacted landholder/s will be consulted regarding potential noise impacts associated with the establishment and operation of MAF (Clump Road).
At least 50m from watercourses and outside the 5% AEP flood zone (CoA A21(b)(ii))	Y	The proposed MAF (Clump Road) is located approximately 64m North of an unnamed ephemeral creek, 920m South of Bulldog Creek, approximately 575m West of a private storage dam, and approximately 900m West of a private storage dam. Approximately 5,700m (~63%) of the Southern end (CH602.550 – CH602.85) of the proposed MAF (Clump Road) site is located inside the area impacted by the existing 5% AEP flood zone (Blue highlighted in Appendix A). All general storage, construction equipment, and site caravan will be stored outside the impacted zone in the northern end of the MAF site. Only Ballast will be stored in the flood impacted zone, and in the event of a BOM flood warning, all ballast will be removed.
Not within areas identified as threatened communities or species habitats beyond those already approved	Y	Approximately 4,900m (~55%) of the proposed MAF (Clump Road) site is mapped as:

#### Minor Ancillary Facility Checklist - (Clump Road)

Criteria	Compliant (Y) Yes (N) No	Comments
under the terms of the project approval (CoA A21(b)(iii)		<ul> <li>Zone - 6 - PCT-56 BVT-BR186, NA182-Poplar Box - Belah woodland on clay-loam soils on alluvial plains of north-central NSW-Derived Native Grasslands</li> </ul>
		And approximately 4,100m (~%45) of the proposed MAF (Clump Road) site is mapped as:
		- Zone 0 - Cleared/Non-native Vegetation
		No mapped native vegetation (PCTs), Threatened Ecological Communities (NSW BC Act OR Cwth EPBC Act) or Threatened Flora will be directly impacted by the establishment and operation of the MAF.
No significant impacts to utilities, primarily gas and electricity	Y	The establishment and operation of MAF (Clump Road) will not result in significant impacts to existing gas, electrical, water or communications utilities.
Not on or near sites with known Aboriginal or non- Aboriginal heritage (CoA	Y	No areas or items of Aboriginal or non-Aboriginal significance have been identified within the area impacted by the proposed MAF (Clump Road) site.
A21(b)(iii)		The Aboriginal Cultural Heritage Management Plan, Narrabri to North Star – Separable Portion 1 (N2NS SP1), dated 18th December 2020 has been reviewed and there are no areas or items that require further salvage or survey.
Safe access to the road network and rail corridor and low impacts on traffic and access (CoA A21(b)(i)	Y	Safe access to MAF (Clump Road) site will be provided via existing access track (The Clump Road) off the Newell Highway at approx. CH603. A transport for NSW (TfNSW) approved Road Occupancy Licence (ROL) is in place for the use of this access point from the Newell Highway (CH603). This ROL will be maintained whilst this access point is being utilised for the project. See appendix E.
		The Stage 1 Construction Traffic Management Sub Plan (TMP) has been prepared and approved by TfNSW. The TMP includes the upgrade of 10 Major and 18 Minor Construction Gates within Stage 1 in accordance with a TfNSW approved RoadNet Design. These construction gates will be used to access the MAFs within Stage 1.
Relatively flat land	Y	Minor Ancillary Facility (Clump Road) is located on relatively flat land with <1m fall across the site.
Low environmental impact with respect to waste management and flooding	Y	The establishment and operation of the proposed MAF (Clump Road) will generate minor waste volumes. These waste streams will generally consist of the following:
(CoA A21(b)(ii)		<ul> <li>Wastewater</li> <li>Wastepaper / cardboard</li> <li>Rubbish and debris</li> <li>Food waste</li> </ul>
		The volumes of waste generated will be reduced and reuse will be maximised by implementing the mitigation measures detailed in Section 2 below.
		Flooding risk has been addressed above.
No impacts on biodiversity, soil and water, and heritage items beyond those already	Y	The environmental impacts associated with the establishment and operation of Minor Ancillary Facility (Clump Road) are considered minor and consistent with those impacts approved under SSI 7474.

Criteria	Compliant (Y) Yes (N) No	Comments
approved under SSI 7474 approval (CoA A21(b)(iii)		
Boundary screening around all facilities adjacent to and visible from sensitive receivers for the duration of use of the ancillary facility unless otherwise agreed with the relevant council and affected residents, business operators or landowners (COA A22)	Y	Minor Ancillary Facility (Clump Road) has been assessed for visual impact from any surrounding sensitive receivers, including risk assessment by TfNSW. Boundary screen is not required at this MAF location. Anti-gawking screens will be applied were required by a TfNSW Approval.

A locational map, environmental constraints and co-ordinates have been provided in Appendix A and B.

# 2. Mitigation Measures

Based on the site details and environmental constraints identified in Table 1 and Table 2 above, the key environmental risks associated with the establishment and operation of the Minor Ancillary Facility (Clump Road) include:

- Mud tracking onto public roads associated with access and use of the MAF; and
- Dust and associated impacts to air quality resulting from access and use.

With the implementation of the mitigation measures detailed in Table 3 below, these impacts are considered to be minor and consistent with those impacts assessed and approved under CSSI 7474.

### Table 3: Minor Ancillary Facility – Mitigation Measures

	Measure/Requirement	Responsibility	Timing/ frequency
1)	<ul> <li>The Project induction will include the following specific components for biodiversity, noise, dust, surface water, erosion &amp; sediment control management: <ul> <li>Awareness of General Environmental Duty and Duty to Notify, (legislative obligations)</li> <li>The requirement for erosion and sediment control devices to be implemented and maintained in accordance with the Erosion &amp; Sediment Control Plan</li> <li>Waste Management</li> <li>The purpose of the No-Go Zones, incl. the significance of this control and the environmental constraints it's protecting i.e. mapped TEC, heritage, threatened species, etc.</li> <li>Hours of operation.</li> </ul> </li> </ul>	Environmental Manager	Pre- construction
2)	Progressive Erosion and Sediment Control Plans (PESCPs) will be developed by Trans4m Rail's CPESC and implemented prior to and during site establishment.	Environmental Manager	Pre- construction
3)	Controls must be in place to prevent tracking dirt and mud onto roads.	Construction Supervisor	Construction
4)	Spoil, mud or the like spilt onto sealed roads to be removed within 24hrs or before end of shift (5pm AEDT if Newell HWY is affected) through use of a street sweeper or other means.	Construction Supervisor	Construction

	Measure/Requirement	Responsibility	Timing/ frequency
	Controls to minimise mud-tracking onto public roads will generally include rumble grids (i.e. similar to Pad 2), stabilised site access (i.e. rock, gravels, etc) or sheeting of the MAF with clean rock material (i.e. similar to Pad 4).		
5)	Mobile plant and vehicles, including deliveries must use designated travel routes, site access routes, site access tracks and lay down areas.	Construction Supervisor	Construction
6)	Any activities requiring the discharge of construction water off site will be undertaken in accordance with the PESCP and the CSWMP.	All personnel / Environmental Manager	Construction
7)	Slashing limits (incl. vegetation to be retained) must be clearly identified and physically demarcated on-site. Slashing, clearing or other ground disturbance activities must not occur outside these areas unless otherwise approved in writing by the Environment Manager, or suitable delegate.	Construction Supervisor	Construction
8)	Groundcover to be re-established as soon as practicable to prevent erosion during construction.	Construction Supervisor	Construction
9)	In the event that an area or item of heritage significance, threatened species, contaminated material or asbestos containing materials (ACM) are discovered or suspected on-site, then all works affecting the find must cease immediately, the area secured and relevant Trans4m Rail's Unexpected Finds Procedure / Protocol will be implemented. Trans4m Rail's Environmental Manager (or delegate), ARTC and	All personnel / Construction Supervisor	Construction
	the Project Environmental Representative must be immediately notified of any unexpected finds. Other stakeholders (e.g. NSW EPA, OEH, DPIE, WaterNSW, Council, local landholders, etc) may also be notified depending on the nature and scale of the unexpected find.		
10)	Any spills or leaks of chemicals, fuels, oils, effluent or any other hazardous substance that occurs during site establishment must be managed and reported in accordance with Trans4m Rail's Environmental Incident Response and Reporting Procedure.	All personnel / Construction Supervisor	Construction
11)	Refuelling activities must always be closely supervised. Plant and equipment being refuelled must not be within 50m of a waterway and must not be left unattended for any period of time.	All personnel / Construction Supervisor	Construction
12)	The land on which ancillary facilities, laydowns areas, access tracks and all other temporary works are located shall be rehabilitated to at least their pre-construction condition or better, unless otherwise agreed by the landowner.	Construction Supervisor	Construction
13)	Weather forecast will be reviewed daily (via http://www.bom.gov.au/) and additional measures implemented where unfavourable weather conditions (i.e. hot, dry weather, high wind speed (>10m/s)) are anticipated. Measures to be implemented during unfavourable weather conditions may include a reduction of speed, a modified construction methodology, alternative plant and equipment, altering the scheduled works or program for the day, additional water carts or ceasing dust generating activities until conditions are more favourable. Dust will be monitored and managed in accordance with the mitigation measures detailed in Project's CSWMP. In addition to this, the following measures will be undertaken; -Where practical, the MAF carpark and trafficked areas will be sheeted with clean rock / gravel material.	Environmental Manager / Construction Supervisor	Construction

	Measure/Requirement	Responsibility	Timing/ frequency
	<ul> <li>-Increased training and surveillance of dust by key Project personnel (i.e. Superintendents, Supervisors, Operators etc).</li> <li>-Stockpiling and material handling will be avoided in MAFs adjacent the Newell Hwy.</li> <li>-Long term stockpiles (&gt;1 month) will be compacted using an excavator bucket and soil binder applied (where practicable).</li> <li>-Where practicable, soil binder will be used on highly trafficked areas.</li> <li>-Material i.e. gravel, ballast, etc will be watered down prior to loading, handling and movement.</li> </ul>		
14)	The following dust control measures will be utilised to suppress dust being generated from access roads, laydown areas, ancillary facilities and all other exposed surfaces; water application via watercarts and alternative means (i.e. sprinklers, hoses), sealing or stabilisation of highly trafficked areas, dust screens, application of geofabric or jute mat or the application of soil binding agents. The frequency of use will be modified depending on the prevailing wind and weather conditions. <i>If dust impacts the Newell HWY at any stage, all works will cease until causation has been rectified.</i>	Construction Supervisor	Construction
15)	Exhaust systems of construction plant, vehicles and machinery will be maintained in accordance with manufacturer's specifications to ensure that emissions do not exceed EPA regulations. Periodic visual checks will be undertaken daily.	Construction Supervisor	Construction
16)	Waste will be segregated and collected on a regular basis to ensure odours associated with waste do not become an issue to surrounding sensitive receivers. All waste will be collected and disposed of at a licensed facility.	All personnel	Construction
17)	All works will be undertaken in accordance with the standard construction hours detailed in Condition of Approval E1.	Construction Supervisor	Construction
18)	Notification undertaken prior to and during construction would inform relevant stakeholders of the work locations and timing, and the potential for noise impacts.	Community Engagement Team	Construction
19)	Boundary screening will be erected if a site inspection determines that the MAF could significantly impact sensitive receivers.	Environment Manager / Construction Supervisor	Construction

### 3. Certification

This Minor Ancillary Facility Checklist provides a true and fair review of the proposed activity for the Inland Rail N2NS upgrade project.

Signed:

M

Name: Maggie Wilton

Position: Environment & Sustainability Admin Assistant

Date: 03/04/2022

Signed:

Name: Steve Fermio

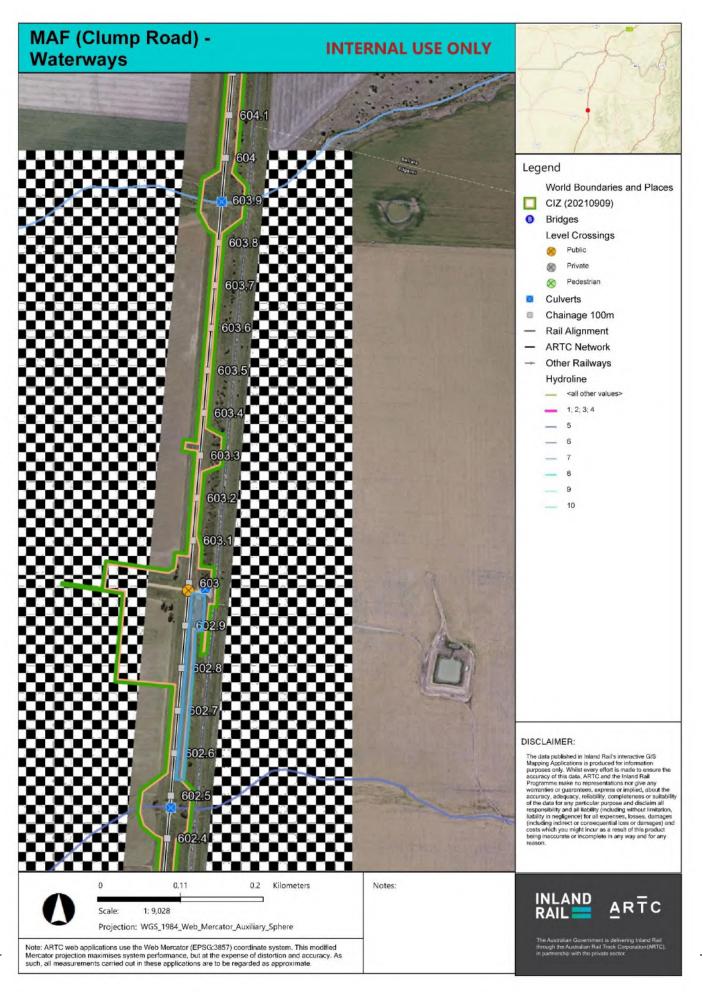
Position: Environmental Representative

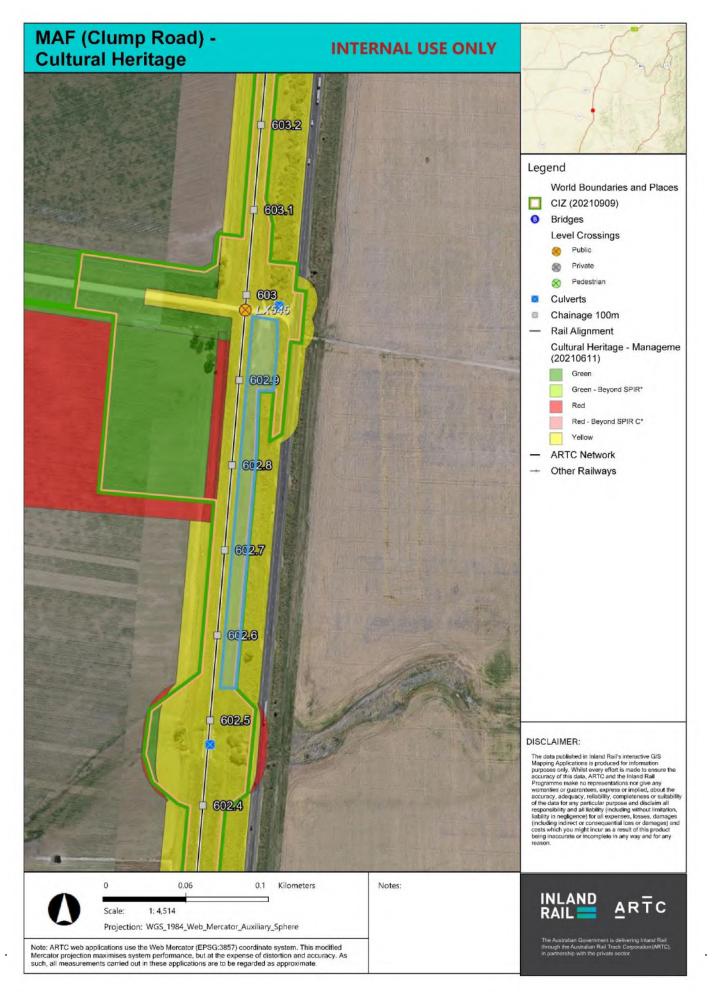
Date: 11 / 4 /2021

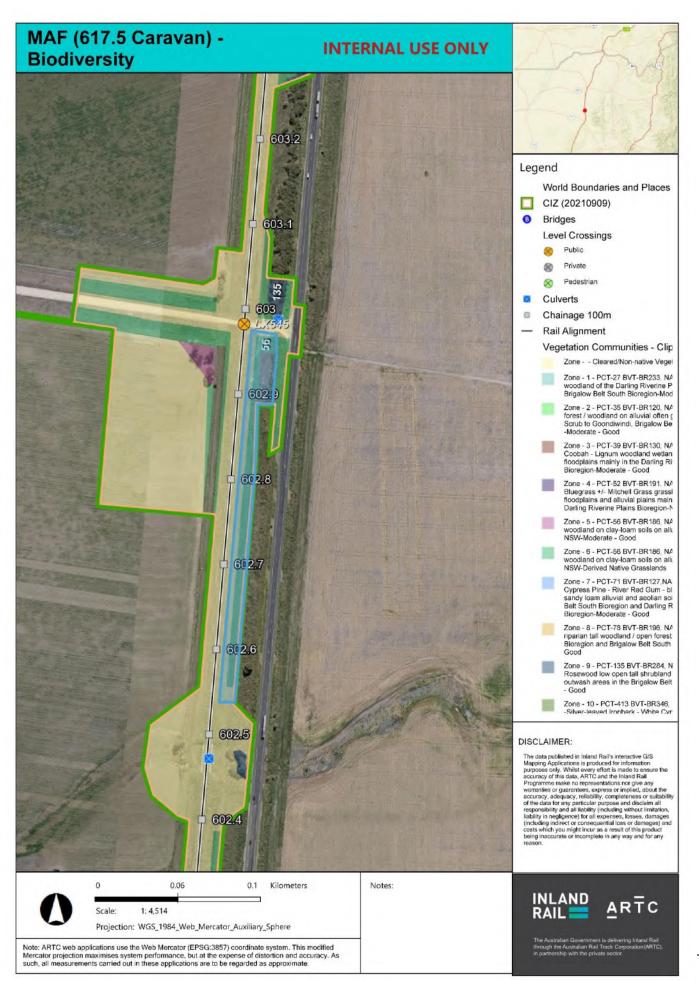
Note: This MAF approval does not constitute in any way an authorisation of the traffic control and entry / exit arrangements for light and heavy vehicles at this site. These are subject to separate approval by, and the requirements of, TfNSW (or Local Council) through the relevant Road Occupancy Licence/s, Speed Zone Authorisation/s, Traffic Management Plan or any other TfNSW or Local Council regulatory requirements.

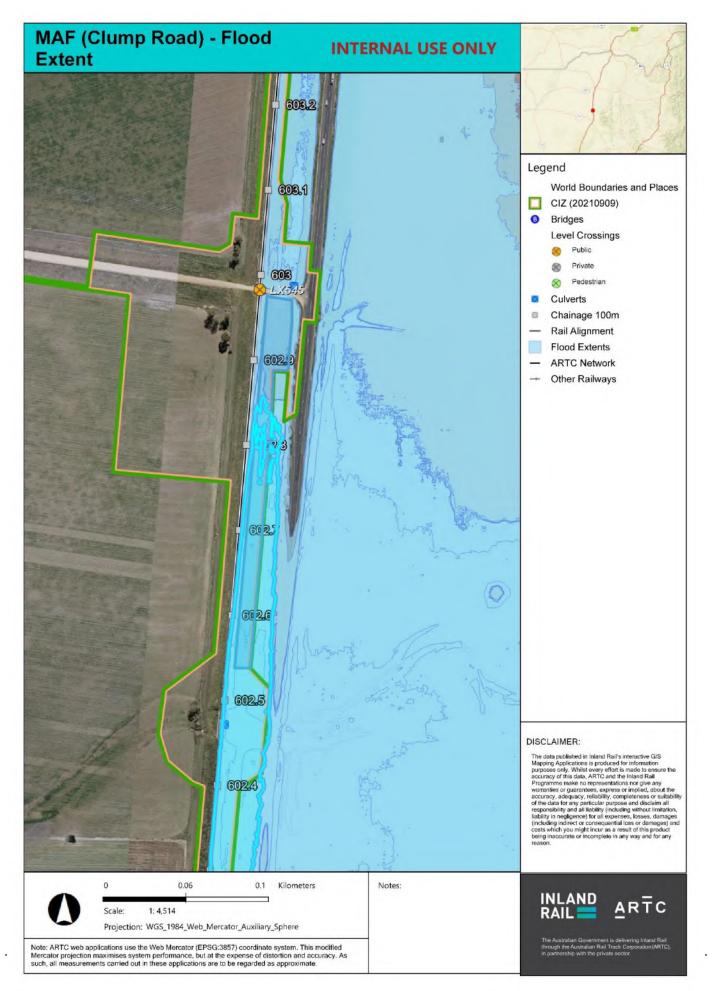
# Appendix A: Site Location (incl. Environmentally Sensitive Areas)











# Appendix B: Site Location (Co-ordinates)

<b>Co-ordinates</b>							
1	Lat: 30.03137° S Lon: 149.78964 ° E						
2	Lat: 30.03141° S Lon: 149.78994° E						
3	Lat: 30.03530° S Lon: 149.78943° E						
4	Lat: 30.03530° S Lon: 149.78924° E						

# Appendix D: Vehicle Movement Plan (VMP)

# 

#### **Plan Principles**

#### Requirements working in and around Mobile Plant:

- The work area is designed to eliminate the need for workers, light vehicles or other mobile plant to enter any Plant Operating Zone (POZ).
- Fencing to be positioned to stop mobile plant from accidently moving into an area where there are people.
- Pedestrian barriers to prevent people entering the POZ
- Mobile plant temporarily halted prior to a worker entering the POZ.

#### VMP Details

#### Emergency Contacts:

Greg Hopkins – Gen. Super. – 0428 051 699 Adam Boston – Safety Manager – 0436 844 608

#### Emergency Response Team:

Greg Hopkins – ER Warden – 0428 051 699 Dave Rumble – Com Officer – 0427 291 859 First Aid Aider:

Robert White - EW Super. - 0447 679 053

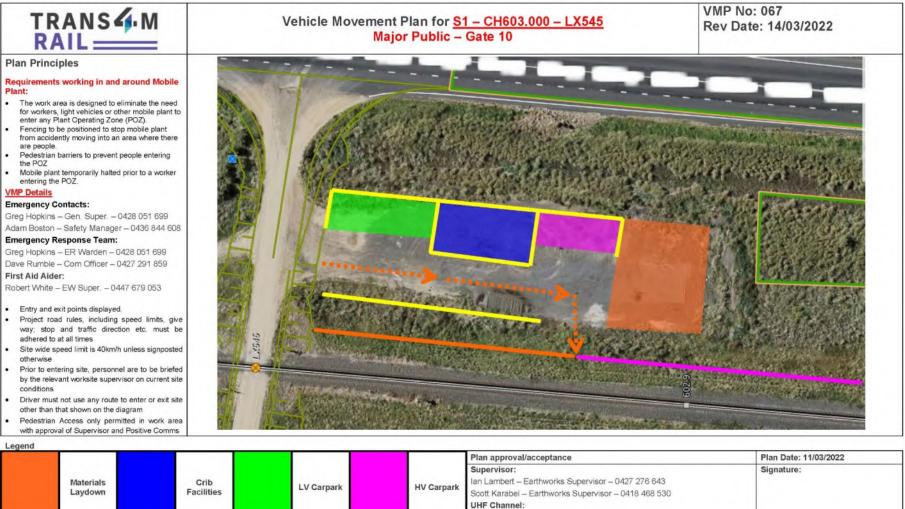
- Entry and exit points displayed.
- Project road rules, including speed limits, give way; stop and traffic direction etc. must be adhered to at all times
- Site wide speed limit is 40km/h unless signposted otherwise
- Prior to entering site, personnel are to be briefed by the relevant worksite supervisor on current site conditions
- Driver must not use any route to enter or exit site other than that shown on the diagram
- Pedestrian Access only permitted in work area with approval of Supervisor and Positive Comms

Vehicle Movement Plan for <u>S1 – CH603.000 – LX545</u> Major Public – Gate 10	VMP No: 067 Rev Date: 14/03/2022	

					Plan approval/acceptance	Plan Date: 11/03/2022
Public Access		Alignment Access	Main Alignment Works Zone	General Laydown (See below)	Supervisor: Ian Lambert – Earthworks Supervisor – 0427 276 643 Scott Karabel – Earthworks Supervisor – 0418 468 530 UHF Channel:	Signature:
All Traffic IN	1	All Traffic OUT			<ul> <li>VMP must be briefed to all members of the work group at the Prestart</li> <li>Changing conditions (e.g., new, or extra work group, new work area) n</li> <li>VMP is Mandatory to all works areas and must be approved prior to w</li> <li>Ensure vehicles do not obstruct highway or level crossing when transi</li> <li>Pedestrian Access will be finalised on site.</li> </ul>	nust be captured, plan amended, and changes agree orks commencing.

Inland Rail – Narrabri to North Star SP1

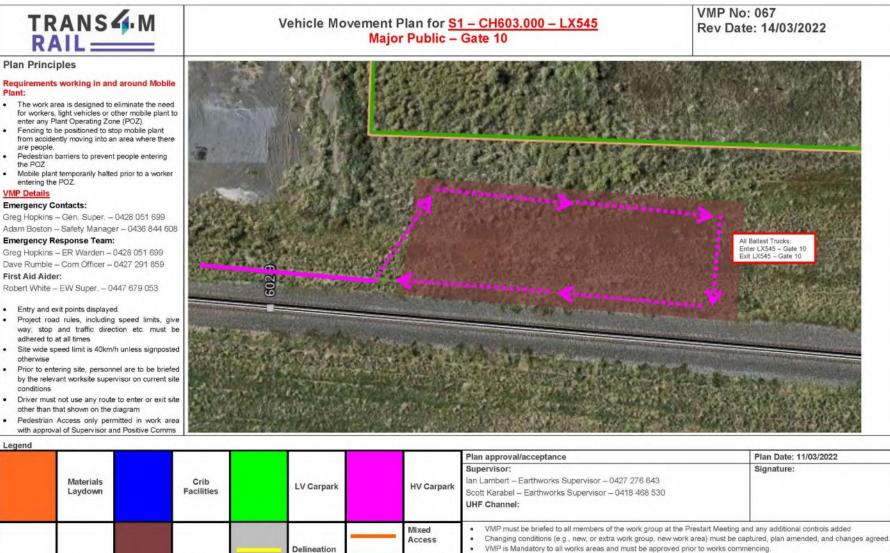
Minor Ancillary Facility Checklist – (Clump Road)



	Laydown	Facilities	LV Galpark		Scott Karabel – Earthworks Supervisor – 0418 468 530 UHF Channel:
	Lime Storage	Ballast	Delineation Pedestrian Access	Mixed Access LV Access HV Access Solid 2-Way Dash 1-Way	<ul> <li>VMP must be briefed to all members of the work group at the Prestart Meeting and any additional controls added</li> <li>Changing conditions (e.g., new, or extra work group, new work area) must be captured, plan amended, and changes agreed.</li> <li>VMP is Mandatory to all works areas and must be approved prior to works commencing.</li> <li>Ensure vehicles do not obstruct highway or level crossing when transiting to and from delivery site.</li> <li>Pedestrian Access will be finalised on site.</li> </ul>

Inland Rail – Narrabri to North Star SP1 Minor Ancillary Facility Checklist – (Clump Road)

**VMP No: 067** 



Solid 2-Way Dash 1-Way

- Ensure vehicles do not obstruct highway or level crossing when transiting to and from delivery site. .
- LV Access Pedestrian Access will be finalised on site. **HV Access**

Lime

Storage

Inland	Rail – Narrabri to North Star SP1	
Minor	Ancillary Facility Checklist – (Clump Road)	

Ballast

Pedestrian

Access

# Appendix E: Road Occupancy Licence (ROL)

#### ROAD OCCUPANCY LICENCE

#### LICENCE NO : 556329

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM



To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit. myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMEN Project: This Activity :	- NEW CONSTRUCTION     Not Applicable     In Land Rail. Narrabri to North Star. Newell     Highway Section from Narrabri to Gurley.     Work Description: Survey, Vegetation maintenance     Light Vehicle Movements, Minor Heavy Vehicle     Movements <20	LOCATIC Subject R From: To: Council:		KA		A RD, N A RD, G					
LICENSEE		ONSITE	CONT	ACT							
Organisation:	Trans4m Rail Joint Venture	Name:		Lu	ke McC	Goldrick					
Ref No:		Phone:		04	137778	563					
Name:	Luke McGoldrick										
Phone:	0413777563										
TRAFFIC MANA	GEMENT	LICENC	E DUR	ATIO	N						
Flow Management	Contra Flow; Standard Lane Merge; Mobile Works;	From:		21	-Mar-2	022					
	Portable Signals; Short Term / Intermittent Works;	To:		20-	-Apr-20	022					
	Stop / Slow Control										
Closure Type:	All lanes both directions										
Closure Lane(s):	Shoulder; Median Shoulder										
Direction(s):	All Directions										
LICENCE CON	DITIONS		APPR	OVE	D DAT	ES&T	IME	5			
	SE SHIFT ACTIVATION WEB ADDRESS				n Shift				То	Shift	
https://myrol.t APPROVED F CONTROL SI	ransport.nsw.gov.au TO ACTIVATE AND DEACTIVA ROAD OCCUPANCY LICENCE(S). (TO CHANGE TR GNALS TO FLASHING YELLOW OR TO ACTIVATE	TE YOUR AFFIC	From Mon	<b>D</b> 21	M Mar	<b>Time</b> 00:00	:	To Tue	<b>D</b> 22	M Mar	Time 00:00
	VARIABLE MESSAGE SIGNS DIAL 1800 679 782)		Tue	22	Mar	00:00	-	Wed	23	Mar	00:00
2 THIS LICENC	E IS NOT AN APPROVAL OF THE PROPONENT'S CHEMES (TGS). PLEASE NOTE WORKCOVER RE	RAFFIC	Wed	23	Mar	00:00	-	Thu	24	Mar	00:00
THAT TRAFF	IC GUIDANCE SCHEMES (TGS) COMPLY WITH AS	1742.3	Thu	24	Mar	00:00	-	Fri	25	Mar	00:00
3 ALL MATTER	S RELATING TO NOISE GENERATION OR OTHER	NOTION	Fri	25	Mar	00:00	-	Sat	26	Mar	00:00
OF THE LOC	NTAL FACTORS ON SITE ARE UNDER THE JURISI AL COUNCIL AND/OR THE ENVIRONMENTAL PRO	TECTION	Sat	26	Mar	00:00	-	Sun	27	Mar	00:00
AUTHORITY.			Sun	27	Mar	00:00		Mon	28	Mar	00:00
	PROPOSED WORKS INVOLVE UNDERBORING C		Mon	28	Mar	00:00	-	Tue	29	Mar	00:00
	I OF STATE ROAD ASSETS OR THE REMOVAL OF R, DETAILS OF WORKS MUST BE APPROVED BY T		Tue	29	Mar	00:00	-	Wed	30	Mar	
	ER SYDNEY REGION CONTACT: /roads@transport.nsw.gov.au. FOR REGIONAL & OU	TER	Wed	30	Mar	00:00	-	Thu	31	Mar	
METROPOLI	TAN. CONTACT: road.access@transport.nsw.gov.au.	I LIX	Thu	31	Mar	00:00	-	Fri	01	Apr	00:00
5 NOTIFICATIO	N TO AFFECTED BUSINESSES, RESIDENTS AND	OTHER	Fri	01	Apr	00:00		Sat	02	Apr	00:00
	ERS MUST BE UNDERTAKEN AT LEAST 5 BUSINE ORKS COMMENCING	SS DAYS	Sat	02 03	Apr	00:00	-	Sun	03 04	Apr	00:00
6 ADEQUATE A	ADVANCE WARNING MUST BE PROVIDED TO		Sun	03	Apr Apr	00:00	-	Mon Tue	04	Apr Apr	00:00
	NG MOTORISTS.		Tue	04	Apr	00:00	2	Wed	06	Apr	00:00
7 EFFECTIVE M	MONITORING OF END-OF-QUEUE CONDITION MU ED. IF QUEUING CONTRARY TO CONDITIONS OF	ST BE THIS	Wed	06	Apr	00:00	2	Thu	07	Apr	00:00
LICENCE OC	CURS, THEN THE ROAD MUST BE RE-OPENED AI		Thu	07	Apr	00:00	-	Fri	08	Apr	00:00
			Fri	08	Apr	00:00	-	Sat	09	Apr	00:00
MEASURES	THE 40SZA IS TO BE USED ONLY WHEN TRAFFIC CONTROL MEASURES HAVE BEEN IMPLEMENTED AND ROAD WORKS A		Sat	09	Apr	00:00	-	Sun	10	Apr	00:00
PROGRESS. LENGTH.	40KM/H ZONE SHOULD NOT EXCEED 500 METRE	SIN	Sun	10	Apr	00:00	-	Mon	11	Apr	00:00
	GES OF TRAFFIC RESULTING FROM ACTIVITIES	IN THIS	Mon	11	Apr	00:00	-	Tue	12	Apr	00:00
LICENCE MU	ST NOT EXCEED 5 MINUTES PER INSTANCE OR I	EXCEED	Tue	12	Apr	00:00	-	Wed	13	Apr	00:00
	IN LENGTH. ALL TRAFFIC QUEUES MUST BE CLE C RETURNED TO FREE FLOWING CONDITION BE		Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
STODDACES			Thu	14	Apr	00:00	-	Fri	15	Apr	00:00
STOPPAGES											

### ROAD OCCUPANCY LICENCE

#### LICENCE NO : 556329

ROADS & MARITIME SERVICES (RMS) Phone: Monday To Friday 8.30 AM - 4.30 PM



Transport Roads & Maritime Services

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit. myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMENT	- NEW CONSTRUCTION	LOCATI	ON								
Project:	Not Applicable	Subject F	load:	NE	WELL	HWY					
This Activity :	In Land Rail. Narrabri to North Star. Newell	From:		WEE WAA RD. NARRABRI							
	Highway Section from Narrabri to Gurley.	To:				A RD, G					
		Council:			RRAB						
	Work Description: Survey, Vegetation maintenance										
	Light Vehicle Movements, Minor Heavy Vehicle										
	Movements <20										
LICENSEE		ONSITE	CONT	ACT							
Organisation:	Trans4m Rail Joint Venture	Name:		Lu	ke McC	Soldrick					
Ref No:		Phone:		04	137775	563					
Name:	Luke McGoldrick										
Phone:	0413777563										
TRAFFIC MANAG	GEMENT	LICENC	E DUR	ATIO	N						
Flow Management	Contra Flow; Standard Lane Merge; Mobile Works;	From:		21-	Mar-2	022					
	Portable Signals; Short Term / Intermittent Works;	To:		20-	Apr-20	022					
	Stop / Slow Control										
Closure Type:	All lanes both directions										
Closure Lane(s):	Shoulder; Median Shoulder										
Direction(s):	All Directions										
LICENCE COND	DITIONS		APPR	OVE	D DAT	ES&T	IMES	5			
10 PORTABLE TR	RAFFIC SIGNALS MUST BE IN ACCORDANCE WIT	гн		From	h Shift				То	Shift	
AUSTRALIAN STANDARDS AND APPROVED FOR USE BY TFNS INSTALLATION OF PORTABLE TRAFFIC SIGNALS MUST COMP THE TRAFFIC CONTROL AT WORKSITES MANUAL. TRAFFIC Q			From	D	м	Time	-	То	D	м	Time
			Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
	NITORED AND MANAGED.		Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
	MUST BE SUFFICIENT TO PERMIT CLEAR ACCE	ESS FOR	Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
HEAVY VEHICLES. 12 MOBILE WORKS MUST COMPLY WITH AUSTRALIAN STANDAR			Tue	19	Apr	00:00	-	Wed	20	Apr	00:00

12 MOBILE WORKS MUST COMPLY WITH AUSTRALIAN STANDARDS 1742.3 AND TINSW'S TRAFFIC CONTROL AT WORK SITES MANUAL. MOBILE WORKS MUST GIVE PRIORITY TO PLANNED SITE-SPECIFIC ROL APPROVALS.

Transport Roads & Maritime

Services

### SPEED ZONE AUTHORISATION

LIC/SZA NO: 556329/001

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMEN	IT - NEW CONSTRUCTION	SPEED LIMIT F	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Hig	hway Reduced To :	80 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LICENSEE		ONSITE CO	NTACT	
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
Ref No:		Phone:	0413777563	
Name:	Luke McGoldrick			
Phone:	0413777563			

APPRC	<b>VED</b>	DATES	& TIMES	5				
	From	Shift				То	Shift	
From	D	м	Time	-	То	D	м	Time
Mon	21	Mar	00:00	-	Tue	19	Apr	00:00
Tue	22	Mar	00:00	-	Wed	23	Mar	00:00
Wed	23	Mar	00:00	-	Thu	24	Mar	00:00
Thu	24	Mar	00:00	-	Fri	25	Mar	00:00
Fri	25	Mar	00:00	-	Sat	26	Mar	00:00
Sat	26	Mar	00:00	-	Sun	27	Mar	00:00
Sun	27	Mar	00:00	-	Mon	28	Mar	00:00
Mon	28	Mar	00:00	-	Tue	29	Mar	00:00
Tue	29	Mar	00:00	-	Wed	30	Mar	00:00
Wed	30	Mar	00:00	-	Thu	31	Mar	00:00
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00
Fri	01	Apr	00:00	-	Sat	02	Apr	00:00
Sat	02	Apr	00:00	-	Sun	03	Apr	00:00
Sun	03	Apr	00:00	-	Mon	04	Apr	00:00
Mon	04	Apr	00:00	-	Tue	05	Apr	00:00
Tue	05	Apr	00:00	-	Wed	06	Apr	00:00
Wed	06	Apr	00:00	-	Thu	07	Apr	00:00
Thu	07	Apr	00:00	-	Fri	08	Apr	00:00
Fri	08	Apr	00:00	-	Sat	09	Apr	00:00
Sat	09	Apr	00:00	-	Sun	10	Apr	00:00
Sun	10	Apr	00:00	-	Mon	11	Apr	00:00
Mon	11	Apr	00:00	-	Tue	12	Apr	00:00

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Transport Roads & Maritime Services

### SPEED ZONE AUTHORISATION

LIC/SZA NO: 556329/001

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMEN	IT - NEW CONSTRUCTION	SPEED LIMIT I	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highway	Reduced To :	80 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

Subject Road: N	IEWELL HWY	Distance(m):	2000	
From: V	VEE WAA RD, NARRABRI	Direction:	All Directions	
То: К	ANIMBLA RD, GURLEY			
Council:				

LICENSEE		ONSITE CONTACT			
s4m Rail Joint Venture	Name:	Luke McGoldrick			
	Phone:	0413777563			
McGoldrick					
3777563					
	ns4m Rail Joint Venture 9 McGoldrick 3777563	as4m Rail Joint Venture Name: Phone: McGoldrick	as4m Rail Joint Venture Name: Luke McGoldrick Phone: 0413777563 McGoldrick		

APPRC	VED	DATES	& TIMES	5				
	From	n Shift				То	Shift	
From Tue	<b>D</b> 12	M Apr	<b>Time</b> 00:00	2	To Wed	D 13	M Apr	<b>Time</b> 00:00
Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
Thu	14	Apr	00:00	-	Fri	15	Apr	00:00
Fri	15	Apr	00:00	-	Sat	16	Apr	00:00
Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
Tue	19	Apr	00:00	-	Wed	20	Apr	00:00

ADDON/ED DATED A TUMES

Transport Roads & Maritime

Services

### SPEED ZONE AUTHORISATION

LIC/SZA NO: 556329/002

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMEN	T - NEW CONSTRUCTION	SPEED LIMIT F	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell High	60 Km/h	
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LICENSEE		ONSITE CONTACT		
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
Ref No:		Phone:	0413777563	
Name:	Luke McGoldrick			
Phone:	0413777563			

APPRC	<b>VED</b>	DATES	& TIMES	5				
	From	Shift				То	Shift	
From	D	м	Time	-	То	D	м	Time
Mon	21	Mar	00:00	-	Tue	19	Apr	00:00
Tue	22	Mar	00:00	-	Wed	23	Mar	00:00
Wed	23	Mar	00:00	-	Thu	24	Mar	00:00
Thu	24	Mar	00:00	-	Fri	25	Mar	00:00
Fri	25	Mar	00:00	-	Sat	26	Mar	00:00
Sat	26	Mar	00:00	-	Sun	27	Mar	00:00
Sun	27	Mar	00:00	-	Mon	28	Mar	00:00
Mon	28	Mar	00:00	-	Tue	29	Mar	00:00
Tue	29	Mar	00:00	-	Wed	30	Mar	00:00
Wed	30	Mar	00:00	-	Thu	31	Mar	00:00
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00
Fri	01	Apr	00:00	-	Sat	02	Apr	00:00
Sat	02	Apr	00:00	-	Sun	03	Apr	00:00
Sun	03	Apr	00:00	-	Mon	04	Apr	00:00
Mon	04	Apr	00:00	-	Tue	05	Apr	00:00
Tue	05	Apr	00:00	-	Wed	06	Apr	00:00
Wed	06	Apr	00:00	-	Thu	07	Apr	00:00
Thu	07	Apr	00:00	-	Fri	08	Apr	00:00
Fri	08	Apr	00:00	-	Sat	09	Apr	00:00
Sat	09	Apr	00:00	-	Sun	10	Apr	00:00
Sun	10	Apr	00:00	-	Mon	11	Apr	00:00
Mon	11	Apr	00:00	-	Tue	12	Apr	00:00

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Transport Roads & Maritime

Services

### SPEED ZONE AUTHORISATION

LIC/SZA NO : 556329/002

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMEN	IT - NEW CONSTRUCTION	SPEED LIMIT I	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highwa	y Reduced To :	60 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

Subject Road: NEW	ELL HWY	Distance(m):		
		Distance(m).	2000	
From: WEE	WAA RD, NARRABRI	Direction:	All Directions	
To: KANI	MBLA RD, GURLEY			
Council:				

LICENSEE		ONSITE CONTACT			
Trans4m Rail Joint Venture	Name:	Luke McGoldrick			
	Phone:	0413777563			
Luke McGoldrick					
0413777563					
	Luke McGoldrick	Trans4m Rail Joint Venture Name: Phone: Luke McGoldrick	Trans4m Rail Joint Venture Name: Luke McGoldrick Phone: 0413777563 Luke McGoldrick		

APPRC	DVED	DATES	& TIMES	5				
	From	n Shift				То	Shift	
From	D	М	Time	-	То	D	м	Time
Tue	12	Apr	00:00	-	Wed	13	Apr	00:00
Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
Thu	14	Apr	00:00	-	Fri	15	Apr	00:00
Fri	15	Apr	00:00	-	Sat	16	Apr	00:00
Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
Tue	19	Apr	00:00	-	Wed	20	Apr	00:00

ADDON/ED DATED A TUMES

Transport Roads & Maritime

Services

### SPEED ZONE AUTHORISATION

LIC/SZA NO: 556329/003

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMEN	T - NEW CONSTRUCTION	SPEED LIMIT F	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell H	40 Km/h	
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LOCATION		TRAFFIC MAN	IAGEMENT	
Subject Road:	NEWELL HWY	Distance(m):	500	
From:	WEE WAA RD, NARRABRI	Direction:	All Directions	
To:	KANIMBLA RD, GURLEY			
Council:				
Council:				

LICENSEE		ONSITE CONTACT		
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
Ref No:		Phone:	0413777563	
Name:	Luke McGoldrick			
Phone:	0413777563			

APPRC	VED	DATES	& TIMES	5				
	From	h Shift				То	Shift	
From	D	м	Time	-	То	D	м	Time
Mon	21	Mar	00:00	-	Tue	19	Apr	00:00
Tue	22	Mar	00:00	-	Wed	23	Mar	00:00
Wed	23	Mar	00:00	-	Thu	24	Mar	00:00
Thu	24	Mar	00:00	-	Fri	25	Mar	00:00
Fri	25	Mar	00:00	-	Sat	26	Mar	00:00
Sat	26	Mar	00:00	-	Sun	27	Mar	00:00
Sun	27	Mar	00:00	-	Mon	28	Mar	00:00
Mon	28	Mar	00:00	-	Tue	29	Mar	00:00
Tue	29	Mar	00:00	-	Wed	30	Mar	00:00
Wed	30	Mar	00:00	-	Thu	31	Mar	00:00
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00
Fri	01	Apr	00:00	-	Sat	02	Apr	00:00
Sat	02	Apr	00:00	-	Sun	03	Apr	00:00
Sun	03	Apr	00:00	-	Mon	04	Apr	00:00
Mon	04	Apr	00:00	-	Tue	05	Apr	00:00
Tue	05	Apr	00:00	-	Wed	06	Apr	00:00
Wed	06	Apr	00:00	-	Thu	07	Apr	00:00
Thu	07	Apr	00:00	-	Fri	08	Apr	00:00
Fri	08	Apr	00:00	-	Sat	09	Apr	00:00
Sat	09	Apr	00:00	-	Sun	10	Apr	00:00
Sun	10	Apr	00:00	-	Mon	11	Apr	00:00
Mon	11	Apr	00:00	-	Tue	12	Apr	00:00

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Transport Roads & Maritime

Services

### SPEED ZONE AUTHORISATION

LIC/SZA NO: 556329/003

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMEN	IT - NEW CONSTRUCTION SPEED LI	MIT REDUCTION
Project:	Not Applicable Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highway Reduced To	2: 40 Km/h
	Section from Narrabri to Gurley.	

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

	ONSITE CO	NTACT	
Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
	Phone:	0413777563	
Luke McGoldrick			
0413777563			
	Luke McGoldrick	Trans4m Rail Joint Venture Name: Phone: Luke McGoldrick	Phone: 0413777563 Luke McGoldrick

APPRC	DVED	DATES	& TIMES	5				
From Shift						То	Shift	
From	D	М	Time	-	То	D	м	Time
Tue	12	Apr	00:00	-	Wed	13	Apr	00:00
Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
Thu	14	Apr	00:00	-	Fri	15	Apr	00:00
Fri	15	Apr	00:00	-	Sat	16	Apr	00:00
Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
Tue	19	Apr	00:00	-	Wed	20	Apr	00:00

ADDON/ED DATED A TUMES

# **Minor Ancillary Facility Assessment**

#### Introduction

The Project's Conditions of Approval (CoA) allows for the establishment and operation of Minor Ancillary Facilities on the Narrabri to North Star (N2NS) Project. Condition A21 states:

CoA A21 - Facilities including lunch sheds, office sheds, material lay down sites, stockpile areas, areas used to assemble infrastructure, and portable toilet facilities can be established and operated where they satisfy the following criteria:

- (a) are located within the construction boundary; and
- (b) have been assessed by the ER to have
  - *i.* low amenity impacts to surrounding residences and businesses, after consideration of matters such as compliance with the interim Construction Noise Guideline (DECC, 2009), traffic and access impacts, dust and odour impacts and visual (including light) impacts, and
  - ii. Low environmental impact with respect to waste management and flooding, and
  - *iii.* No impacts on biodiversity on biodiversity, soil and water and heritage items beyond those already approved under the other terms of this approval.

To assess the proposed facility complete <u>Part A. Minor Ancillary Facility Rapid Assessment</u> and proceed to <u>Part B. Minor Ancillary Facility Checklist</u> where prompted by the notes. If not, forward the Rapid Assessment to the T4MR Environment Manager for approval.

Site Name:	Minor Ancillary Facility – Croppa Creek South		
Location:	Rail Alignment, south of Buckie Road		
Chainage:	CH733.400 – CH733.800		
Program*:	Establish: March 2022 Operation: March 2022 – September 2022		
Land Use:	Within ARTC rail alignment.		
Footprint / Size:	25,000m <sup>2</sup> (approx. 20,000m <sup>2</sup> ballast stockpiling and 5,000m <sup>2</sup> general laydown)		
Use:	<ul> <li>The Minor Ancillary Facility (Croppa Creek South) will be utilised for the following:</li> <li>Caravan (mobile) site office, including generator, bins and carparking (western side of the alignment).</li> <li>General laydown and storage of plant and equipment (western side of the alignment).</li> <li>Storage of ballast (eastern side of alignment).</li> </ul>		
Site Surroundings:	<ul> <li>The proposed Minor Ancillary Facility (Croppa Creek South) is surrounded by the following:</li> <li>North: Croppa Creek level crossing (Buckie Road), Croppa Creek School and Sporting Club, sensitive receivers of Croppa Creek and rail alignment.</li> <li>East: Rail alignment and extensive agricultural land.</li> <li>South: GrainCorp rail siding / loading facility, sensitive receivers of Croppa Creek, rail alignment and extensive agriculture.</li> <li>West: Sensitive receivers of Croppa Creek.</li> </ul>		

#### Table 1: Minor Ancillary Facility – Site Description

Site Establishment Process:	The below sets out the scope of works for the proposed Minor Ancillary Facility (Croppa Creek South):		
	<ul> <li>The proposed footprint of the MAF will be demarcated in the field using hivisibility flagging (or other approved method) and "No-Go Zone" signage.</li> <li>Water-filled (or concrete) barriers and anti-gawking screens (solid) will be installed along the western perimeter of the MAF site to; (a) provide screening to improve the impact to visual amenity to the adjacent sensitive receivers and to (b) reduce the noise impact to sensitive receivers. The combined water-filled or concrete barriers and anti-gawking screens stand approximately 2m high and the approximate location is shown in Appendix A.</li> <li>Establishment of the site's erosion and sediment controls will be installed in accordance with the site's Progressive Erosion and Sediment Control Plan.</li> <li>Preparation of the hardstand area by: (1) stripping of topsoil and stockpiling for re-use during rehabilitation of the site (2) placement of</li> </ul>		
	<ul> <li>clean rock or ballast material across the footprint of the MAF.</li> <li>Mobilisation of site facilities i.e. the trailer based (caravan-style) site office, portoloo, etc will be mobilised to site.</li> </ul>		
*NOTE: Cubic at to use there and	The establishment of the pad will take approx. 1 weeks to complete.		

\*NOTE: Subject to weather and unexpected site conditions

### Part A. Minor Ancillary Facility Rapid Assessment

Critoria	Yes	No	Notes
<ol> <li>Does the proposed facility consist only of a mobile site office (caravan style), a port o loo and / or a carpark?</li> </ol>			If yes, proceed to Q2. If no, proceed to Part B.
2. Are earthworks, ground disturbance or pad construction required specifically to establish the facility?			If yes, proceed to Part B. If no, proceed to Q3.
3. Is the proposed facility located entirely within the SPIR Construction Impact Zone (CIZ)?			If yes, proceed to Q1. If no, seek advice from the Environment Team.
4. Is the proposed facility located within 150m of a sensitive receiver?			If yes, proceed to Part B. If no, proceed to Q5.
5. Is the proposed facility located within a mapped Threatened Ecological Community?			If yes, proceed to Part B. If no, proceed to Q6.
6. Is the proposed facility located within 50m of a mapped or named waterway?			If yes, proceed to Part B. If no, proceed to Q7.
7. Is the proposed facility located within 50m of a known heritage area or item?			If yes, proceed to Part B. If no, proceed to Part A approval.

If the Part A. Minor Ancillary Facility Rapid Assessment has not triggered Part B. Minor Ancillary Facility Checklist, the proposed facility is not considered a Minor Ancillary Facility (as per CoA A21) and may be approved by the Trans4m Rail Environment Manager.

#### Name: Pippa Donaldson

Position: Trans4m Rail Environment Manager

#### Signature:

Date: / /2021

NOTE: The signed and approved copy of the Part A approval must be provided to ARTC and the ER for information.

### Part B. Minor Ancillary Facility Checklist

This Minor Ancillary Facility Checklist has been prepared to assess the proposed Minor Ancillary Facility (Croppa Creek South) against the requirements of CoA A21 and all other environmental requirements. Mitigation measures have also been provided to ensure that any environmental risks or impacts to the Community are suitably managed.

These facilities will be located in accordance with the criteria listed in Table 2 and submitted to the Project's Environmental Representative (ER) for approval prior to site works commencing.

Criteria	Compliant (Y) Yes (N) No	Comments
Located within the construction boundary as defined by the approval (CoA A21(a)).	Y	Minor Ancillary Facility (Croppa Creek South) occurs on land that's within the Project's Submissions Preferred Infrastructure Report (SPIR) Construction Impact Zone. Refer to Appendix A for location.
Compliance with the Interim Construction Noise Guideline (CoA A21(b)(i)	Υ	The proposed MAF is located immediately adjacent the township of Croppa Creek. The operation of the MAF has been modelled and estimated to impact (noise estimated to exceed the Project's NML) all residents of the Township of Croppa Creek, estimated to be 20 individual residences. In addition to these residential receivers, the following other sensitive receivers (OSR) are expected to be impacted: - Croppa Creek School - Croppa Creek Sports Club - GrainCorp - Croppa Creek General Store - McGregor Gourlay Agriculture supplies Due to the close proximity of these sensitive receivers to the proposed Minor Ancillary Facility (Croppa Creek South), the predicted noise impact associated with the operation of the MAF was assessed using the TfNSW Noise Estimator Tool and compared to the Noise Management Levels (NML) for the Project. NOTE: The operation of the MAF is considered to represent the worst case noise scenario, which includes the operation of the laydown on the western side of the alignment and loading / unloading of ballast on the eastern side of the alignment. Refer to Appendix B for the full assessment. The noise assessment predicted impacts of up to 20dB over the Projects NML at the closest sensitive receiver during operation. Due to the anticipated impact, the following measures will be taken: - The establishment and operation of the MAF will only be undertaken during standard construction hours. - Community Notification and Consultation has occurred via a letter box drop for all residential and other sensitive receivers impacted by the MAF and the facilitation of a

Table 2: Minor Ancillary Facility – CoA A21 Criteria

Criteria	Compliant (Y) Yes (N) No	Comments
		<ul> <li>community drop-in session. Refer to Appendix F for consultation material.</li> <li>Installation of a noise barrier along the western perimeter of the MAF to minimise the visual and noise impacts to the adjacent sensitive receivers.</li> <li>Noise monitoring undertaken using a calibrated noise meter during the following periods; pre-establishment (baseline) and during the operational phase of the MAF.</li> <li>Early morning (before 7:00am) pre-start meetings are not permitted at the proposed Croppa Creek South MAF. These would either be held at the Croppa Creek / Moree Road MAF at CH730.200 or at the Croppa Creek South) would only be utilised for later pre starts (after 7am) and sign ins.</li> </ul>
		No sensitive receivers are considered highly noise impacted (>75dB).
		Due to the predicted noise impact, additional background noise monitoring was undertaken (15min monitoring intervals) to determine the current noise levels experienced in Croppa Creek. The monitoring events included:
		27/10/2021 (3:30 – 3:45pm) – Laydown (MAF) Location
		28/10/2021 (6:01 – 6:16am) – Adjacent sensitive receiver
		The above monitoring identified L <sub>A90</sub> of 36.2dB and 34.2dB for the 27 <sup>th</sup> Oct and 28 <sup>th</sup> Oct, respectively. Refer to the Field Monitoring Records for additional details. Notwithstanding this, background monitoring typically requires more substantial monitoring to accurately define the RBL, however the monitoring undertaken suggests that the current background noise levels experienced at Croppa Creek are different to those captured during the EIS (2016). These being:
		Project EIS Noise Assessment (Source: Section 2.4 Environmental Impact Statement Technical Report 5: Noise and Vibration Assessment)
		<ul> <li>01<sup>st</sup> - 10<sup>th</sup> March 2016 at CH734 (L03NNS) identified the following RBLs at monitoring location L03NNS (LA90):         <ul> <li>Daytime - 27dB</li> <li>Evening - 30dB</li> <li>Night-time - 35dB</li> </ul> </li> </ul>
		NOTE: The RBL for the Project was set at 30dB.
		The monitoring undertaken on the 27 <sup>th</sup> Oct (L <sub>A90</sub> - 36.2dB) exceeded the daytime RBL (27dB) reported in the Project EIS and the RBL set for the project (30dB). However, the monitoring undertaken on the 28 <sup>th</sup> Oct (34.2dB) was less than the night time

Criteria	Compliant (Y) Yes (N) No	Comments
	(N) No	<ul> <li>RBL reported during the Project EIS, but exceeded the RBL set for the project (30dB).</li> <li>The worst case noise scenario assessment was re-run incorporating the RBL's reported during the monitoring on the 27<sup>th</sup> Oct and the 28<sup>th</sup> Oct. Refer to Appendix C for the noise assessment.</li> <li>The updated noise assessment predicted impacts of up to 14dB over the revised NML at the closest sensitive receiver during operation.</li> <li>To ensure the residents of Croppa Creek understand the potential impact associated with the establishment and operation of the MAF, the following consultation activities were undertaken: <ul> <li>Community Information Session held on the Wednesday, 6 October 2021 from 4pm.</li> <li>Post Office drop to all letter boxes of Croppa Creek including the Community Notification document and Feedback Form provided.</li> <li>Face to face consultation.</li> <li>Community Notification Letter and Feedback Forms provided at the Croppa Creek store.</li> </ul> </li> <li>During the information session, post office drop or face to face contacts, no major concerns were raised in relation to the establishment or operation of the MAF. The completed feedback forms can be provided upon request.</li> <li>Refer to Appendix A for the location of residential and other sensitive receivers.</li> </ul>
At least 50m from watercourses and outside the 5% AEP flood zone (CoA A21(b)(ii))	Υ	<ul> <li>The proposed MAF (Croppa Creek South) site is located &gt;50m from any named waterways or mapped drainage lines. The closest waterways / drainage lines include: <ul> <li>Un-named drainage feature located approx. 120m to the north-east.</li> <li>Croppa Creek Tributary located approx. 880m to the north-west.</li> <li>Croppa Creek located approx. &gt;1km to the north.</li> </ul> </li> <li>The proposed MAF (Croppa Creek South) site is located outside the area impacted by the existing 5% AEP flood event, but within the area impact by the 1000yrARI and Probable Maximum Flood (PMF), as shown in Appendix A.</li> </ul>
Not within areas identified as threatened communities or species habitats beyond those	Y	The entire MAF (Croppa Creek South) site is mapped as Cleared / Non-Native Vegetation. No mapped EEC, threatened species or koala habitat will be impacted by the establishment or operation of the MAF.

Criteria	Compliant (Y) Yes (N) No	Comments
already approved under the terms of the project approval (CoA A21(b)(iii)		Refer to Appendix A for details.
No significant impacts to utilities, primarily gas and electricity	Y	The establishment and operation of MAF (Croppa Creek South) will not result in significant impacts to existing gas, electrical, water or communications utilities.
Not on or near sites with known Aboriginal or non- Aboriginal heritage (CoA A21(b)(iii)	Y	No areas or items of Aboriginal or non-Aboriginal significance have been identified within the area impacted by the proposed MAF (Croppa Creek South) site.
Safe access to the road network and rail corridor and low impacts on traffic and access (CoA A21(b)(i)	Y	Access to the Minor Ancillary Facility (Croppa Creek South) will be provided from Buckie Road to an unnamed private access road to the MAF. The access road utilised to access will not be utilised until landholder approval is sought.
Relatively flat land	Y	Minor Ancillary Facility (Croppa Creek South) is located on flat land with <0.5m fall across the site.
Low environmental impact with respect to waste management and flooding (CoA A21(b)(ii)	Y	<ul> <li>The establishment and operation of the proposed MAF (Croppa Creek South) will generate minor waste volumes. These waste streams will generally consist of the following: <ul> <li>Wastewater</li> <li>Wastepaper / cardboard</li> <li>Rubbish and debris</li> <li>Food waste</li> </ul> </li> <li>The volumes of waste generated will be reduced and reuse will be maximised by implementing the mitigation measures detailed in Section 2 below.</li> <li>Flooding risk has been addressed above.</li> </ul>
No impacts on biodiversity, soil and water, and heritage items beyond those already approved under SSI 7474 approval (CoA A21(b)(iii)	Y	The environmental impacts associated with the establishment and operation of Minor Ancillary Facility (Croppa Creek South) are considered minor and consistent with those impacts approved under SSI 7474.
Boundary screening around all facilities adjacent to and visible from sensitive receivers for the duration of use of the ancillary facility unless otherwise agreed with the relevant council and affected residents, business	Y	Screening will be applied as detailed in the works methodology above.

Criteria	Compliant (Y) Yes (N) No	Comments
operators or landowners (COA A22)		

A locational map, environmental constraints and co-ordinates have been provided in Appendix A.

### **Mitigation Measures**

Based on the site details and environmental constraints identified in Table 1 and Table 2 above, the key environmental risks associated with the establishment and operation of the Minor Ancillary Facility (Croppa Creek South) include:

- Dust and associated impacts to air quality resulting from access and operation of the MAF;
- Noise impacts to neighbouring sensitive receivers; and
- Mud tracking onto the local road network of Croppa Creek.

With the implementation of the mitigation measures detailed in Table 3 below, these impacts are considered to be minor and consistent with those impacts assessed and approved under CSSI 7474.

#### Table 3: Minor Ancillary Facility – Mitigation Measures

	Measure/Requirement	Responsibility	Timing/ frequency
1)	Site inductions will include the site-specific requirements relating to traffic and access, noise, dust and air quality, surface water, erosion & sediment control management works.	Environmental Manager	Pre-construction
2)	Progressive Erosion and Sediment Control Plans (PESCPs) will be developed by Trans4m Rail CPESC and implemented throughout the site establishment phase.	Environmental Manager	Pre-construction
3)	Prior to site establishment works commencing, all potentially impacted landholder/s will be consulted regarding potential noise impacts associated with the establishment and operation of MAF (Croppa Creek South). Refer to attached consultation material.	Comms Team	Pre- Construction
4)	Controls must be in place to prevent tracking dirt and mud onto public roads.	Construction Supervisor	Construction
5)	Spoil, mud or the like spilt onto sealed roads to be removed within 24hrs through use of a street sweeper or other means.	Construction Supervisor	Construction
6)	Mobile plant and vehicles, including deliveries must use designated travel routes, site access routes, site access tracks and lay down areas.	Construction Supervisor	Construction
7)	Any activities requiring the discharge of construction water off site will be undertaken in accordance with the PESCP.	All personnel / Environmental Manager	Construction
8)	The MAF footprint must be clearly identified and physically demarcated on-site. Slashing, clearing or other ground disturbance activities must not occur outside these areas unless otherwise approved in writing by the Environment Manager, or suitable delegate.	Construction Supervisor	Construction
9)	Groundcover to be progressively re-established as soon as practicable to prevent erosion during construction.	Construction Supervisor	Construction
10)	In the event that an area or item of heritage significance, threatened species, contaminated material or asbestos containing materials (ACM) are discovered or suspected on-site, then all works affecting the find must cease immediately, the area secured and relevant Trans4m Rail's Unexpected Finds Procedure / Protocol will be implemented. Trans4m Rail's Environmental Manager (or delegate), ARTC and the Project Environmental Representative must be immediately notified of	All personnel / Construction Supervisor	Construction

	Measure/Requirement	Responsibility	Timing/ frequency
	any unexpected finds. Other stakeholders (e.g. NSW EPA, OEH, DPIE, WaterNSW, Council, local landholders, etc) may also be notified depending on the nature and scale of the unexpected find.		
11)	Any spills or leaks of chemicals, fuels, oils, effluent or any other hazardous substance that occurs during site establishment must be managed and reported in accordance with Trans4m Rail's Environmental Incident Response and Reporting Procedure.	All personnel / Construction Supervisor	Construction
12)	Refuelling activities must always be closely supervised. Plant and equipment being refuelled must not be left unattended for any period of time.	All personnel / Construction Supervisor	Construction
13)	The land on which ancillary facilities, laydowns areas, access tracks and all other temporary works are located shall be rehabilitated to at least their pre-construction condition or better, unless otherwise agreed by the landowner.	Construction Supervisor	Construction
14)	Weather forecast will be reviewed daily (via http://www.bom.gov.au/) and additional measures implemented where unfavourable weather conditions (i.e. hot, dry weather, high wind speed (>10m/s)) are anticipated. Measures to be implemented during unfavourable weather conditions may include a reduction of speed, a modified construction methodology, alternative plant and equipment, altering the scheduled works or program for the day, additional water carts or ceasing dust generating activities until conditions are more favourable.	Environmental Manager / Construction Supervisor	Construction
15)	The following dust control measures will be utilised to suppress dust being generated from access roads, laydown areas, ancillary facilities and all other exposed surfaces; water application via watercarts and alternative means (i.e. sprinklers, hoses), sealing or stabilisation of highly trafficked areas, dust screens, application of geofabric or jute mat or the application of soil binding agents. The frequency of use will be modified depending on the prevailing wind	Construction Supervisor	Construction
	and weather conditions. Due to the close proximity of sensitive receivers, the Croppa Creek MAF will take priority over other sites when it comes to dust management (i.e. water cart).		
L6)	Exhaust systems of construction plant, vehicles and machinery will be maintained in accordance with manufacturer's specifications to ensure that emissions do not exceed EPA regulations. Periodic visual checks will be undertaken daily.	Construction Supervisor	Construction
.7)	Waste will be segregated and collected on a regular basis to ensure odours associated with waste do not become an issue to surrounding sensitive receivers. All waste will be collected and disposed of at a licensed facility.	All personnel	Construction
18)	All establishment works will be undertaken in accordance with the standard construction hours detailed in Condition of Approval E1.	Construction Supervisor	Construction
19)	Notification undertaken prior to and during construction would inform relevant stakeholders of the work locations and timing, and the potential for noise impacts.	Community Engagement Team	Construction
20)	Water-filled (or concrete) barriers and anti-gawking screens (solid) will be installed along the western perimeter of the MAF site to; (a) provide screening to improve the impact to visual amenity to the adjacent sensitive receivers and to (b) reduce the noise impact to sensitive receivers. The combined water-filled or concrete barriers and anti-	Environment Manager / Construction Supervisor	Construction

Minor Ancillary Facility Assessment - Croppa Creek South (Rev. 3)

	Measure/Requirement	Responsibility	Timing/ frequency
	gawking screens stand approximately 2m high and the approximate location is shown in Appendix A.		
21)	Noise monitoring using a calibrated noise meter will be undertaken by a suitably experienced person prior to site establishment works commencing. The intent of the monitoring is to understand the current noise levels experienced at the site prior to the establishment and operation of the MAF.	Environment Manager	Pre-construction
22)	Noise monitoring using a calibrated noise meter will be undertaken by a suitably experienced person within 2 weeks of the MAF becoming fully operational. The intent of the monitoring is to confirm the results provided by the noise model and to determine if any additional noise mitigation measures are required to achieve the predicted noise levels.	Environment Manager	Construction
23)	Early morning (before 7:00am) pre start meetings are not permitted at the proposed Croppa Creek South MAF. These would either be held at the Croppa Creek / Moree Road MAF at CH730.200 or at the Croppa Creek MAF at CH734.800. The proposed MAF (Croppa Creek South) would only be utilised for later pre starts (after 7am) and sign ins.	Site Supervisor	Construction

### Certification

This Minor Ancillary Facility Assessment provides a true and fair review of the proposed activity for the Inland Rail N2NS upgrade project.

Phape

Signed: Name: Pippa Donaldson (Adam Playne (pp)) Position: Trans4m Rail Environment Manager

Date: 26/04/2022

Signed: S

Steve Fermio

Name: Steve Fermio Position: Environmental Representative

Date: 28/04/2022

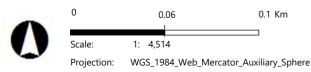
Minor Ancillary Facility Assessment - Croppa Creek South (Rev. 3)

Appendix A: Site Location (incl. Environmental Sensitive Areas)

### Croppa Creek - Minor Ancillary Facility -Anti-gawking Screen Locations

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### Croppa Creek - Minor Ancillary Facility -**Biodiversitv**

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Legend

- World Boundaries and Places
- CIZ (SPIR)
- Chainage 100m
- \_ Rail Alignment

Vegetation Communities - Clip

Zone - - Cleared/Non-native Veget

Zone - 1 - PCT-27 BVT-BR233, NA woodland of the Darling Riverine PI Brigalow Belt South Bioregion-Mode

Zone - 2 - PCT-35 BVT-BR120, NA forest / woodland on alluvial often g Scrub to Goondiwindi, Brigalow Bel -Moderate - Good

Zone - 3 - PCT-39 BVT-BR130, NA Coobah - Lignum woodland wetland floodplains mainly in the Darling Riv Bioregion-Moderate - Good

Zone - 4 - PCT-52 BVT-BR191, NA Bluegrass +/- Mitchell Grass grassli floodplains and alluvial plains mainl Darling Riverine Plains Bioregion-N

Zone - 5 - PCT-56 BVT-BR186, NA woodland on clay-loam soils on allu NSW-Moderate - Good

Zone - 6 - PCT-56 BVT-BR186, NA woodland on clay-loam soils on allu NSW-Derived Native Grasslands

Zone - 7 - PCT-71 BVT-BR127,NA1 Cypress Pine - River Red Gum - bk sandy loam alluvial and aeolian soil Belt South Bioregion and Darling Ri Bioregion-Moderate - Good

Zone - 8 - PCT-78 BVT-BR196, NA riparian tall woodland / open forest Bioregion and Brigalow Belt South I Good



The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.

Scale: 1: 9,028 WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere Projection:

0.11

0.2 Km

Notes: Red - Ballast stockpile Blue - Caravan and material / equipment laydown

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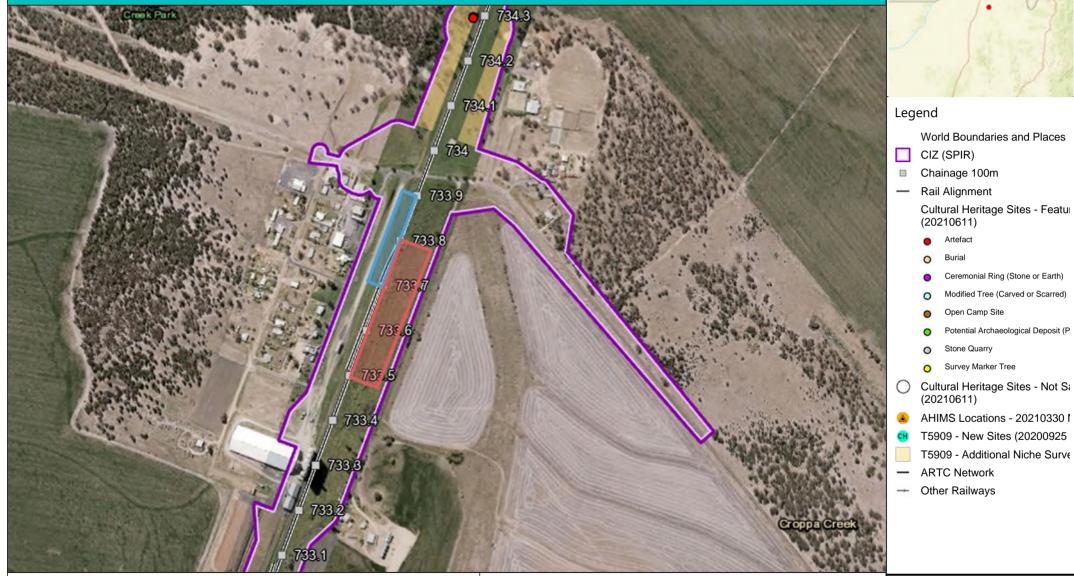
#### DISCLAIMER:

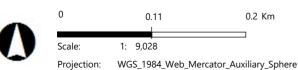
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### Croppa Creek - Minor Ancillary Facility -**Cultural Heritage**

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Notes: Red - Ballast stockpile Blue - Caravan and material / equipment laydown

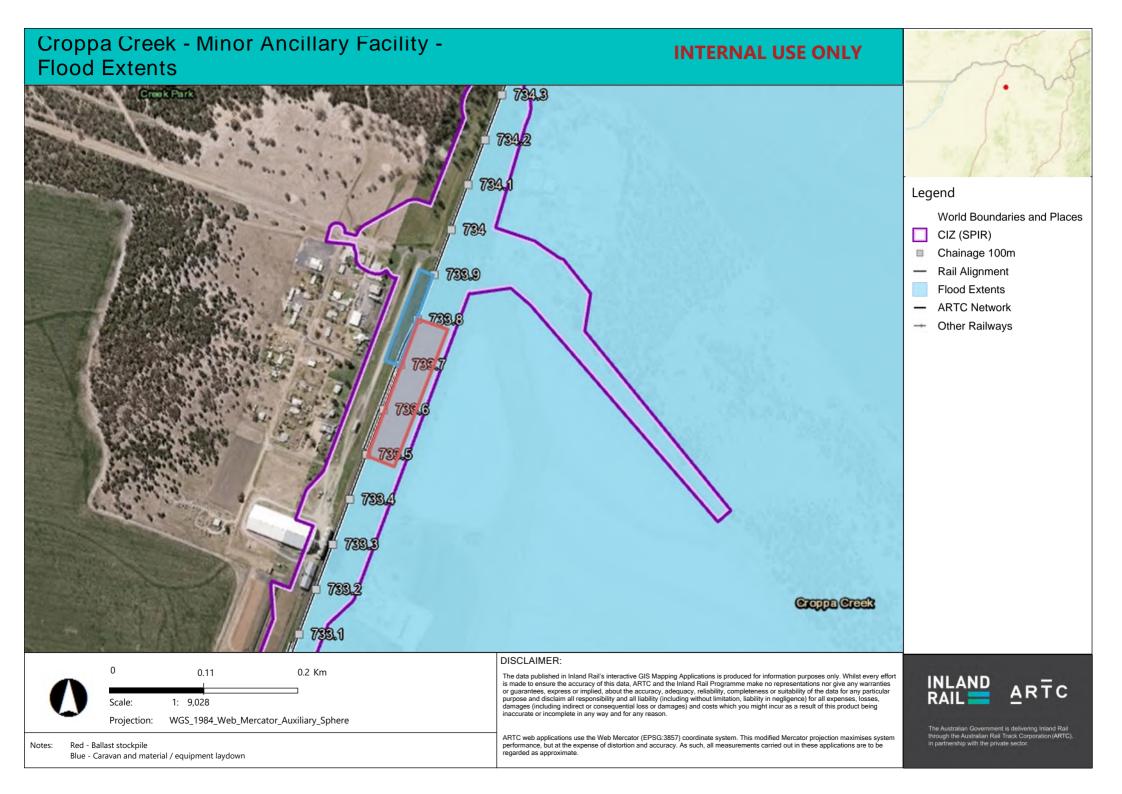
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T5909 - Additional Niche Surve **ARTC Network** Other Railways

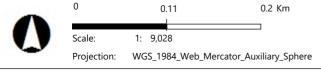




### Croppa Creek - Minor Ancillary Facility -Sensitive Receivers

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Notes: Red - Ballast stockpile Blue - Caravan and material / equipment laydown

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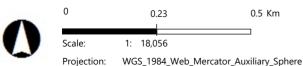
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### Croppa Creek - Minor Ancillary Facility -Mapped Waterways / Drainage Lines

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#### -

Notes: Red - Ballast stockpile Blue - Caravan and material / equipment laydown

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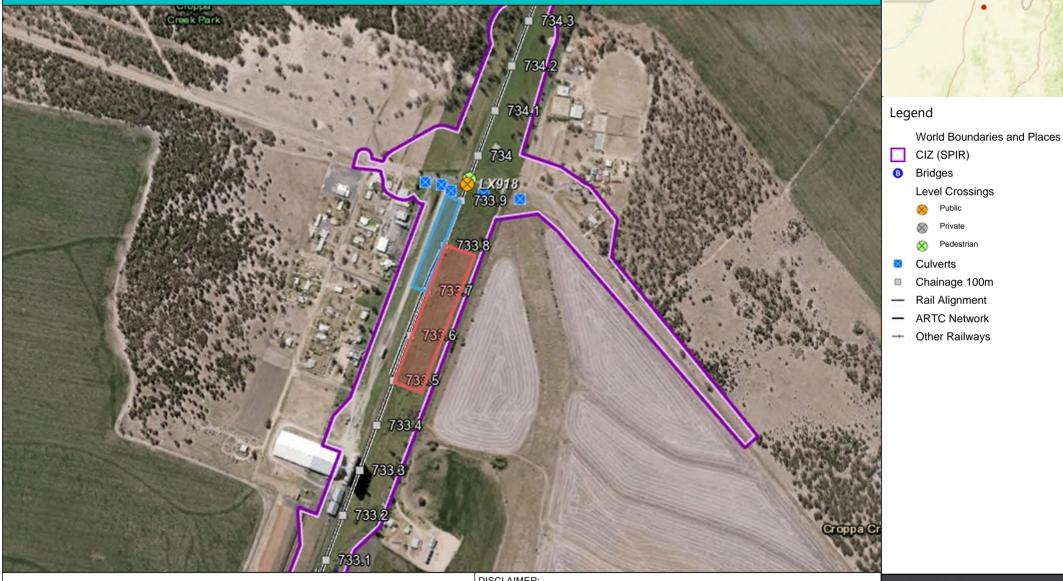
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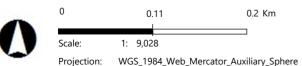
ARTC web applications use the Web Mercator (EPSG:3857) coordinate system. This modified Mercator projection maximises system performance, but at the expense of distortion and accuracy. As such, all measurements carried out in these applications are to be regarded as approximate.



## Croppa Creek - Minor Ancillary Facility

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Notes: Red - Ballast stockpile Blue - Caravan and material / equipment laydown

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Additional mitigation measures	Standard Hours Day (OOHW)	N, V V, IB, N, R1, DR, PC, SN	N, R1, DR		N, R1, DR				

# Appendix B: Noise Estimator (Project EIS RBLs)

	1. Einer receiver address (edi C11): A Belet airea ground type (edi C12): walter, undevidored green fields (e.g. triat areas with isolated owellings) or toevoloed settlements (e.g. unban and sourchan areas) 5. Settler type of background notes level input - Representative hole environment (to make assumptions) or user input (where holes monitoring data is available) 5. Settler type of background notes level input - Representative hole environment (to make assumptions) or user input (where holes monitoring data is available) 6. On the organise environment is selected: - select T19 appropriate noise area calegory (cell C16). The workshole of the noise area caledore) curruber of caranises to help select the noise area calegory (cell C16). The workshole (tile Representative Noise Environ' provides a number of caranises to help select the noise area calegory (cell C16). The workshole (tile Representative Noise Environ' provides a curruber of caranises to help select the noise area calegory (cell C16).	17 to D19).	re scramption (e.g. shallow correction), paint from the drop-down list in cells AuX/ e.g. during thicks + excavator). A prioring quarkityfric each section paint from the Drop-down list in cells AuX/ e.g. during thicks + excavator) (b) there have sections the section of the Drap in the reset for such alphant in the drap to E.g. the more reset	ther types and caped there, stipping charter, sile office, etc. Please note intervegetation and trees are not considered to be a form of solid burner. The break above hoxyground and/or force magnement left (sec rows 27) to 21) and imperiment standout programment and the standout standout and the standard of the standard mitigation measures by changing the	ially impacted receivers, etc.).				d in Contribution (m) SPL (dB(A))	56	3 8	99	-888 	0000- 0000-	808- 808-	-838	-888		858-	-838	-888 888	-838 655	888 <del>7</del>		-	I Offices, retail outlets		70	70						•
	ated dwellings) or u assumptions) or u a category (cell C	he period (cells D	A47 (e.g. dump tri tant in cells E28 tr arrier can be in tr	jetation and trees any shielding impl	to 65). ogy. plant , poteni		and vibration.		Distance used in calculation (m)	100	9 g	09														Industrial premise		75	75						•
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	n fields (e.g. rura tive noise enviror - select the appro	ackground noise ? Select Y or N ce in cell C25.	he drop-down lis. D47. a to receiver for e wn list in cells F2.	e office, etc. Plet tlevel (see rows t easible and reasy	itigation measuries of work, constru		w measures and		Quantity correction (dBA)	0	0 0	0	0	0	• •	0	0 0	0	0	0	00	0	-			Active	65	65 65	8						
e (cell C9). ne (cell C10).	ress (cell C11). 1 type (cell C12). 2 type (cell C12). 2 ackground noise level input - Representa 2 ackground noise level input - Representa resentative noise environment is selected. 3 mobies to help select the noise are a calced.	(b) where user input is selected - enter the measured background noise level for ear paint at the same representative distance to the receiver's select Y or N (cell C24); (a) where Y is selected - enter the representative distance in cell C26, (b) where N is selected - go to step #7	For the science (e.g. shallow excerned), select pairto The fore-down list in cells A28 to A47 (e.g. shallow but in the selection of the science of the scien	timber lighted and capter for there, simpling containers, lear office, etc. These note that vegetation a identify the level above background and/or nobee mangamentievel (see mous 57 to 52). 5. joentify and implement standard mitigation measures where feasible and reasonable. Include any an selector in the B there line of signit to receared or option feasible and reasonable. Include any any selector	ement feasible and reasonable additional m mary report detailing: scription (including location, duration, hour	(b) busicemand meet levels. (c) predicted mode levels for each time period.	multime and concert unattime for implementing mitigation the metalling and the metal		is there line of sight to receiver? Y/N	No (behind solid barrier)	No (behind solid barrier) No (behind solid barrier)	No (behind solid barrier)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Non-residential receivers	Place of worship	99	55 88	8 18			4	5 400 HZ	0	
1. Enter project name 2. Enter scenario name	<ol> <li>Enter receiver addines</li> <li>Select area ground</li> <li>Select the type of to</li> <li>Select the type of to</li> <li>Minet reprint</li> </ol>	<ul> <li>(b) where use</li> <li>(c) sall plant at the said and the said (a) where Y is</li> <li>(b) where N is</li> </ul>	7. For the scenario (e. (a) enter quar (b) where N is (c) is there lin	timber lappec 8. identify the level at 9. identify and implem selection in the 1s the	10. Identify and imple 11. Document a sumr (a) project dec	(b) backgrout (c) noise man (d) predicted			Individual distance to receiver (m)	100	100	60														Hospital wards and operating theatres	99	65 66	8 59						
		NS) 11 (CNVIS) RBLs 12 s with isolated dwellings)	User Input	36 36	46 41	41		Using Individual Distances!	Quantity																	Classroom at schools and other educational	66	55					2		
		Intand Rail (N2NS) Croppa Creek (MAF) - Project (CNVIS) RBLs Croppa Creek (maria areas with isolated dw	User Input Representative Noise Environment				z		SPL @7m (dB(A))	87	85	000												60		Residential receiver	46	4	41	24	24	24 14	<u>e</u> :	19	N, V V N B1 DB
				Day Evening	Day Day (OOHW)	Evening Night	to the receiver? Y/N		SWL LAss (dB(A))	112	110	108												3( <b>A</b> ))			Standard hours	Day (OOHW)	OOHW Period 2	Standard hours	DOHW Period 1	OOHW Period 2 Standard hours	Day (OOHW)	<b>COHW Period 2</b>	Standard Hours
Services	Please input information into yellow cells Please pick from drop-down list in orange cells	Project name Scenario name Receiver area ground type Select area ground type	Select type of background noise le	RBL of Los Background level (dB(A))	l Anaid Eminiment Morise manufamment level (46/61)	(Lubra) and a state of the stat	is all plant at the same representative distance to the receiver? VIN	Representative distance (m)	Type/ model plant (See Sources Sheet)	Front End Loader	Truck (>20tonne) Lieht Vehicles (en 4WD)	Delivery Truck												Total SPL LAeq(15minute) (dB(A))				Noise Management Level (dB(A))			Level above background (dB(A))		Level above NML (dB(A))		

# Appendix C: Noise Estimator (Revised RBLs)

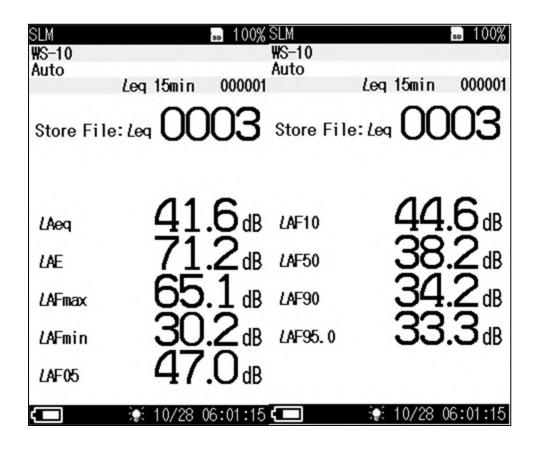
# Appendix D: Noise Monitoring Records (27<sup>th</sup> & 28<sup>th</sup> Oct 2021)

-	Inland Rail: Narrabri to No	
Chainage: 733-		15:30 27/10/21.
Location: Croppa	Creek Township	Laydown.
Calibration	Pre-Measurement	Post-Measurement
Calibration Time:	15:22	
Calibration Level:	15:00	
Start Time: 15:30	End Time: 15:45	Duration: 15 M.N.
	126 150.3058.	
	House to rewest.	
Weather Conditions: Wind Speed: NTC	Wind Direction: NIC	Temperature: Warn.
Humidity:	Cloud Cover: 207.	
_	Results of Noise Quality Mo	
-	Test Measureme	ent (dB)
	1 LA90 36 2 dB.	
	3	
	4	
-	5	
	5	
Major Construction Noise	NEL	
Source(s) During		
Monitoring:		
Other Noise Source(s)	Circin trucks hea	iding to silo.
During Monitoring:		
	Cars through ton	30.
Comments:		
	Data	
Sampled By:		
Sampled By:	Date:	

Minor Ancillary Facility Assessment - Croppa Creek South (Rev. 3)

SLM ₩S-10 Auto	tan 100%SLM ₩S-10 Auto	₅ 100%
Store File	Leq 15min 000001 e:Leq <b>0002</b> Store Fil	Leq 15min 000001
LAeq	54.7 dB LAF10	54.2 <sup>®</sup>
LAE LAFmax	84.3dB LAF50 73.3dB LAF90	40.2 <sup>dB</sup> 36.2 <sup>dB</sup>
LAFmin	33.5 dB LAF95.0	35.7 <sup>®</sup>
LAF05	<b>59.9</b> <sub>dB</sub>	
	🔆 10/27 15:30:37 <b>(</b>	€ 10/27 15:30:37

	Noise Sampling R	ecord
	Inland Rail: Narrabri to No	rth Star
Chainage: 734	-25 Date & Time:	G:01AM 28/10/21. Adjacent to Sensitive Rec
Location:	A CROK East Side	Adiasetto Sensitive Roa
	I GOP Fast Side	nogaer in a since rec
Calibration	Pre-Measurement	Post-Measurement
Calibration Time:	5:50 Am .	
Calibration Level:	0.001111	
	End Time: <u>6:16 Am</u> 29-1227 150-3081	Duration: $15 \text{ MFN}$
Weather Conditions: Wind Speed: NFL/V Humidity:	Cloud Cover: Zeto.	_ Temperature:
Г	Results of Noise Quality Mo	
-		·2dB ·
	2	cab :
	3	
	4	
L	5	
Major Construction Noise Source(s) During Monitoring:	_ Coupe of utes	accessing site.
Other Noise Source(s) During Monitoring:	Birds Chirping	
Comments:		
Sampled By: Krist	ian Mancack Date:	28/10/21.
		File 3.
Revision No: 1 When printed thi Issue Date: 29/07/2021	is document is an uncontrolled version	



# Appendix E: Approx. Site Location (Co-ordinates)

Eastern P	Polygon
1	Lat: 29.12638° S
_	Lon: 150.30633° E
2	Lat: 29.12655° S
	Lon: 150.30694° E
3	Lat: 29.12912° S
-	Lon: 150.30579° E
4	Lat: 29.12893° S
-	Lon: 150.30521° E
Western	Polygon
1	Lat: 29.12544° S
	Lon: 150.30637° E
2	Lat: 29.12554° S
	Lon: 150.30666° E
3	Lat: 29.12724° S
	Lon: 150.30594° E
4	Lat: 29.12713° S
-	Lon: 150.30562° E

Minor Ancillary Facility Assessment - Croppa Creek South (Rev. 3)

Appendix F: Community and Stakeholder Engagement Material

# Temporary Croppa Creek Construction Materials Storage Area CONSULTATION FORM

Trans4m Rail will construct a temporary construction materials storage area south-east of the Buckie Road level crossing, Croppa Creek, from February 2022 that will contain construction items, site office facilities and machinery.

The works area will be adjacent to the rail alignment. Works to establish the area will occur between **7am and 6pm Monday to Sunday**, weather permitting.

The temporary storage area is required for the purpose of the Inland Rail construction and will be utilised as a minor storage facility, with a focus on ballast storage.

We ask you to please sign the enclosed form acknowledging that noise, traffic and vibration impacts may occur and that you're supportive of the proposal.

Name:	Address:
Phone:	_Email:
_	<i>ise, traffic and vibration impacts</i> associated with the Croppa he alignment), with works occurring between <b>7am and 6pm</b>
Monday to Sunday, and I support the propo	osal.
Sign:	
Date:	
Do you have additional comments or conc	cerns?

Please complete this form and return it to Trans4m Rail's Stakeholder Engagement Advisor, Laura Colley, by emailing <u>laura.colley@t4mr.com.au</u>. Should you like to arrange collection please phone **0437 380 045**.



# Establishing temporary Croppa Creek construction materials storage area



Trans4m Rail will construct a temporary construction materials storage area south-east of the Buckie Road level crossing, Croppa Creek, from February 2022 that will contain storage of ballast materials, construction items, site office facilities and machinery.

The works area will be adjacent to the rail alignment. Works to establish the area will occur between **7am** and **6pm Monday to Sunday**.

The site is located south of level crossing 918 and east of rail alignment. This is in addition to the storage site to the west of the alignment. Barriers will be installed along the west of the alignment boundary to mitigate impacts.

### What can I expect?

- Trucks and other vehicles will enter and exit the construction site via Buckie Road to the rail alignment
- Construction machinery and equipment operating
   on site
- Delivery of materials and equipment
- Motorists should follow traffic controls and drive with caution
- Some of these works will be noisy and mitigation measures will be in place.

#### Machinery used

Trucks, front end loaders, graders, dozers, rollers, stabilisers and water/vacuum excavation trucks will be used within the construction impact zone.

#### How we're managing impacts

- Installation of barriers for safety, noise and visual amenity
- Traffic control will be in place, where required
- Water carts will be on site to wet down areas to assist in managing dust.



Croppa Creek Laydown Site New Storage Material Site (in blue) Existing minor storage material site (in red) Construction impact zone (in green/yellow)

#### What will the storage area be used for?

- Caravan site office and portaloo facilities
- Storage of construction materials, including precast drainage and bridge components
- Light vehicle parking
- Stockpile of ballast materials
- Loading of materials to the ballast train

Thank you for your patience and cooperation while we carry out these works.

## Contact us

- J 1800 732 761
- 🛭 inlandrailnsw@artc.com.au
- ARTC Inland Rail, GPO Box 14, Sydney NSW 2001

# ARTC

The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC) in partnership with the private sector.

# **Minor Ancillary Facility Checklist**

### 1. Criteria for Minor Ancillary Facilities

The Project's Conditions of Approval (CoA) allows for the establishment and operation of Minor Ancillary Facilities on the Narrabri to North Star (N2NS) Project. Condition A21 states:

CoA A21 Facilities including lunch sheds, office sheds, material lay down sites, stockpile areas, areas used to assemble infrastructure, and portable toilet facilities can be established and operated where they satisfy the following criteria:

- (a) are located within the construction boundary; and
- (b) have been assessed by the ER to have
  - *i.* low amenity impacts to surrounding residences and businesses, after consideration of matters such as compliance with the interim Construction Noise Guideline (DECC, 2009), traffic and access impacts, dust and odour impacts and visual (including light) impacts, and
  - ii. Low environmental impact with respect to waste management and flooding, and
  - iii. No impacts on biodiversity, soil and water and heritage items beyond those already approved under the other terms of this approval.

This Minor Ancillary Facility Checklist has been prepared to assess the proposed Minor Ancillary Facility against the requirements of CoA A21 and all other environmental requirements. Mitigation measures have also been provided to ensure that any environmental risks or impacts to the Community are suitably managed.

These facilities will be located in accordance with the criteria listed in Table 2 and submitted to the Project's Environmental Representative (ER) for approval prior to site works commencing.

Site Name:	Minor Ancillary Facility (Edgeroi Laydown)
Location:	CH593.1 (Edgeroi, NSW)
Chainage:	CH593.1- CH593.3
Program*:	Construction: April 2022 Occupation: April 2022 – December 2022
Land Use:	RU1 – Primary Production (Source: Narrabri Shire Council LEP)
Footprint / Size:	<28,500m <sup>2</sup>
Use:	<ul> <li>Minor Ancillary Facility (Edgeroi Laydown) will be utilised for the following purposes:</li> <li>Trailer based (mobile) site office, port-o-loo and generator.</li> <li>Carparking for site personnel.</li> <li>General Storage</li> <li>Laydown and structures</li> <li>Top and Bottom Ballast (20t at any one time)</li> <li>Capping materials</li> </ul>
Site Surroundings:	<ul> <li>Minor Ancillary Facility (Edgeroi Laydown) is surrounded by:</li> <li>North: Rail Line, LX543, Caroona Ln, Edgeroi township, agricultural (cropping) land.</li> <li>East: Rail line, Newell Highway, sparsely vegetated land, and agricultural (cropping) land.</li> <li>South: Rail line, and agricultural (cropping) land.</li> </ul>

Table 1: Minor Ancillary Facility – Site Description

	<ul> <li>West: Agricultural (cropping) land.</li> <li>Access to Minor Ancillary Facility (Edgeroi Laydown) will be provided via Tarlee Road, off the Newell highway to CH593.35. Major public access gate will be constructed. See Appendix D.</li> </ul>
Site Establishment Process:	<ul> <li>The below sets out the scope of works for the proposed Minor Ancillary Facility:</li> <li>The proposed footprint of the MAF will be demarcated in the field using hivisibility flagging (or other approved method) and "No-Go Zone" signage.</li> <li>Topsoil will be stripped and utilised for erosion and sediment controls. The topsoil stockpiled / windrowed will be hand seeded.</li> <li>Establishment of the site's erosion and sediment controls will be progressively installed in accordance with the site's Progressive Erosion and Sediment Control Plan.</li> <li>Mobilisation of site facilities: The trailer based (caravan-style) site office, port-o-loo and generator will be mobilised to site.</li> <li>The site compound will be assessed in the field for visual impact to neighbouring sensitive receivers. If the visual impact is deemed moderate or high, ATF style fencing and screening will be installed.</li> <li>Unless specified in a TfNSW approval, anti-gawking screens will not be applied adjacent this MAF location.</li> </ul>

\*NOTE: Subject to weather and unexpected site conditions

#### Table 2: Minor Ancillary Facility - Criteria

Criteria	Compliant (Y) Yes (N) No	Comments
Located within the construction boundary as defined by the approval (CoA A21(a)).	Y	Minor Ancillary Facility (Edgeroi Laydown) occurs on land that occurs within the Project's Submission Preferred Infrastructure Report (SPIR) Construction Impact Zone and the CIZ – Construction WIP (20210909). Refer to Appendix A for the location.
Compliance with the Interim Construction Noise Guideline (CoA	Y	Nine (9) sensitive (residential) receivers were identified within 1km of the proposed MAF (Edgeroi Laydown) site.
A21(b)(i)		190.64m NNS_Rx0741
		350.90m NNS_Rx0742
		376.25m NNS_Rx0743
		323.96m NNS_Rx0744
		336.40m NNS_Rx0745
		420.01m NNS_Rx0746
		475.12m NNS_Rx0747
		435.49m NNS_Rx0748
		502.27m NNS_Rx0749
		The TfNSW Noise Estimator Tool was used to predict the anticipated noise impact associated with the site establishment of the proposed MAF (Edgeroi Laydown). One

Criteria	Compliant (Y) Yes (N) No	Comments
		(1) noise scenario was run representing worse possible case scenario (i.e. the most noise intensive activity – site establishment) NOTE: The noise assessment assumes all plant / equipment will be operating simultaneously and operating at the nearest boundary to the landholder. The scenario being:
		Scenario 1: MAF establishment (i.e Grader, Tracked Excavator, Delivery Truck).
		The extracts from the noise model are provided in Appendix C.
		The findings of the noise assessment can be summarised by the following:
		- Sensitive receivers are located at the following locations:
		<ul> <li>NN3_Rx0747, located 475.12m North-East of the MAF. This Sensitive Receiver is expected to experience noise impacts of 44dB, which is 4dB</li> </ul>
		<ul> <li>above the daytime NML for the project.</li> <li>NN3_Rx0748, located 435.49m North-East of the MAF. This Sensitive Receiver is expected to</li> </ul>
		<ul> <li>experience noise impacts of 45dB, which is 5dB above the daytime NML for the project.</li> <li>NN3_Rx0749, located 502.27m North-East of the MAF. This Sensitive Receiver is expected to</li> </ul>

Criteria	Compliant (Y) Yes (N) No	Comments
		experience noise impacts of 43dB, which is 7dB above the daytime NML for the project.
		- The noise assessment also identified that no sensitive receivers will be highly noise impacted (>75dB) by the works.
		Prior to site establishment works commencing, all potentially impacted landholder/s will be consulted regarding potential noise impacts associated with the establishment and operation of MAF (Edgeroi Laydown).
At least 50m from watercourses and outside the 5% AEP flood zone	Y	The proposed MAF (Edgeroi Laydown) is located approximately 371.04m North of Tarlee Creek.
(CoA A21(b)(ii))		The proposed MAF (Edgeroi Laydown) site is outside the area impacted by the existing 5% AEP local (blue highlighted in Appendix A).
Not within areas identified as threatened communities or species	Y	Approximately <28,500m <sup>2</sup> (~100%) of the proposed MAF (Edgeroi Laydown) site is mapped as - Zone 0 - Cleared/Non-native Vegetation
habitats beyond those already approved under the terms of the project approval (CoA A21(b)(iii)		All vegetation within the SPIR CIZ has been accounted for within the clearing limits detailed in CoA Table E1 and will be offset in accordance with ARTC's Biodiversity Offset Strategy.
No significant impacts to utilities, primarily gas and electricity	Y	The establishment and operation of MAF (Edgeroi Laydown) will not result in significant impacts to existing gas, electrical, water or communications utilities.
Not on or near sites with known Aboriginal or non- Aboriginal heritage (CoA A21(b)(iii)	Y	No areas or items of Aboriginal or non-Aboriginal significance have been identified within the area impacted by the proposed MAF (Edgeroi Laydown) site.
		The Aboriginal Cultural Heritage Management Plan, Narrabri to North Star – Separable Portion 1 (N2NS SP1), dated 18th December 2020 has been reviewed and there are no areas or items that require further salvage or survey.
Safe access to the road network and rail corridor and low impacts on traffic and access (CoA	Y	Access to Minor Ancillary Facility (Edgeroi Laydown) will be provided via Tarlee Road, off the Newell highway to CH593.35. Major public access gate will be constructed. See Appendix D.
A21(b)(i)		The Stage 1 Construction Traffic Management Sub Plan (TMP) has been prepared and approved by TfNSW. The TMP includes the upgrade of 10 Major and 18 Minor Construction Gates within Stage 1 in accordance with a TfNSW approved RoadNet Design. These construction gates will be used to access the MAFs within Stage 1.
Relatively flat land	Y	Minor Ancillary Facility (Edgeroi Laydown) is located on relatively flat land with <1m fall across the site.

Criteria	Compliant (Y) Yes (N) No	Comments
Low environmental impact with respect to waste management and flooding (CoA A21(b)(ii)	Y	The establishment and operation of the proposed MAF (Edgeroi Laydown) will generate minor waste volumes. These waste streams will generally consist of the following: • Wastewater • Wastepaper / cardboard • Rubbish and debris • Food waste The volumes of waste generated will be reduced and reuse will be maximised by implementing the mitigation measures detailed in Section 2 below. Flooding risk has been addressed above.
No impacts on biodiversity, soil and water, and heritage items beyond those already approved under SSI 7474 approval (CoA A21(b)(iii)	Y	The environmental impacts associated with the establishment and operation of Minor Ancillary Facility (Edgeroi Laydown) are considered minor and consistent with those impacts approved under SSI 7474.
Boundary screening around all facilities adjacent to and visible from sensitive receivers for the duration of use of the ancillary facility unless otherwise agreed with the relevant council and affected residents, business operators or landowners (COA A22)	Y	Minor Ancillary Facility (Edgeroi Laydown) will be assessed for visual impact from any surrounding sensitive receivers. Screening will be applied where the MAF site represents a moderate to high visual impact. Anti-gawking screens will be applied were required by a TfNSW Approval.

A locational map, environmental constraints and co-ordinates have been provided in Appendix A and B.

# 2. Mitigation Measures

Based on the site details and environmental constraints identified in Table 1 and Table 2 above, the key environmental risks associated with the establishment and operation of the Minor Ancillary Facility (Edgeroi Laydown) include:

- Dust and associated impacts to air quality resulting from access and use; and
- Noise impacts to surrounding sensitive receivers.

With the implementation of the mitigation measures detailed in Table 3 below, these impacts are considered to be minor and consistent with those impacts assessed and approved under CSSI 7474.

### Table 3: Minor Ancillary Facility – Mitigation Measures

	Measure/Requirement	Responsibility	Timing/ frequency
1)	Site inductions will include the following specific components for biodiversity, noise, dust, surface water, erosion & sediment control management:	Environmental Manager	Pre- construction
	<ul> <li>Awareness of General Environmental Duty and Duty to Notify, (legislative obligations)</li> </ul>		

	Measure/Requirement	Responsibility	Timing/ frequency
	<ul> <li>The requirement for erosion and sediment control devices to be implemented and maintained in accordance with the Erosion &amp; Sediment Control Plan</li> <li>Waste Management</li> <li>The mapped, native vegetation occurring within and adjacent the site and the significance of the TEC.</li> <li>The No-Go Zones for the MAF, incl. the significance of this control and the environmental constraints it's protecting i.e. mapped TEC, threatened species, etc.</li> <li>Hours of operation.</li> <li>General noise related mitigation measures.</li> </ul>		
2)	Progressive Erosion and Sediment Control Plans (PESCPs) will be developed by Trans4m Rail Environmental Coordinators and reviewed by a CPESC throughout the site establishment phase.	Environmental Manager	Pre- construction
3)	Controls must be in place to prevent tracking dirt and mud onto roads. These will be detailed in the CPESC Approved ESCP.	Construction Supervisor	Construction
4)	Spoil, mud or the like spilt onto sealed roads to be removed within 24hrs or before end of shift (5pm AEDT if Newell HWY is affected) through use of a street sweeper or other means. Controls to minimise mud-tracking onto public roads will generally include rumble grids (i.e. similar to Pad 2), stabilised site access (i.e. rock, gravels, etc) or sheeting of the MAF with clean rock material (i.e. similar to Pad 4).	Construction Supervisor	Construction
5)	Mobile plant and vehicles, including deliveries must use designated travel routes, site access routes, site access tracks and lay down areas.	Construction Supervisor	Construction
6)	Any activities requiring the discharge of construction water off site will be undertaken in accordance with the PESCP.	All personnel / Environmental Manager	Construction
7)	Slashing limits (incl. vegetation to be retained) must be clearly identified and physically demarcated on-site. Slashing, clearing or other ground disturbance activities must not occur outside these areas unless otherwise approved in writing by the Environment Manager, or suitable delegate.	Construction Supervisor	Construction
8)	Groundcover to be re-established as soon as practicable to prevent erosion during construction.	Construction Supervisor	Construction
9)	In the event that an area or item of heritage significance, threatened species, contaminated material or asbestos containing materials (ACM) are discovered or suspected on-site, then all works affecting the find must cease immediately, the area secured and relevant Trans4m Rail's Unexpected Finds Procedure / Protocol will be implemented. Trans4m Rail's Environmental Manager (or delegate), ARTC and the Project Environmental Representative must be immediately notified of any unexpected finds. Other stakeholders (e.g. NSW EPA, OEH, DPIE, WaterNSW, Council, local landholders, etc) may also be notified depending on the nature and scale of the unexpected find.	All personnel / Construction Supervisor	Construction
10)	Any spills or leaks of chemicals, fuels, oils, effluent or any other hazardous substance that occurs during site establishment must be managed and reported in accordance with Trans4m Rail's Environmental Incident Response and Reporting Procedure.	All personnel / Construction Supervisor	Construction
11)	Refuelling activities must always be closely supervised. Plant and equipment being refuelled must not be left unattended for any period of time.	All personnel / Construction Supervisor	Construction

	Measure/Requirement	Responsibility	Timing/
			frequency
12)	The land on which ancillary facilities, laydowns areas, access tracks and all other temporary works are located shall be rehabilitated to at least their pre-construction condition or better, unless otherwise agreed by the landowner.	Construction Supervisor	Construction
13)	Weather forecast will be reviewed daily (via http://www.bom.gov.au/) and additional measures implemented where unfavourable weather conditions (i.e. hot, dry weather, high wind speed (>10m/s)) are anticipated. Measures to be implemented during unfavourable weather conditions may include a reduction of speed, a modified construction methodology, alternative plant and equipment, altering the scheduled works or program for the day, additional water carts or ceasing dust generating activities until conditions are more favourable. Dust will be monitored and managed in accordance with the mitigation measures detailed in Project's CSWMP. In addition to this, the following measures will be undertaken; -Where practical, the MAF carpark and trafficked areas will be sheeted with clean rock / gravel material. -Increased training and surveillance of dust by key Project personnel (i.e. Superintendents, Supervisors, Operators etc). -Stockpiling and material handling will be avoided in MAFs adjacent the Newell Hwy. -Long term stockpiles (>1 month) will be compacted using an excavator bucket and soil binder applied (where practicable). -Where practicable, soil binder will be used on highly trafficked areas. -Material i.e. gravel, ballast, etc will be watered down prior to loading, handling and movement.	Environmental Manager / Construction Supervisor	Construction
14)	<ul> <li>The following dust control measures will be utilised to suppress dust being generated from access roads, laydown areas, ancillary facilities and all other exposed surfaces; water application via watercarts and alternative means (i.e. sprinklers, hoses), sealing or stabilisation of highly trafficked areas, dust screens, application of geofabric or jute mat or the application of soil binding agents.</li> <li>The frequency of use will be modified depending on the prevailing wind and weather conditions.</li> <li>If dust impacts the Newell HWY at any stage, all works will cease until causation has been rectified.</li> </ul>	Construction Supervisor	Construction
15)	Exhaust systems of construction plant, vehicles and machinery will be maintained in accordance with manufacturer's specifications to ensure that emissions do not exceed EPA regulations. Periodic visual checks will be undertaken daily.	Construction Supervisor	Construction
16)	Waste will be segregated and collected on a regular basis to ensure odours associated with waste do not become an issue to surrounding sensitive receivers. All waste will be collected and disposed of at a licensed facility.	All personnel	Construction
17)	All works will be undertaken in accordance with the standard construction hours detailed in Condition of Approval E1.	Construction Supervisor	Construction
18)	Notification undertaken during construction would inform relevant stakeholders of the work locations and timing, and the potential for noise impacts.	Community Engagement Team	Construction
19)	Boundary screening will be erected if a site inspection determines that the MAF could significantly impact sensitive receivers.	Environment Manager / Construction Supervisor	Construction

### 3. Certification

This Minor Ancillary Facility Checklist provides a true and fair review of the proposed activity for the Inland Rail N2NS upgrade project.

Signed:

Name: Maggie Wilton

Position: Trans4m Rail Enviro & Sustainability Admin Assistant

Date: 13/04/2022

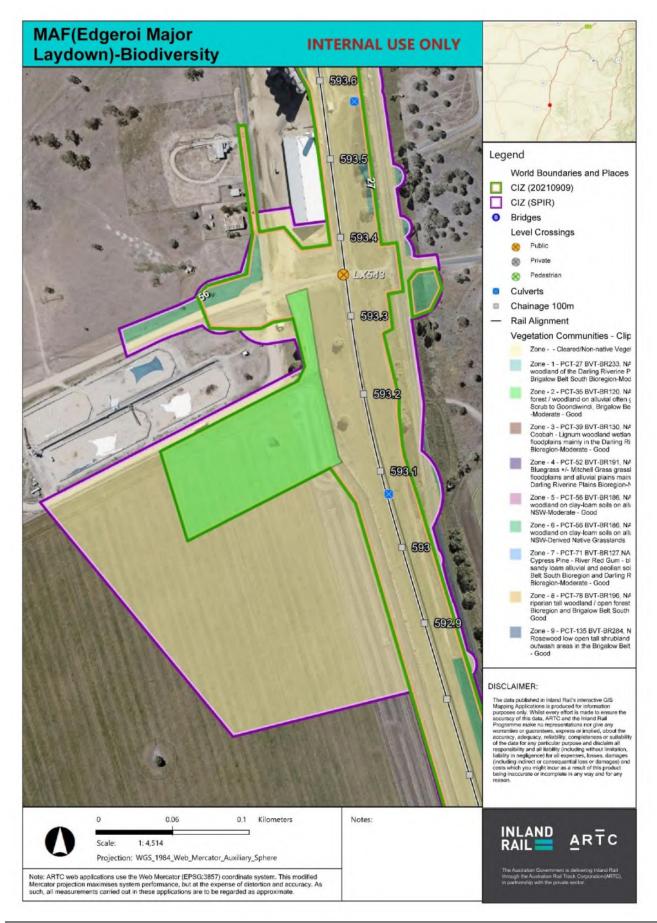
Signed:

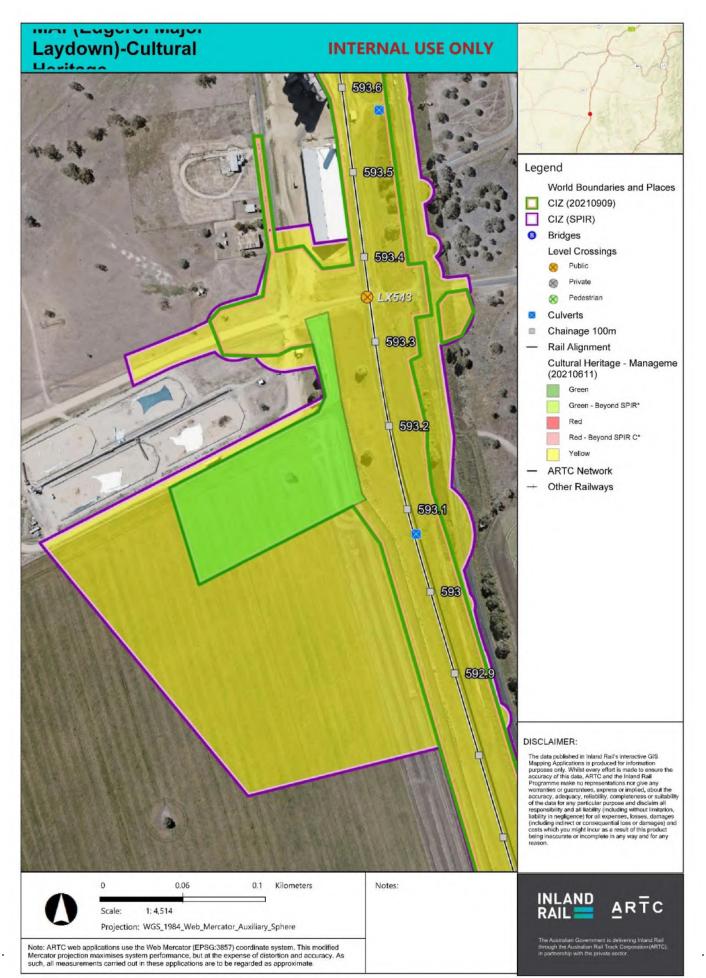
Name: Steve Fermio

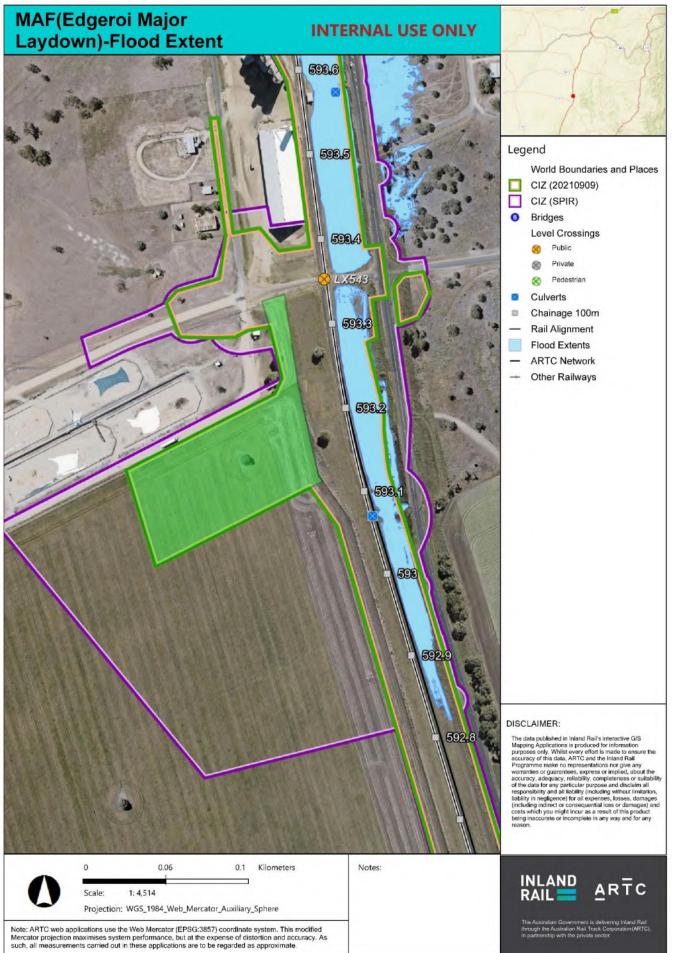
Position: Environmental Representative

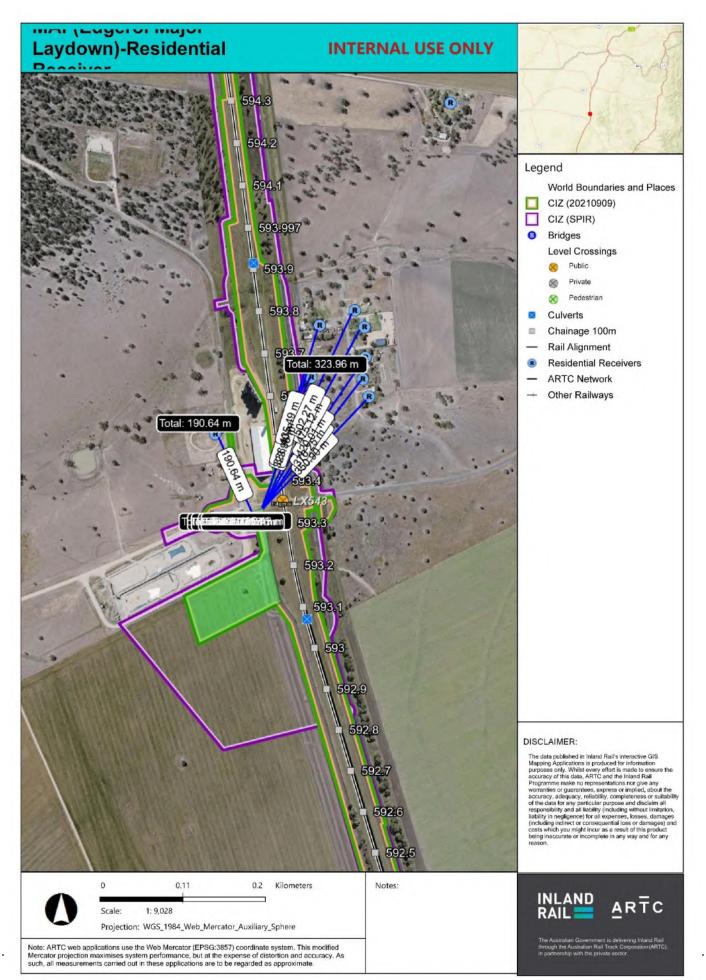
Date: 13 / 4 /2022

# Appendix A: Site Location (incl. Environmentally Sensitive Areas)









# **Appendix B: Site Location (Co-ordinates)**

1	Lat: 30.11763° S
-	Lon: 149.79811° E
2	Lat: 30.11941° S
_	Lon: 149.79622° E
3	Lat: 30.12039° S
5	Lon: 149.79657° E
4	Lat: 30.11956° S
•	Lon: 149.79863° E

Minor Ancillary Facility Checklist - (Edgeroi Laydown) - Rev. 1

# **Appendix C: Noise Estimator**

# Appendix D: Vehicle Movement Plan (VMP)

# 

#### Plan Principles

#### Requirements working in and around Mobile Plant:

- The work area is designed to eliminate the need for workers, light vehicles or other mobile plant to enter any Plant Operating Zone (POZ).
- Fencing to be positioned to stop mobile plant from accidently moving into an area where there are people.
- Pedestrian barriers to prevent people entering the POZ
- Mobile plant temporarily halted prior to a worker entering the POZ.

#### VMP Details

#### Emergency Contacts:

Greg Hopkins – Gen. Super. – 0428 051 699 Adam Boston – Safety Manager – 0436 844 608

#### Emergency Response Team:

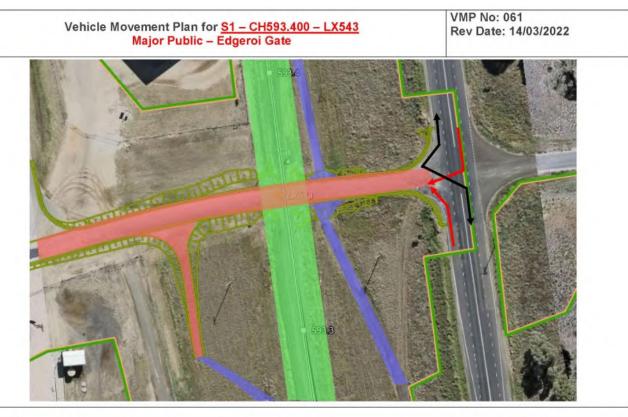
Greg Hopkins – ER Warden – 0428 051 699 Dave Rumble – Com Officer – 0427 291 859

#### First Aid Aider:

Logond

Robert White - EW Super. - 0447 679 053

- Entry and exit points displayed.
- Project road rules, including speed limits, give way; stop and traffic direction etc. must be adhered to at all times
- Site wide speed limit is 40km/h unless signposted otherwise
  Prior to entering site, personnel are to be briefed
- by the relevant worksite supervisor on current site conditions
   Driver must not use any route to enter or exit site
- Driver must not use any route to enter or exit site other than that shown on the diagram
- Pedestrian Access only permitted in work area with approval of Supervisor and Positive Comms



					Plan approval/acceptance	Plan Date: 11/03/2022
	Public Access		Alignment Access	Main Alignment Works Zone	Supervisor: Ian Lambert – Earthworks Supervisor – 0427 276 643 Scott Karabel – Earthworks Supervisor – 0418 468 530 UHF Channel:	Signature:
1	All Traffic IN	1	All Traffic OUT		<ul> <li>VMP must be briefed to all members of the work group at the Prest.</li> <li>Changing conditions (e.g., new, or extra work group, new work area</li> <li>VMP is Mandatory to all works areas and must be approved prior to</li> <li>Ensure vehicles do not obstruct highway or level crossing when trans</li> <li>Pedestrian Access will be finalised on site.</li> </ul>	) must be captured, plan amended, and changes agreed. works commencing.

# **Minor Ancillary Facility Checklist**

### 1. Criteria for Minor Ancillary Facilities

The Project's Conditions of Approval (CoA) allows for the establishment and operation of Minor Ancillary Facilities on the Narrabri to North Star (N2NS) Project. Condition A21 states:

CoA A21 Facilities including lunch sheds, office sheds, material lay down sites, stockpile areas, areas used to assemble infrastructure, and portable toilet facilities can be established and operated where they satisfy the following criteria:

- (a) are located within the construction boundary; and
- (b) have been assessed by the ER to have
  - *i.* low amenity impacts to surrounding residences and businesses, after consideration of matters such as compliance with the interim Construction Noise Guideline (DECC, 2009), traffic and access impacts, dust and odour impacts and visual (including light) impacts, and
  - ii. Low environmental impact with respect to waste management and flooding, and
  - iii. No impacts on biodiversity, soil and water and heritage items beyond those already approved under the other terms of this approval.

This Minor Ancillary Facility Checklist has been prepared to assess the proposed Minor Ancillary Facility against the requirements of CoA A21 and all other environmental requirements. Mitigation measures have also been provided to ensure that any environmental risks or impacts to the Community are suitably managed.

These facilities will be located in accordance with the criteria listed in Table 2 and submitted to the Project's Environmental Representative (ER) for approval prior to site works commencing.

Site Name:	Minor Ancillary Facility (Galathera Lane)		
Location:	CH598.6 (Edgeroi, NSW)		
Chainage:	CH598.6 – CH598.67		
Program*:	Construction: April 2022 Occupation: April 2022 – December 2022		
Land Use:	Rail Alignment		
Footprint / Size:	<2,100m <sup>2</sup>		
Use:	<ul> <li>Minor Ancillary Facility (Galathera Lane) will be utilised for the following purposes:</li> <li>Trailer based (mobile) site office, port-o-loo and generator.</li> <li>Carparking for site personnel.</li> <li>General Storage and laydown of construction equipment</li> </ul>		
Site Surroundings:	<ul> <li>Minor Ancillary Facility (Galathera Lane) is surrounded by:</li> <li>North: Rail Line, Newell Highway, sparsely vegetated land, and agricultural (cropping) land.</li> <li>East: Newell Highway, sparsely vegetated land, agricultural (cropping) land, and sensitive (residential) receivers.</li> <li>South: LX544, rail line, Newell Highway, sparsely vegetated land, and agricultural (cropping) land.</li> <li>West: Rail line, sensitive (residential) receivers, sparsely vegetated land, and agricultural (cropping) land.</li> </ul>		

#### Table 1: Minor Ancillary Facility – Site Description

	Access to Minor Ancillary Facility (Galathera Lane) will be provided via Galathera Lane Newell highway to CH598.6 south of the MAF. Entry/Exit will be operated as per Vehicle Movement Plan in Appendix D, facilitated un TfNSW Road Occupancy Licence, detailed in Appendix E	
Site Establishment Process:	<ul> <li>The below sets out the scope of works for the proposed Minor Ancillary Facility:</li> <li>The proposed footprint of the MAF will be demarcated in the field using hivisibility flagging (or other approved method) and "No-Go Zone" signage.</li> <li>Topsoil will be stripped and utilised for erosion and sediment controls. The topsoil stockpiled / windrowed will be hand seeded.</li> <li>Establishment of the site's erosion and sediment controls will be progressively installed in accordance with the site's Progressive Erosion and Sediment Control Plan.</li> <li>Mobilisation of site facilities: The trailer based (caravan-style) site office, port-oloo and generator will be mobilised to site.</li> <li>The site compound will be assessed in the field for visual impact to neighbouring sensitive receivers. If the visual impact is deemed moderate or high, ATF style fencing and screening will be installed.</li> <li>NOTE: No bulk earthworks are required for the establishment of MAF (Galathera Lane).</li> </ul>	

\*NOTE: Subject to weather and unexpected site conditions

#### Table 2: Minor Ancillary Facility - Criteria

Criteria	Compliant (Y) Yes (N) No	Comments
Located within the construction boundary as defined by the approval (CoA A21(a)).	Y	Minor Ancillary Facility (Galathera Lane) occurs on land that occurs within the Project's Submission Preferred Infrastructure Report (SPIR) Construction Impact Zone and the CIZ – Construction WIP (20210909). Refer to Appendix A for the location.
Compliance with the Interim Construction Noise Guideline (CoA	Y	Four sensitive (residential) receivers were identified within 1km of the proposed MAF (Galathera Lane) site.
A21(b)(i)		357.28m NNS_Rx0754
	398.7m NNS_Rx0757	
		602.82m NNS_Rx0756
		978.84m NNS_Rx0755
		The TfNSW Noise Estimator Tool was used to predict the anticipated noise impact associated with the establishment of the proposed MAF (Galathera Lane). One (1) noise scenario was run representing worse possible case scenario (i.e. the most noise intensive activity – site establishment) NOTE: The noise assessment assumes all plant / equipment will be operating simultaneously and operating at the nearest boundary to the landholder. The scenario being:
		Scenario 1: MAF Site Establishment (i.e. grader, delivery truck and tracked excavator)
		The extracts from the noise model are provided in Appendix C.

Criteria	Compliant (Y) Yes (N) No	Comments
		The findings of the noise assessment can be summarised by the following:
		<ul> <li>Sensitive receivers are located at the following locations:         <ul> <li>CH598.9 (NN3_Rx0754), located 357m East of the proposed MAF. This sensitive receiver is expected to experience noise impacts of 47dB, which is 7dB higher than the daytime NML for the Project. Refer to Appendix C.</li> <li>CH598.9 (NNS_Rx0757), located 398.7m North-West of the proposed MAF. This sensitive receiver is expected to experience noise impacts of 46dB, which is 6dB higher than the daytime NML for the project.</li> </ul> </li> <li>The noise assessment also identified that no sensitive receivers will be highly noise impacted (&gt;75dB) by the works.</li> <li>Prior to site establishment works commencing, all potentially impacted landholder/s will be consulted regarding potential noise impacts associated with the establishment and operation of MAF (Galathera Lane).</li> </ul>
At least 50m from watercourses and outside the 5% AEP flood zone (CoA A21(b)(ii))	Y	The proposed MAF (Galathera Lane) is located approximately 1,180m North-West of an unnamed ephemeral creek, approximately 565m South-East of a private storage dam, and approximately 707m North-East of a private storage dam. The proposed MAF (Galathera Lane) site is outside the area impacted by the existing 5% AEP local (blue highlighted in
Not within areas identified as threatened communities or species habitats beyond those already approved under the terms of the project approval (CoA A21(b)(iii)	Y	<ul> <li>Appendix A).</li> <li>Approximately &lt;1,900m<sup>2</sup> (~90%) of the proposed MAF (Galathera Lane) site is mapped as <ul> <li>Zone 6 - PCT-56 BVT-BR186, NA182-Poplar Box - Belah woodland on clay-loam soils on alluvial plains of northcentral NSW</li> </ul> </li> <li>Approximately &lt;200m<sup>2</sup> (~10%) of the proposed MAF (Galathera Lane) site is mapped as <ul> <li>Zone 0 – Cleared/Non-native Vegetation</li> </ul> </li> <li>All vegetation within the SPIR CIZ has been accounted for within the clearing limits detailed in CoA Table E1 and will be offset in accordance with ARTC's Biodiversity Offset Strategy.</li> </ul>
No significant impacts to utilities, primarily gas and electricity	Y	The establishment and operation of MAF (Galathera Lane) will not result in significant impacts to existing gas, electrical, water or communications utilities.
Not on or near sites with known Aboriginal or non- Aboriginal heritage (CoA A21(b)(iii)	Y	No areas or items of Aboriginal or non-Aboriginal significance have been identified within the area impacted by the proposed MAF (Galathera Lane) site. The Aboriginal Cultural Heritage Management Plan, Narrabri to North Star – Separable Portion 1 (N2NS SP1), dated 18th

Criteria	Compliant (Y) Yes (N) No	Comments
		December 2020 has been reviewed and there are no areas or items that require further salvage or survey.
Safe access to the road network and rail corridor and low impacts on traffic and access (CoA A21(b)(i)	Y	Access to Minor Ancillary Facility (Galathera Lane) will be available South of the MAF (Galathera lane) site at LX554, (CH598.6) via Galathera Lane off Newell Highway. Entry/Exit will be operated as per Vehicle Movement Plan in
		Appendix D, facilitated under TfNSW Road Occupancy Licence, detailed in Appendix E
Relatively flat land	Y	Minor Ancillary Facility (Galathera Lane) is located on relatively flat land with <1m fall across the site.
Low environmental impact with respect to waste management and flooding (CoA A21(b)(ii)	Y	<ul> <li>The establishment and operation of the proposed MAF (Galathera Lane) will generate minor waste volumes. These waste streams will generally consist of the following:</li> <li>Wastewater</li> </ul>
		<ul> <li>Wastepaper / cardboard</li> <li>Rubbish and debris</li> <li>Food waste</li> </ul>
		The volumes of waste generated will be reduced and reuse will be maximised by implementing the mitigation measures detailed in Section 2 below.
		Flooding risk has been addressed above.
No impacts on biodiversity, soil and water, and heritage items beyond those already approved under SSI 7474 approval (CoA A21(b)(iii)	Y	The environmental impacts associated with the establishment and operation of Minor Ancillary Facility (Galathera Lane) are considered minor and consistent with those impacts approved under SSI 7474.
Boundary screening around all facilities adjacent to and visible from sensitive	Y	Minor Ancillary Facility (Galathera Lane) will be assessed for visual impact from any surrounding sensitive receivers. Screening will be applied where the MAF site represents a moderate to high visual impact.
receivers for the duration of use of the ancillary facility unless otherwise agreed with the relevant council and affected residents, business operators or landowners (COA A22)		Anti-gawking screens will be applied were required by a TfNSW approval.

A locational map, environmental constraints and co-ordinates have been provided in Appendix A and B.

## 2. Mitigation Measures

Based on the site details and environmental constraints identified in Table 1 and Table 2 above, the key environmental risks associated with the establishment and operation of the Minor Ancillary Facility (Galathera Lane) include:

- Dust and associated impacts to air quality resulting from access and use;
- Mud tracking onto public roads associated with access and use of the MAF; and
- Noise impacts to surrounding sensitive receivers.

With the implementation of the mitigation measures detailed in Table 3 below, these impacts are considered to be minor and consistent with those impacts assessed and approved under CSSI 7474.

Table 3: Minor Ancillary Facility – Mitigation Measures

	Measure/Requirement	Responsibility	Timing/ frequency	
1)	<ul> <li>Site inductions will include the following specific components for biodiversity, noise, dust, surface water, erosion &amp; sediment control management: <ul> <li>Awareness of General Environmental Duty and Duty to Notify, (legislative obligations)</li> <li>The requirement for erosion and sediment control devices to be implemented and maintained in accordance with the Erosion &amp; Sediment Control Plan</li> <li>Waste Management</li> <li>The mapped, native vegetation occurring within and adjacent the site and the significance of the TEC.</li> <li>The No-Go Zones for the Project, incl. the significance of this control and the environmental constraints it's protecting i.e. mapped TEC, threatened species, etc.</li> </ul> </li> </ul>	Environmental Manager	Pre- construction	
2)	<ul> <li>General noise related mitigation measures.</li> <li>Progressive Erosion and Sediment Control Plans (PESCPs) will be developed by Trans4m Rail's CPESC throughout the site establishment phase.</li> </ul>	Environmental Manager	Pre- construction	
3)	Controls must be in place to prevent tracking dirt and mud onto roads.	Construction Supervisor	Construction	
4)	Spoil, mud or the like spilt onto sealed roads to be removed within 24hrs or before end of shift (5pm AEDT if Newell HWY is affected) through use of a street sweeper or other means. Controls to minimise mud-tracking onto public roads will generally include rumble grids (i.e. similar to Pad 2), stabilised site access (i.e. rock, gravels, etc) or sheeting of the MAF with clean rock material (i.e. similar to Pad 4).	Construction Supervisor	Construction	
5)	Mobile plant and vehicles, including deliveries must use designated travel routes, site access routes, site access tracks and lay down areas.	Construction Supervisor	Construction	
6)	Any activities requiring the discharge of construction water off site will be undertaken in accordance with the PESCP.	All personnel / Environmental Manager	Construction	
7)	Slashing limits (incl. vegetation to be retained) must be clearly identified and physically demarcated on-site. Slashing, clearing or other ground disturbance activities must not occur outside these areas unless otherwise approved in writing by the Environment Manager, or suitable delegate.	Construction Supervisor	Construction	
8)	Groundcover to be re-established as soon as practicable to prevent erosion during construction.	Construction Supervisor	Construction	
9)	In the event that an area or item of heritage significance, threatened species, contaminated material or asbestos containing materials (ACM) are discovered or suspected on-site, then all works affecting the find must cease immediately, the area secured and relevant Trans4m Rail's Unexpected Finds Procedure / Protocol will be implemented. Trans4m Rail's Environmental Manager (or delegate), ARTC and the Project Environmental Representative must be immediately notified of any unexpected finds. Other stakeholders (e.g. NSW EPA, OEH, DPIE, WaterNSW, Council, local landholders, etc) may	All personnel / Construction Supervisor	Construction	

	Measure/Requirement	Responsibility	Timing/ frequency
	also be notified depending on the nature and scale of the unexpected find.		
10)	Any spills or leaks of chemicals, fuels, oils, effluent or any other hazardous substance that occurs during site establishment must be managed and reported in accordance with Trans4m Rail's Environmental Incident Response and Reporting Procedure.	All personnel / Construction Supervisor	Construction
11)	Refuelling activities must always be closely supervised. Plant and equipment being refuelled must not be left unattended for any period of time.	All personnel / Construction Supervisor	Construction
12)	The land on which ancillary facilities, laydowns areas, access tracks and all other temporary works are located shall be rehabilitated to at least their pre-construction condition or better, unless otherwise agreed by the landowner.	Construction Supervisor	Construction
13)	<ul> <li>Weather forecast will be reviewed daily (via http://www.bom.gov.au/) and additional measures implemented where unfavourable weather conditions (i.e. hot, dry weather, high wind speed (&gt;10m/s)) are anticipated. Measures to be implemented during unfavourable weather conditions may include a reduction of speed, a modified construction methodology, alternative plant and equipment, altering the scheduled works or program for the day, additional water carts or ceasing dust generating activities until conditions are more favourable.</li> <li>Dust will be monitored and managed in accordance with the mitigation measures detailed in Project's CSWMP.</li> <li>In addition to this, the following measures will be undertaken;</li> <li>-Where practical, the MAF carpark and trafficked areas will be sheeted with clean rock / gravel material.</li> <li>-Increased training and surveillance of dust by key Project personnel (i.e. Superintendents, Supervisors, Operators etc).</li> <li>Stockpiling and material handling will be avoided in MAFs adjacent the Newell Hwy.</li> <li>-Long term stockpiles (&gt;1 month) will be compacted using an excavator bucket and soil binder applied (where practicable).</li> <li>-Where practicable, soil binder will be used on highly trafficked areas.</li> <li>-Material i.e. gravel, ballast, etc will be watered down prior to loading, handling and movement.</li> </ul>	Environmental Manager / Construction Supervisor	Construction
14)	The following dust control measures will be utilised to suppress dust being generated from access roads, laydown areas, ancillary facilities and all other exposed surfaces; water application via watercarts and alternative means (i.e. sprinklers, hoses), sealing or stabilisation of highly trafficked areas, dust screens, application of geofabric or jute mat or the application of soil binding agents. The frequency of use will be modified depending on the prevailing wind and weather conditions. <i>If dust impacts the Newell HWY at any stage, all works will cease until causation has been rectified.</i>	Construction Supervisor	Construction
15)	Exhaust systems of construction plant, vehicles and machinery will be maintained in accordance with manufacturer's specifications to ensure that emissions do not exceed EPA regulations. Periodic visual checks will be undertaken daily.	Construction Supervisor	Construction
16)	Waste will be segregated and collected on a regular basis to ensure odours associated with waste do not become an issue to	All personnel	Construction

Minor Ancillary Facility Checklist - (Galathera Lane) - Rev. 2

	Measure/Requirement	Responsibility	Timing/ frequency
	surrounding sensitive receivers. All waste will be collected and disposed of at a licensed facility.		
17)	All works will be undertaken in accordance with the standard construction hours detailed in Condition of Approval E1.	Construction Supervisor	Construction
18)	Notification undertaken during construction would inform relevant stakeholders of the work locations and timing, and the potential for noise impacts.	Community Engagement Team	Construction
19)	Boundary screening will be erected if a site inspection determines that the MAF could significantly impact sensitive receivers. Anti-gawking screens will be applied where required by a TfNSW Approval.	Environment Manager / Construction Supervisor	Construction

### 3. Certification

This Minor Ancillary Facility Checklist provides a true and fair review of the proposed activity for the Inland Rail N2NS upgrade project.

Signed:

Name: Maggie Wilton

Position: Trans4m Rail Environment and Sustainability Admin Assistant

Date: 04/03/2022

Signed:

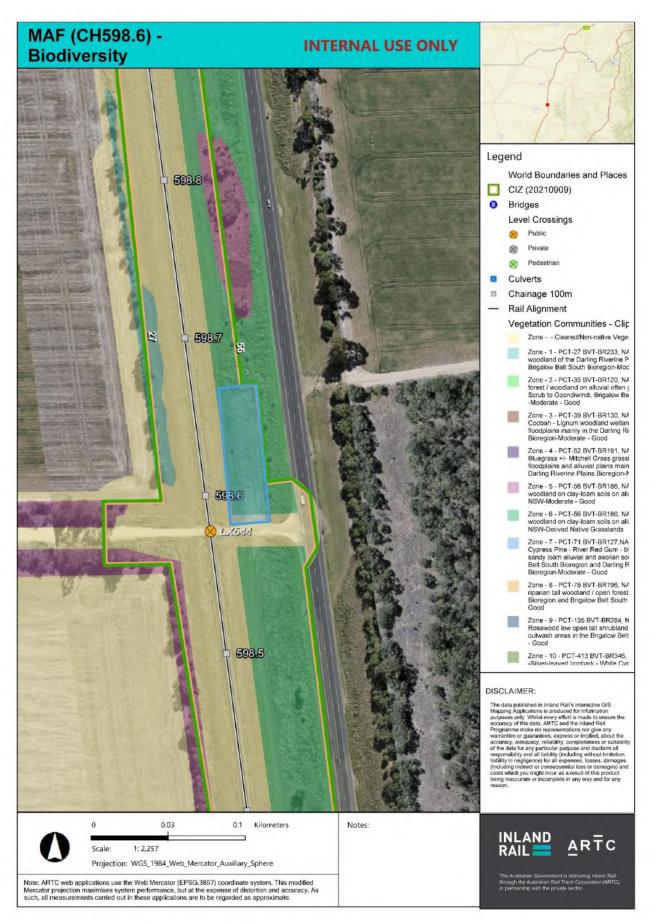
Name: Steve Fermio

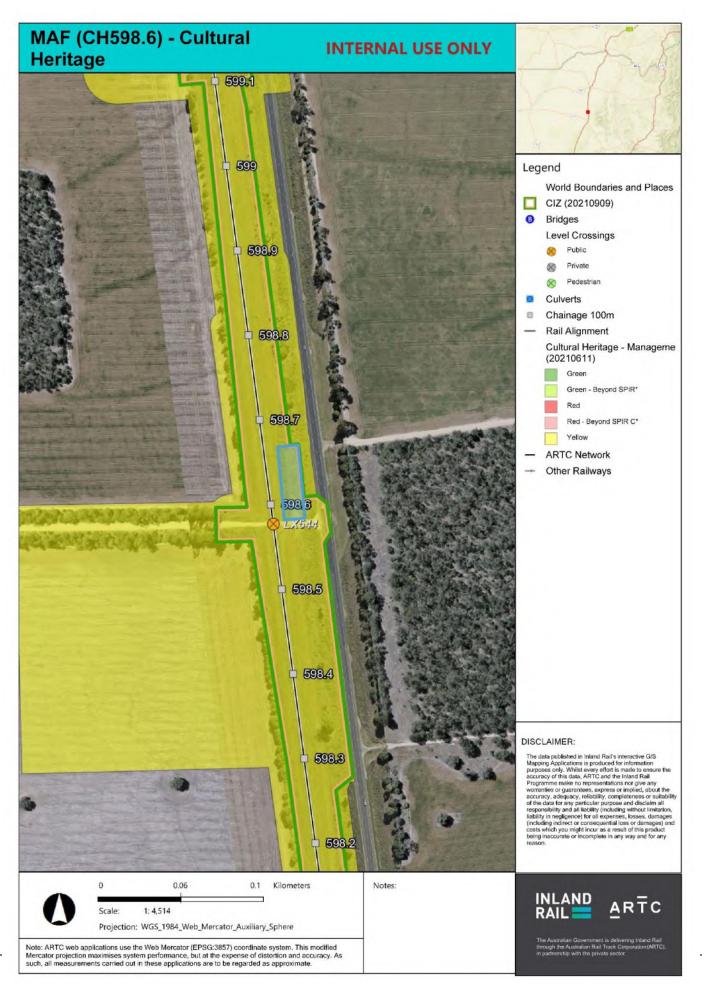
Position: Environmental Representative

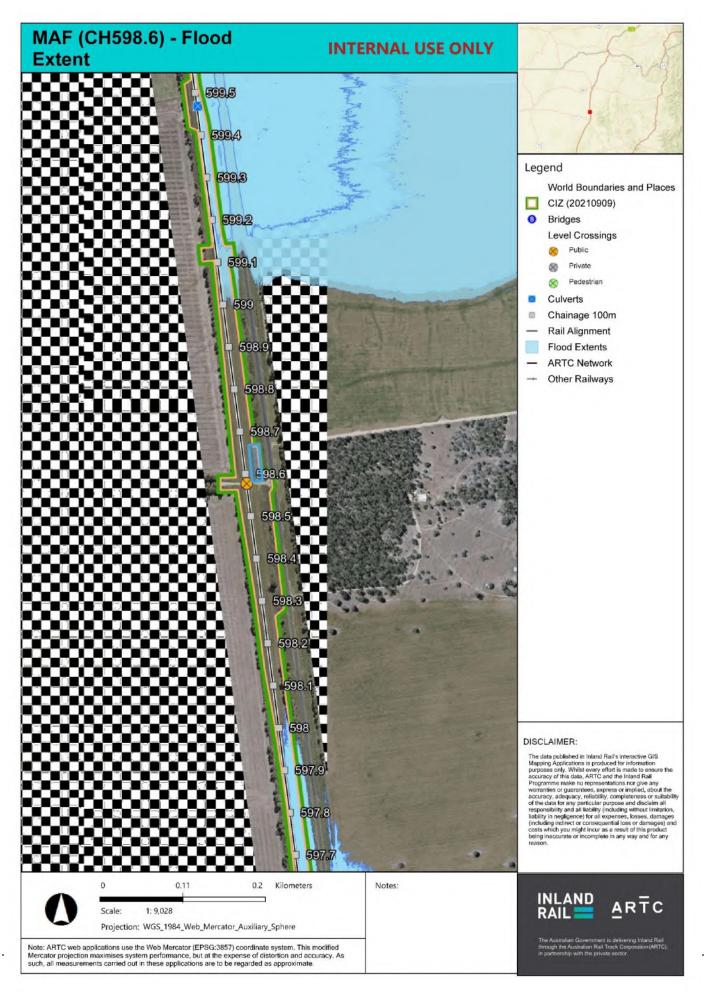
Date: 7/4/2022

Note: This MAF approval does not constitute in any way an authorisation of the traffic control and entry / exit arrangements for light and heavy vehicles at this site. These are subject to separate approval by, and the requirements of, TfNSW (or Local Council) through the relevant Road Occupancy Licence/s, Speed Zone Authorisation/s, Traffic Management Plan or any other TfNSW or Local Council regulatory requirements.

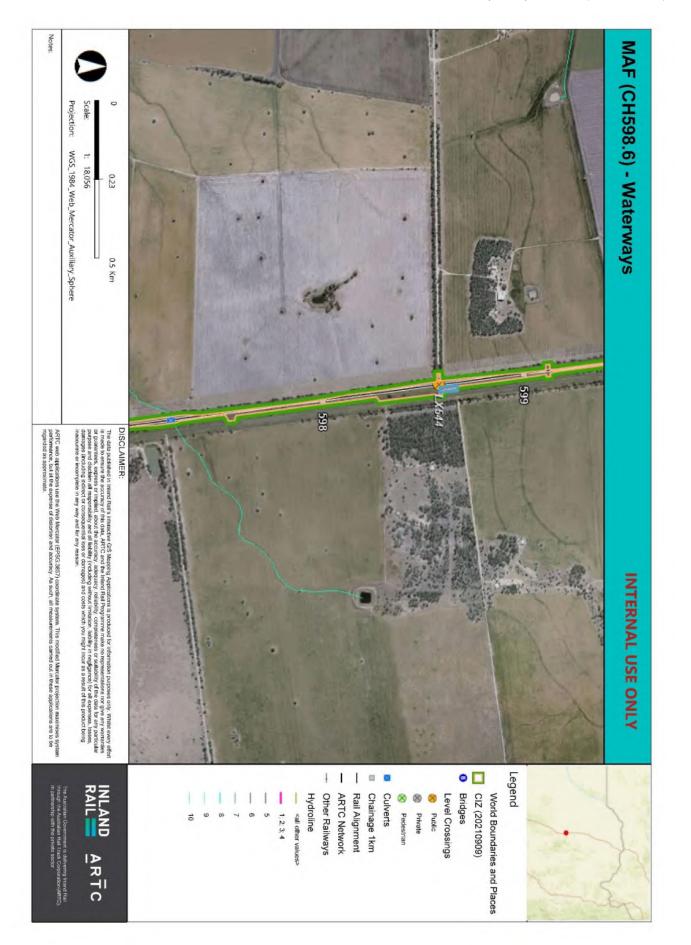
# Appendix A: Site Location (incl. Environmentally Sensitive Areas)











## **Appendix B: Site Location (Co-ordinates)**

1	Lat: 30.06997° S
-	Lon: 149.79163° E
2	Lat: 30.06995 S
_	Lon: 149.79188° E
3	Lat: 30.07072° S
•	Lon: 149.79197° E
4	Lat: 30.07074° S
•	Lon: 149.79171° E

## **Appendix D: Vehicle Movement Plan**

TRANS 4.M **VMP No: 064** Vehicle Movement Plan for S1 - CH598.500 - LX544 Rev Date: 14/03/2022 Minor Public - Gate 8 **Plan Principles** Requirements working in and around Mobile Plant: · The work area is designed to eliminate the need for workers, light vehicles or other mobile plant to enter any Plant Operating Zone (POZ). Fencing to be positioned to stop mobile plant from accidently moving into an area where there are people. . Pedestrian barriers to prevent people entering the POZ • Mobile plant temporarily halted prior to a worker entering the POZ. VMP Details Emergency Contacts: Greg Hopkins - Gen. Super. - 0428 051 699 Adam Boston - Safety Manager - 0436 844 608 Emergency Response Team: Greg Hopkins - ER Warden - 0428 051 699 Dave Rumble - Com Officer - 0427 291 859 First Aid Aider: Robert White - EW Super. - 0447 679 053 No Right Turn from Newell Southhound See options below · Entry and exit points displayed. · Project road rules, including speed limits, give way; stop and traffic direction etc. must be adhered to at all times Site wide speed limit is 40km/h unless signposted otherwise Prior to entering site, personnel are to be briefed by the relevant worksite supervisor on current site conditions · Driver must not use any route to enter or exit site other than that shown on the diagram Pedestrian Access only permitted in work area with approval of Supervisor and Positive Comms Legend Plan approval/acceptance Plan Date: 11/03/2022 Supervisor: Signature: Main General Ian Lambert - Earthworks Supervisor - 0427 276 643 Public Alignment Alignment Laydown Access Access Scott Karabel - Earthworks Supervisor - 0418 468 530 Works Zone (See below) **UHF Channel:** 

VMP must be briefed to all members of the work group at the Prestart Meeting and any additional controls added
 Changing conditions (e.g., new, or extra work group, new work area) must be captured, plan amended, and changes agreed.

· VMP is Mandatory to all works areas and must be approved prior to works commencing.

Pedestrian Access will be finalised on site.

Ensure vehicles do not obstruct highway or level crossing when transiting to and from delivery site.

All Traffic

OUT

All Traffic

IN

# 

### **Plan Principles**

### Requirements working in and around Mobile Plant:

- The work area is designed to eliminate the need for workers, light vehicles or other mobile plant to enter any Plant Operating Zone (POZ).
- Fencing to be positioned to stop mobile plant from accidently moving into an area where there are people.
- Pedestrian barriers to prevent people entering the POZ
- Mobile plant temporarily halted prior to a worker entering the POZ.

### VMP Details

### Emergency Contacts:

Greg Hopkins – Gen. Super. – 0428 051 699 Adam Boston – Safety Manager – 0436 844 608

Emergency Response Team:

Greg Hopkins – ER Warden – 0428 051 699 Dave Rumble – Com Officer – 0427 291 859

First Aid Aider:

Robert White - EW Super. - 0447 679 053

### Entry and exit points displayed.

- Project road rules, including speed limits, give way; stop and traffic direction etc. must be adhered to at all times
- Site wide speed limit is 40km/h unless signposted otherwise
- Prior to entering site, personnel are to be briefed by the relevant worksite supervisor on current site conditions
- Driver must not use any route to enter or exit site other than that shown on the diagram
- Pedestrian Access only permitted in work area with approval of Supervisor and Positive Comms

Legend			
Legeng			

Vehicle Movement Plan for <u>S1 – CH598.500 – LX544</u>	VMP No: 064
Minor Public – Gate 8	Rev Date: 14/03/2022

				Plan approval/acceptance	Plan Date: 11/03/2022
Materials Laydown	Crib Facilities	LV Carpark	Supervisor: lan Lambert – Farthworks Supervisor – 0427 276 643		Signature:
Lime Storage	Ballast	Delineation Pedestrian Access	Mixed Access LV Access HV Access Solid 2-Way Dash 1-Way	<ul> <li>VMP must be briefed to all members of the work group at the Prestar</li> <li>Changing conditions (e.g., new, or extra work group, new work area)</li> <li>VMP is Mandatory to all works areas and must be approved prior to v</li> <li>Ensure vehicles do not obstruct highway or level crossing when trans</li> <li>Pedestrian Access will be finalised on site.</li> </ul>	must be captured, plan amended, and changes agreed. vorks commencing.



					Plan approval/acceptance	Plan Date: 12/03/2022
	Public Access		Alignment Access	Main Alignment Works Zone	Supervisor: lan Lambert – Earthworks Supervisor – 0427 276 643 Scott Karabel – Earthworks Supervisor – 0418 468 530 UHF Channel:	Signature:
1	All Traffic IN	1	All Traffic OUT		<ul> <li>VMP must be briefed to all members of the work group at the Prestart</li> <li>Changing conditions (e.g., new, or extra work group, new work area)</li> <li>VMP is Mandatory to all works areas and must be approved prior to w</li> <li>Ensure vehicles do not obstruct highway or level crossing when transi</li> <li>Pedestrian Access will be finalised on site.</li> </ul>	nust be captured, plan amended, and changes agreed. orks commencing.

Revision No: 0 Issue Date: 04/02/2022

Minor Ancillary Facility Checklist - (Galathera Lane) - Rev. 2

## Appendix E: Road Occupancy Licence (ROL)

## ROAD OCCUPANCY LICENCE

### LICENCE NO : 556329

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM



To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit. myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMENT Project:	- NEW CONSTRUCTION Not Applicable	LOCATIC Subject R		NE	WELL	HWY					
This Activity :	From: To: Council:	WEE WAA RD, NARRABRI KANIMBLA RD, GURLEY NARRABRI									
Work Description: Survey, Vegetation maintenance Light Vehicle Movements, Minor Heavy Vehicle Movements <20											
LICENSEE		ONSITE	CONT	ACT							
Organisation: Ref No:					ke McG 137775	oldrick 63					
Name:	Luke McGoldrick										
Phone:	0413777563										
TRAFFIC MANA	GEMENT	LICENC	E DUR	ATIO	N						
Flow Management	Contra Flow; Standard Lane Merge; Mobile Works;	From:		21-	Mar-2	022					
	Portable Signals; Short Term / Intermittent Works; Stop / Slow Control			20-	Apr-20	22					
Closure Type:	All lanes both directions										
Closure Lane(s):	Shoulder; Median Shoulder										
Direction(s):	All Directions										
LICENCE CONE	DITIONS		APPR	OVE		ES&T		3			
	SE SHIFT ACTIVATION WEB ADDRESS				Shift	2001			То	Shift	
https://myrol.tr APPROVED R CONTROL SIC	ansport.nsw.gov.au TO ACTIVATE AND DEACTIVA OAD OCCUPANCY LICENCE(S). (TO CHANGE TR SNALS TO FLASHING YELLOW OR TO ACTIVATE	TE YOUR AFFIC	From Mon	D 21	M Mar	<b>Time</b> 00:00	:	To Tue	D 22	M Mar	<b>Time</b> 00:00
	VARIABLE MESSAGE SIGNS DIAL 1800 679 782)		Tue	22	Mar	00:00	-	Wed	23	Mar	00:00
2 THIS LICENCI GUIDANCE SO THAT TRAFFI	E IS NOT AN APPROVAL OF THE PROPONENT'S " CHEMES (TGS). PLEASE NOTE WORKCOVER RE( C GUIDANCE SCHEMES (TGS) COMPLY WITH AS	TRAFFIC QUIRES 1742.3	Wed Thu	23 24	Mar Mar	00:00 00:00	1	Thu Fri	24 25	Mar Mar	00:00
3 ALL MATTERS	RELATING TO NOISE GENERATION OR OTHER		Fri	25	Mar	00:00	-	Sat	26	Mar	00:00
	ITAL FACTORS ON SITE ARE UNDER THE JURISI AL COUNCIL AND/OR THE ENVIRONMENTAL PRO		Sat	26	Mar	00:00	-	Sun	27	Mar	00:00
AUTHORITY.		Louion	Sun	27	Mar	00:00	-	Mon	28	Mar	00:00
	PROPOSED WORKS INVOLVE UNDERBORING O		Mon	28	Mar	00:00	-	Tue	29	Mar	00:00
AND GUTTER	OF STATE ROAD ASSETS OR THE REMOVAL OF DETAILS OF WORKS MUST BE APPROVED BY T	FNSW.	Tue	29	Mar	00:00	-	Wed	30	Mar	00:00
	R SYDNEY REGION CONTACT: roads@transport.nsw.gov.au. FOR REGIONAL & OL	TEP	Wed	30	Mar	00:00	-	Thu	31	Mar	00:00
METROPOLIT	AN. CONTACT: road.access@transport.nsw.gov.au.		Thu	31	Mar	00:00	-	Fri	01	Apr	00:00
5 NOTIFICATIO	N TO AFFECTED BUSINESSES, RESIDENTS AND	OTHER	Fri	01	Apr	00:00	-	Sat	02	Apr	00:00
PRIOR TO WO	RS MUST BE UNDERTAKEN AT LEAST 5 BUSINE ORKS COMMENCING	55 DAYS	Sat	02	Apr	00:00	-	Sun	03	Apr	00:00
6 ADEQUATE A	DVANCE WARNING MUST BE PROVIDED TO		Sun Mon	03 04	Apr	00:00 00:00	-	Mon Tue	04 05	Apr	00:00
APPROACHIN	IG MOTORISTS.	1.1	Tue	04	Apr Apr	00:00	2	Wed	05	Apr Apr	00:00
	ONITORING OF END-OF-QUEUE CONDITION MU D. IF QUEUING CONTRARY TO CONDITIONS OF		Wed	06	Apr	00:00	2	Thu	07	Apr	00:00
LICENCE OCC	CURS, THEN THE ROAD MUST BE RE-OPENED AI	ND	Thu	07	Apr	00:00	-	Fri	08	Apr	00:00
	UE MUST BE CLEARED.		Fri	08	Apr	00:00	-	Sat	09	Apr	00:00
MEASURES H	TO BE USED ONLY WHEN TRAFFIC CONTROL AVE BEEN IMPLEMENTED AND ROAD WORKS A		Sat	09	Apr	00:00	-	Sun	10	Apr	00:00
	40KM/H ZONE SHOULD NOT EXCEED 500 METRE		Sun	10	Apr	00:00	-	Mon	11	Apr	00:00
	GES OF TRAFFIC RESULTING FROM ACTIVITIES	IN THIS	Mon	11	Apr	00:00	-	Tue	12	Apr	00:00
LICENCE MUS	ST NOT EXCEED 5 MINUTES PER INSTANCE OR I	EXCEED	Tue	12	Apr	00:00	-	Wed	13	Apr	00:00
AND TRAFFIC	IN LENGTH. ALL TRAFFIC QUEUES MUST BE CLE RETURNED TO FREE FLOWING CONDITION BE	WEEN	Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
STOPPAGES.			Thu	14	Apr	00:00	-	Fri	15	Apr	00:00
			Fri	15	Apr	00:00	-	Sat	16	Apr	00:00

All pages of this Road Occupancy Licence and associated Speed Zone Authorisation(s) must be available on site at all times and must be produced for inspection when requested by representatives of NSW Police, Roads & Maritimes Services, Transport for NSW and other Government Agencies.

Page 1 of 8

## ROAD OCCUPANCY LICENCE

### LICENCE NO : 556329

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM



Roads & Maritime Services

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	- NEW CONSTRUCTION	LOCATI		_	_						
Project:	Not Applicable	Subject R			WELL	HIM					
This Activity :	In Land Rail, Narrabri to North Star, Newell	From:	ivau.			A RD. NA	ARRA	BRI			
The Fleating .	Highway Section from Narrabri to Gurley.	To:				A RD, G					
	nginay occionnon nanabrio ounoy.	Council:			RRAB		UNLI	-			
	Work Description: Survey, Vegetation maintenance										
	Light Vehicle Movements, Minor Heavy Vehicle										
	Movements <20										
LICENSEE		ONSITE	CONT	ACT							
Organisation:	Trans4m Rail Joint Venture	Name:		Lui	ke McC	Goldrick					
Ref No:		Phone:		04	13777	563					
Name:	Luke McGoldrick										
Phone:	0413777563										
TRAFFIC MANAG	GEMENT	LICENC	E DUR		N						
Flow Management	Contra Flow; Standard Lane Merge; Mobile Works;	From:		21-	Mar-2	022					
	Portable Signals; Short Term / Intermittent Works; Stop / Slow Control	To:	<b>To:</b> 20-Apr-2022								
Closure Type:	All lanes both directions										
Closure Lane(s):	Shoulder; Median Shoulder										
Direction(s):	All Directions										
LICENCE COND	DITIONS		APPR	OVE	DDAT	TES&T	IMES	3			
10 PORTABLE TH	RAFFIC SIGNALS MUST BE IN ACCORDANCE WIT	н		From	h Shift				То	Shift	
	STANDARDS AND APPROVED FOR USE BY TFN: N OF PORTABLE TRAFFIC SIGNALS MUST COMF		From	D	м	Time	-	То	D	м	Time
THE TRAFFIC	CONTROL AT WORKSITES MANUAL. TRAFFIC Q		Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
	NITORED AND MANAGED.		Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
	MUST BE SUFFICIENT TO PERMIT CLEAR ACCE	ESS FOR	Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
HEAVY VEHICLES. 12 MOBILE WORKS MUST COMPLY WITH AUSTRALIAN STANDAR			Tue	19	Apr	00:00	-	Wed	20	Apr	00:00

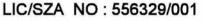
12 MOBILE WORKS MUST COMPLY WITH AUSTRALIAN STANDARDS 1742.3 AND TINSW'S TRAFFIC CONTROL AT WORK SITES MANUAL. MOBILE WORKS MUST GIVE PRIORITY TO PLANNED SITE-SPECIFIC ROL APPROVALS.

NSW

Transport Roads & Maritime

Services

## SPEED ZONE AUTHORISATION



ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMEN	IT - NEW CONSTRUCTION SI	PEED LIMIT F	REDUCTION
Project:	Not Applicable Ex	xisting:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highway Re	educed To :	80 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LICENSEE		ONSITE CO	NTACT	
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
Ref No:		Phone:	0413777563	
Name:	Luke McGoldrick			
Phone:	0413777563			

<b>DVED</b>	DATES	& TIMES	5				
From	n Shift			Tue         19         Apr         00:0           Wed         23         Mar         00:0           Thu         24         Mar         00:0           Fri         25         Mar         00:0           Sat         26         Mar         00:0           Sun         27         Mar         00:0           Mon         28         Mar         00:0           Wed         30         Mar         00:0           Wed         30         Mar         00:0           Thu         31         Mar         00:0           Fri         01         Apr         00:0           Sat         02         Apr         00:0           Stat         02         Apr         00:0           Sat         02         Apr         00:0           Sun         03         Apr         00:0           Mon         04         Apr         00:0           Wed         06         Apr         00:0           Wed         06         Apr         00:0           Thu         07         Apr         00:0           Fri         08         Apr         00:			
D	м	Time	-	То	D	м	Time
21	Mar	00:00	-	Tue	19	Apr	00:00
22	Mar	00:00	-	Wed	23	Mar	00:00
23	Mar	00:00	-	Thu	24	Mar	00:00
24	Mar	00:00	-	Fri	25	Mar	00:00
25	Mar	00:00	-	Sat	26	Mar	00:00
26	Mar	00:00	-	Sun	27	Mar	00:00
27	Mar	00:00	-	Mon	28	Mar	00:00
28	Mar	00:00	-	Tue	29	Mar	00:00
29	Mar	00:00	-	Wed	30	Mar	00:00
30	Mar	00:00	-	Thu	31	Mar	00:00
31	Mar	00:00	-	Fri	01	Apr	00:00
01	Apr	00:00	-	Sat	02	Apr	00:00
02	Apr	00:00	-	Sun	03	Apr	00:00
03	Apr	00:00	-	Mon	04	Apr	00:00
04	Apr	00:00	-	Tue	05	Apr	00:00
05	Apr	00:00	-	Wed	06	Apr	00:00
06	Apr	00:00	-	Thu	07	Apr	00:00
07	Apr	00:00	-	Fri	08	Apr	00:00
08	Apr	00:00	-	Sat	09	Apr	00:00
09	Apr	00:00	-	Sun	10	Apr	00:00
10	Apr	00:00	-	Mon	11	Apr	00:00
11	Apr	00:00	-	Tue	12	Apr	00:00
	From D 21 22 23 24 25 26 27 28 29 30 31 01 02 03 04 05 06 07 08 09 10	From Shift           D         M           21         Mar           22         Mar           23         Mar           24         Mar           25         Mar           26         Mar           27         Mar           28         Mar           30         Mar           31         Mar           01         Apr           02         Apr           03         Apr           04         Apr           05         Apr           06         Apr           07         Apr           08         Apr           09         Apr           10         Apr	From Shift           D         M         Time           21         Mar         00:00           22         Mar         00:00           23         Mar         00:00           24         Mar         00:00           25         Mar         00:00           26         Mar         00:00           27         Mar         00:00           28         Mar         00:00           29         Mar         00:00           30         Mar         00:00           31         Mar         00:00           31         Mar         00:00           31         Mar         00:00           32         Apr         00:00           33         Apr         00:00           34         Apr         00:00           35         Apr         00:00           36         Apr         00:00           36         Apr         00:00           36         Apr         00:00           36         Apr         00:00           37         Apr         00:00           38         Apr         00:00      3	D         M         Time         -           21         Mar         00:00         _           22         Mar         00:00         _           23         Mar         00:00         _           24         Mar         00:00         _           25         Mar         00:00         _           26         Mar         00:00         _           26         Mar         00:00         _           27         Mar         00:00         _           28         Mar         00:00         _           29         Mar         00:00         _           30         Mar         00:00         _           31         Mar         00:00         _           02         Apr         00:00         _           03         Apr         00:00         _           03         Apr         00:00         _           05         Apr         00:00         _           05         Apr         00:00         _           06         Apr         00:00         _           08         Apr         00:00         _	From Shift         D         M         Time         -         To           21         Mar         00:00         -         Tue           22         Mar         00:00         -         Wed           23         Mar         00:00         -         Thu           24         Mar         00:00         -         Thu           24         Mar         00:00         -         Fri           25         Mar         00:00         -         Sat           26         Mar         00:00         -         Sun           27         Mar         00:00         -         Wed           30         Mar         00:00         -         Tue           29         Mar         00:00         -         Tue           29         Mar         00:00         -         Tue           30         Mar         00:00         -         Fri           31         Mar         00:00         -         Sun           32         Apr         00:00         -         Sun           33         Apr         00:00         -         Tue           35         Apr	From Shift         To           D         M         Time         -         To         D           21         Mar         00:00         -         Tue         19           22         Mar         00:00         -         Tue         19           22         Mar         00:00         -         Wed         23           23         Mar         00:00         -         Fri         25           25         Mar         00:00         -         Fri         25           26         Mar         00:00         -         Sat         26           26         Mar         00:00         -         Tue         29           27         Mar         00:00         -         Tue         29           28         Mar         00:00         -         Tue         30           30         Mar         00:00         -         Thu         31           31         Mar         00:00         -         Sat         02           02         Apr         00:00         -         Sat         02           03         Apr         00:00         -         Tue <t< td=""><td>To bitDMTime-ToDM21Mar00:00-Tue19Apr22Mar00:00-Wed23Mar23Mar00:00-Thu24Mar24Mar00:00-Fri25Mar25Mar00:00-Sat26Mar26Mar00:00-Sun27Mar27Mar00:00-Tue29Mar28Mar00:00-Tue29Mar29Mar00:00-Tue29Mar30Mar00:00-Thu31Mar31Mar00:00-Fri01Apr01Apr00:00-Sat02Apr02Apr00:00-Sun03Apr03Apr00:00-Tue05Apr04Apr00:00-Tue05Apr05Apr00:00-Tue06Apr06Apr00:00-Fri08Apr08Apr00:00-Sat09Apr09Apr00:00-Sun10Apr</td></t<>	To bitDMTime-ToDM21Mar00:00-Tue19Apr22Mar00:00-Wed23Mar23Mar00:00-Thu24Mar24Mar00:00-Fri25Mar25Mar00:00-Sat26Mar26Mar00:00-Sun27Mar27Mar00:00-Tue29Mar28Mar00:00-Tue29Mar29Mar00:00-Tue29Mar30Mar00:00-Thu31Mar31Mar00:00-Fri01Apr01Apr00:00-Sat02Apr02Apr00:00-Sun03Apr03Apr00:00-Tue05Apr04Apr00:00-Tue05Apr05Apr00:00-Tue06Apr06Apr00:00-Fri08Apr08Apr00:00-Sat09Apr09Apr00:00-Sun10Apr

ADDON/ED DATED A TUMES



NSW Someward

Transport Roads & Maritime Services

### LIC/SZA NO: 556329/001 ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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110 Km/h
30 Km/h

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

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LOCATION		TRAFFIC MANAGEMENT			
Subject Road:	NEWELL HWY	Distance(m):	2000		
From:	WEE WAA RD, NARRABRI	Direction:	All Directions		
To:	KANIMBLA RD, GURLEY				
Council:					

LICENSEE		ONSITE CONTACT			
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick		
Ref No:		Phone:	0413777563		
Name:	Luke McGoldrick				
Phone:	0413777563				

APPRC	VEDI	DATES	& TIMES	5				
	From	n Shift				То	Shift	
From Tue	<b>D</b> 12	M Apr	Time 00:00	2	To Wed	D 13	M Apr	<b>Time</b> 00:00
Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
Thu	14	Apr	00:00	-	Fri	15	Apr	00:00
Fri	15	Apr	00:00	-	Sat	16	Apr	00:00
Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
Tue	19	Apr	00:00	-	Wed	20	Apr	00:00

ADDON/ED DATED A TUMES



Transport Roads & Maritime Services

## LIC/SZA NO: 556329/002

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMEN	T - NEW CONSTRUCTION	SPEED LIMIT I	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highwa	y Reduced To :	60 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LOCATION		TRAFFIC MANAGEMENT			
Subject Road:	NEWELL HWY	Distance(m):	2000		
From:	WEE WAA RD, NARRABRI	Direction:	All Directions		
To:	KANIMBLA RD, GURLEY				
Council:					

LICENSEE		ONSITE CONTACT		
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
Ref No:		Phone:	0413777563	
Name:	Luke McGoldrick			
Phone:	0413777563			

VEDI	DATES	& TIMES	5				
From	Shift				To S	Shift	
D	м	Time	-	То	D	м	Time
21	Mar	00:00	-	Tue	19	Apr	00:00
22	Mar	00:00	-	Wed	23	Mar	00:00
23	Mar	00:00	-	Thu	24	Mar	00:00
24	Mar	00:00	-	Fri	25	Mar	00:00
25	Mar	00:00	-	Sat	26	Mar	00:00
26	Mar	00:00	-	Sun	27	Mar	00:00
27	Mar	00:00	-	Mon	28	Mar	00:00
28	Mar	00:00	-	Tue	29	Mar	00:00
29	Mar	00:00	-	Wed	30	Mar	00:00
30	Mar	00:00	-	Thu	31	Mar	00:00
31	Mar	00:00	-	Fri	01	Apr	00:00
01	Apr	00:00	-	Sat	02	Apr	00:00
02	Apr	00:00	-	Sun	03	Apr	00:00
03	Apr	00:00	-	Mon	04	Apr	00:00
04	Apr	00:00	-	Tue	05	Apr	00:00
05	Apr	00:00	-	Wed	06	Apr	00:00
06	Apr	00:00	-	Thu	07	Apr	00:00
07	Apr	00:00	-	Fri	08	Apr	00:00
08	Apr	00:00	-	Sat	09	Apr	00:00
09	Apr	00:00	-	Sun	10	Apr	00:00
10	Apr	00:00	-	Mon	11	Apr	00:00
11	Apr	00:00	-	Tue	12	Apr	00:00
	From D 21 22 23 24 25 26 27 28 29 30 31 01 02 03 04 05 06 07 08 09 10	From Shift           D         M           21         Mar           22         Mar           23         Mar           24         Mar           25         Mar           26         Mar           27         Mar           28         Mar           30         Mar           31         Mar           01         Apr           02         Apr           03         Apr           04         Apr           05         Apr           06         Apr           07         Apr           08         Apr           09         Apr           09         Apr	From Shift           D         M         Time           21         Mar         00:00           22         Mar         00:00           23         Mar         00:00           24         Mar         00:00           25         Mar         00:00           26         Mar         00:00           27         Mar         00:00           28         Mar         00:00           29         Mar         00:00           30         Mar         00:00           31         Mar         00:00           31         Mar         00:00           31         Mar         00:00           32         Apr         00:00           33         Apr         00:00           34         Apr         00:00           35         Apr         00:00           36         Apr         00:00           36         Apr         00:00           37         Apr         00:00           38         Apr         00:00           39         Apr         00:00           30         Apr         00:00      <	D         M         Time         -           21         Mar         00:00         _           22         Mar         00:00         _           23         Mar         00:00         _           24         Mar         00:00         _           25         Mar         00:00         _           26         Mar         00:00         _           27         Mar         00:00         _           28         Mar         00:00         _           29         Mar         00:00         _           30         Mar         00:00         _           31         Mar         00:00         _           02         Apr         00:00         _           03         Apr         00:00         _           03         Apr         00:00         _           05         Apr         00:00         _           05         Apr         00:00         _           06         Apr         00:00         _           07         Apr         00:00         _           08         Apr         00:00         _	From Shift         D         M         Time         -         To           21         Mar         00:00         -         Tue           22         Mar         00:00         -         Wed           23         Mar         00:00         -         Thu           24         Mar         00:00         -         Fri           25         Mar         00:00         -         Sat           26         Mar         00:00         -         Sun           27         Mar         00:00         -         Mon           28         Mar         00:00         -         Wed           30         Mar         00:00         -         Tue           29         Mar         00:00         -         Fri           31         Mar         00:00         -         Fri           01         Apr         00:00         -         Sun           02         Apr         00:00         -         Sun           31         Mar         00:00         -         Sun           02         Apr         00:00         -         Sun           03         Apr	From Shift         To           D         M         Time         -         To         D           21         Mar         00:00         -         Tue         19           22         Mar         00:00         -         Tue         19           23         Mar         00:00         -         Wed         23           23         Mar         00:00         -         Fri         25           26         Mar         00:00         -         Sat         26           26         Mar         00:00         -         Sun         27           27         Mar         00:00         -         Tue         29           28         Mar         00:00         -         Tue         29           29         Mar         00:00         -         Thu         31           31         Mar         00:00         -         Fri         01           01         Apr         00:00         -         Sat         02           02         Apr         00:00         -         Sat         02           03         Apr         00:00         -         Tue <t< td=""><td>To ShiftTo <math>D</math>MaDMTime-ToDM21Mar00:00-Tue19Apr22Mar00:00-Wed23Mar23Mar00:00-Thu24Mar24Mar00:00-Fri25Mar25Mar00:00-Sat26Mar26Mar00:00-Sun27Mar27Mar00:00-Mon28Mar28Mar00:00-Tue29Mar29Mar00:00-Tue29Mar30Mar00:00-Thu31Mar31Mar00:00-Sat02Apr01Apr00:00-Sun03Apr03Apr00:00-Tue05Apr04Apr00:00-Tue05Apr05Apr00:00-Thu07Apr06Apr00:00-Fri08Apr08Apr00:00-Sat09Apr09Apr00:00-Sun10Apr09Apr00:00-Sun11Apr</td></t<>	To ShiftTo $D$ MaDMTime-ToDM21Mar00:00-Tue19Apr22Mar00:00-Wed23Mar23Mar00:00-Thu24Mar24Mar00:00-Fri25Mar25Mar00:00-Sat26Mar26Mar00:00-Sun27Mar27Mar00:00-Mon28Mar28Mar00:00-Tue29Mar29Mar00:00-Tue29Mar30Mar00:00-Thu31Mar31Mar00:00-Sat02Apr01Apr00:00-Sun03Apr03Apr00:00-Tue05Apr04Apr00:00-Tue05Apr05Apr00:00-Thu07Apr06Apr00:00-Fri08Apr08Apr00:00-Sat09Apr09Apr00:00-Sun10Apr09Apr00:00-Sun11Apr

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Transport Roads & Maritime Services

## LIC/SZA NO: 556329/002

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMEN	IT - NEW CONSTRUCTION	SPEED LIMIT F	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highway	Reduced To :	60 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

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LOCATION		TRAFFIC MANAGEMENT			
Subject Road:	NEWELL HWY	Distance(m):	2000		
From:	WEE WAA RD, NARRABRI	Direction:	All Directions		
To:	KANIMBLA RD, GURLEY				
Council:					

LICENSEE		ONSITE CONTACT		
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
Ref No:		Phone:	0413777563	
Name:	Luke McGoldrick			
Phone:	0413777563			

APPRC	DVED I	DATES	& TIMES	5				
	From	h Shift				То	Shift	
From Tue	<b>D</b> 12	M Apr	<b>Time</b> 00:00	2	To Wed	D 13	M Apr	<b>Time</b> 00:00
Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
Thu	14	Apr	00:00	-	Fri	15	Apr	00:00
Fri	15	Apr	00:00	-	Sat	16	Apr	00:00
Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
Tue	19	Apr	00:00	-	Wed	20	Apr	00:00

ADDON/ED DATED A TUMES



NSW

Transport Roads & Maritime Services

### LIC/SZA NO: 556329/003 ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMEN	IT - NEW CONSTRUCTION S	SPEED LIMIT F	REDUCTION
Project:	Not Applicable E	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highway R	Reduced To :	40 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LICENSEE		ONSITE CONTACT		
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
Ref No:		Phone:	0413777563	
Name:	Luke McGoldrick			
Phone:	0413777563			

APPRC	<b>DVED</b>	DATES	& TIMES	5				
From Shift						То	Shift	
From	D	м	Time	-	То	D	м	Time
Mon	21	Mar	00:00	-	Tue	19	Apr	00:00
Tue	22	Mar	00:00	-	Wed	23	Mar	00:00
Wed	23	Mar	00:00	-	Thu	24	Mar	00:00
Thu	24	Mar	00:00	-	Fri	25	Mar	00:00
Fri	25	Mar	00:00	-	Sat	26	Mar	00:00
Sat	26	Mar	00:00	-	Sun	27	Mar	00:00
Sun	27	Mar	00:00	-	Mon	28	Mar	00:00
Mon	28	Mar	00:00	-	Tue	29	Mar	00:00
Tue	29	Mar	00:00	-	Wed	30	Mar	00:00
Wed	30	Mar	00:00	-	Thu	31	Mar	00:00
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00
Fri	01	Apr	00:00	-	Sat	02	Apr	00:00
Sat	02	Apr	00:00	-	Sun	03	Apr	00:00
Sun	03	Apr	00:00	-	Mon	04	Apr	00:00
Mon	04	Apr	00:00	-	Tue	05	Apr	00:00
Tue	05	Apr	00:00	-	Wed	06	Apr	00:00
Wed	06	Apr	00:00	-	Thu	07	Apr	00:00
Thu	07	Apr	00:00	-	Fri	08	Apr	00:00
Fri	08	Apr	00:00	-	Sat	09	Apr	00:00
Sat	09	Apr	00:00	-	Sun	10	Apr	00:00
Sun	10	Apr	00:00	-	Mon	11	Apr	00:00
Mon	11	Apr	00:00	-	Tue	12	Apr	00:00

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Roads & Maritime Services

LIC/SZA NO: 556329/003

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMEN	IT - NEW CONSTRUCTION	SPEED LIMIT I	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highwa	y Reduced To :	40 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LOCATION		TRAFFIC MAN	AGEMENT	
Subject Road:	NEWELL HWY	Distance(m):	500	
From:	WEE WAA RD, NARRABRI	Direction:	All Directions	
To:	KANIMBLA RD, GURLEY			
Council:				

	ONSITE CO	NTACT	
Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
	Phone:	0413777563	
Luke McGoldrick			
0413777563			
	Luke McGoldrick	Trans4m Rail Joint Venture Name: Phone: Luke McGoldrick	Phone: 0413777563 Luke McGoldrick

APPRC	VEDI	DATES	& TIMES	5				
	From	h Shift				То	Shift	
From Tue	D 12	M Apr	Time 00:00	-	To Wed	D 13	M Apr	Time 00:00
Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
Thu	14	Apr	00:00	-	Fri	15	Apr	00:00
Fri	15	Apr	00:00	-	Sat	16	Apr	00:00
Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
Tue	19	Apr	00:00	-	Wed	20	Apr	00:00

ADDON/ED DATED & THE

Minor Ancillary Facility Checklist - (Galathera Lane) - Rev. 2

## **Minor Ancillary Facility Checklist**

## 1. Criteria for Minor Ancillary Facilities

The Project's Conditions of Approval (CoA) allows for the establishment and operation of Minor Ancillary Facilities on the Narrabri to North Star (N2NS) Project. Condition A21 states:

CoA A21 Facilities including lunch sheds, office sheds, material lay down sites, stockpile areas, areas used to assemble infrastructure, and portable toilet facilities can be established and operated where they satisfy the following criteria:

- (a) are located within the construction boundary; and
- (b) have been assessed by the ER to have
  - *i.* low amenity impacts to surrounding residences and businesses, after consideration of matters such as compliance with the interim Construction Noise Guideline (DECC, 2009), traffic and access impacts, dust and odour impacts and visual (including light) impacts, and
  - ii. Low environmental impact with respect to waste management and flooding, and
  - iii. No impacts on biodiversity, soil and water and heritage items beyond those already approved under the other terms of this approval.

This Minor Ancillary Facility Checklist has been prepared to assess the proposed Minor Ancillary Facility against the requirements of CoA A21 and all other environmental requirements. Mitigation measures have also been provided to ensure that any environmental risks or impacts to the Community are suitably managed.

These facilities will be located in accordance with the criteria listed in Table 2 and submitted to the Project's Environmental Representative (ER) for approval prior to site works commencing.

Site Name:	Minor Ancillary Facility (Penneys Rd Ballast)		
Location:	CH625.5 (Gurley, NSW)		
Chainage:	CH625.2 – CH625.5		
Program*:	Construction: April 2022 Occupation: April 2022 – December 2022		
Land Use:	RU1 – Primary Production (Moree Plains Shire Council LEP)		
Footprint / Size:	< 8,000m <sup>2</sup>		
Use:	<ul> <li>Minor Ancillary Facility (Penneys Rd Ballast) will be utilised for the following purposes:</li> <li>Trailer based (mobile) site office, port-o-loo and generator.</li> <li>Carparking for site personnel.</li> <li>General Storage &amp; laydown</li> <li>Ballast Stockpile</li> </ul>		
Site Surroundings:	<ul> <li>Minor Ancillary Facility (Penneys Rd Ballast) is surrounded by:</li> <li>North: LX552, rail line, heavily vegetated land, and the Newell Highway.</li> <li>East: Heavily vegetated land, grain receival site, agricultural (cropping) land, and sensitive (residential) receivers.</li> <li>South: Rail Line, heavily vegetated land, and Newell Highway.</li> <li>West: Rail line, Newell Highway, and heavily vegetated land.</li> <li>Access to Minor Ancillary Facility (Penneys Rd Ballast) will be provided via access gate 6, at LX552, CH625.5, off the Newell Highway.</li> </ul>		

### Table 1: Minor Ancillary Facility – Site Description

	Entry/Exit will be operated as per Vehicle Movement Plan in Appendix D, facilitated under TfNSW Road Occupancy Licence, detailed in Appendix E.
Site Establishment Process:	<ul> <li>The below sets out the scope of works for the proposed Minor Ancillary Facility:</li> <li>The proposed footprint of the MAF will be demarcated in the field using hivisibility flagging (or other approved method) and "No-Go Zone" signage.</li> <li>Topsoil will be stripped and utilised for erosion and sediment controls. The topsoil stockpiled / windrowed will be hand seeded.</li> <li>Establishment of the site's erosion and sediment controls will be progressively installed in accordance with the site's Progressive Erosion and Sediment Control Plan.</li> <li>Mobilisation of site facilities: The trailer based (caravan-style) site office, port-o-loo and generator will be mobilised to site.</li> <li>The site compound will be assessed in the field for visual impact to neighbouring sensitive receivers. If the visual impact is deemed moderate or high, ATF style fencing and screening will be installed.</li> <li>Unless specified in a TfNSW approval, anti-gawking screens will not be applied adjacent this MAF location. The need for anti-gawking screens has been risk assessed by a suitably qualified and experienced Traffic Engineer.</li> <li>NOTE: No bulk earthworks are required for the establishment of MAF (Penneys Rd Ballast).</li> </ul>

\*NOTE: Subject to weather and unexpected site conditions

## Table 2: Minor Ancillary Facility - Criteria

Criteria	Compliant (Y) Yes (N) No	Comments
Located within the construction boundary as defined by the approval (CoA A21(a)).	Y	Minor Ancillary Facility (Penneys Rd Ballast) occurs on land that occurs within the Project's Submission Preferred Infrastructure Report (SPIR) Construction Impact Zone and the CIZ – Construction WIP (20210909). Refer to Appendix A for the location.
Compliance with the Interim Construction Noise Guideline (CoA A21(b)(i)	Y	No sensitive (residential) receivers were identified within 1km of the proposed MAF (Penneys Rd Ballast) site. Prior to site establishment works commencing, all potentially impacted landholder/s will be consulted regarding potential noise impacts associated with the establishment and operation of MAF (Penneys Rd Ballast).
At least 50m from watercourses and outside the 5% AEP flood zone (CoA A21(b)(ii))	Y	The proposed MAF (Penneys Rd Ballast) is not located within 50 m of any waterways or drainage lines. The proposed MAF (Penneys Rd Ballast) site is not within the area impacted by the existing 5% AEP local (blue highlighted in Appendix A).
Not within areas identified as threatened communities or species habitats beyond those already approved under the terms of the project approval (CoA A21(b)(iii)	Y	<ul> <li>Approximately &lt;7,170m<sup>2</sup> (~90%) of the proposed MAF (Penneys Rd Ballast) site is mapped as:</li> <li>Zone-6- PCT-56 BVT186, NA 182-Poplar Box- Belah woodland on clay-loam soils on alluvial plains north-central NSW-Derived Native Grasslands.</li> <li>Approximately &lt;730 m<sup>2</sup> (~9%) of the proposed MAF (Penneys Rd Ballast) site is mapped as:</li> </ul>

Criteria	Compliant (Y) Yes (N) No	Comments
		- Zone-5- PCT-56 BVT186, NA 182-Poplar Box- Belah woodland on clay-loam soils on alluvial plains north-central NSW.
		And approximately <130 m <sup>2</sup> (~1%) of the proposed MAF (Penneys Rd Ballast) site is mapped as:
		- Cleared/Non-native vegetation
		All vegetation within the SPIR CIZ has been accounted for within the clearing limits detailed in CoA Table E1 and will be offset in accordance with ARTC's Biodiversity Offset Strategy.
No significant impacts to utilities, primarily gas and electricity	Y	The establishment and operation of MAF (Penneys Rd Ballast) will not result in significant impacts to existing gas, electrical, water or communications utilities.
Not on or near sites with known Aboriginal or non- Aboriginal heritage (CoA A21(b)(iii)	Y	No areas or items of Aboriginal or non-Aboriginal significance have been identified within the area impacted by the proposed MAF (Penneys Rd Ballast) site.
		The Aboriginal Cultural Heritage Management Plan, Narrabri to North Star – Separable Portion 1 (N2NS SP1), dated 18th December 2020 has been reviewed and there are no areas or items that require further salvage or survey.
Safe access to the road network and rail corridor and low impacts on traffic and access (CoA	Y	Access to Minor Ancillary Facility (Penneys Rd Ballast) will be available North of the MAF (Penneys Rd Ballast) site via access gate 6, at LX552, CH625.5.
A21(b)(i)		Entry/Exit will be operated as per Vehicle Movement Plan in Appendix D, facilitated under TfNSW Road Occupancy Licence, detailed in Appendix E.
Relatively flat land	Y	Minor Ancillary Facility (Penneys Rd Ballast) is located on relatively flat land with <1m fall across the site.
Low environmental impact with respect to waste management and flooding (CoA A21(b)(ii)	Y	The establishment and operation of the proposed MAF (Penneys Rd Ballast) will generate minor waste volumes. These waste streams will generally consist of the following:
		<ul> <li>Wastewater</li> <li>Wastepaper / cardboard</li> <li>Rubbish and debris</li> <li>Food waste</li> </ul>
		The volumes of waste generated will be reduced and reuse will be maximised by implementing the mitigation measures detailed in Section 2 below.
		Flooding risk has been addressed above.
No impacts on biodiversity, soil and water, and heritage items beyond those already approved under SSI 7474 approval (CoA A21(b)(iii)	Y	The environmental impacts associated with the establishment and operation of Minor Ancillary Facility (Penneys Rd Ballast) are considered minor and consistent with those impacts approved under SSI 7474.

Criteria	Compliant (Y) Yes (N) No	Comments
Boundary screening around all facilities adjacent to and visible from sensitive receivers for the duration of use of the ancillary facility unless otherwise agreed with the relevant council and affected residents, business operators or landowners (COA A22)	Υ	Minor Ancillary Facility (Penneys Rd Ballast) will be assessed for visual impact from any surrounding sensitive receivers. Screening will be applied where the MAF site represents a moderate to high visual impact. Anti-gawking screens will be applied where required by a TfNSW Approval.

A locational map, environmental constraints and co-ordinates have been provided in Appendix A and B.

## 2. Mitigation Measures

Based on the site details and environmental constraints identified in Table 1 and Table 2 above, the key environmental risks associated with the establishment and operation of the Minor Ancillary Facility (Penneys Rd Ballast) include:

- Disturbance of predicted Five-Clawed Worm-Skink habitat at chainages 603.000 to CH 625.000
- Dust and associated impacts to air quality resulting from access and use; and
- Mud/Spoil tracked onto local roads or Newell HWY.

With the implementation of the mitigation measures detailed in Table 3 below, these impacts are considered to be minor and consistent with those impacts assessed and approved under CSSI 7474.

### Table 3: Minor Ancillary Facility – Mitigation Measures

	Measure/Requirement	Responsibility	Timing/ frequency
1)	<ul> <li>Site inductions will include the following specific components for biodiversity, noise, dust, surface water, erosion &amp; sediment control management: <ul> <li>Awareness of General Environmental Duty and Duty to Notify, (legislative obligations)</li> <li>The requirement for erosion and sediment control devices to be implemented and maintained in accordance with the Erosion &amp; Sediment Control Plan</li> <li>Waste Management</li> <li>The mapped, native vegetation occurring within and adjacent the site and the significance of the TEC.</li> <li>The No-Go Zones for the MAF, incl. the significance of this control and the environmental constraints it's protecting i.e. mapped TEC, threatened species, etc.</li> <li>Hours of operation.</li> <li>General noise related mitigation measures.</li> <li>Five Clawed Worm Skinks, including habitat location and all mitigation measures specified by DPIE &amp; ARTC.</li> </ul> </li> </ul>	Environmental Manager	Pre- construction
2)	Progressive Erosion and Sediment Control Plans (PESCPs) will be developed by Trans4m Rail Environmental Coordinators and reviewed by a CPESC throughout the site establishment phase.	Environmental Manager	Pre- construction
3)	Controls must be in place to prevent tracking dirt and mud onto roads.	Construction Supervisor	Construction

	Measure/Requirement	Responsibility	Timing/ frequency
4)	<ul> <li>Spoil, mud or the like spilt onto sealed roads to be removed within 24hrs or before end of shift (5pm AEDT if Newell HWY is affected) through use of a street sweeper or other means.</li> <li>Controls to minimise mud-tracking onto public roads will generally include rumble grids (i.e. similar to Pad 2), stabilised site access (i.e. rock, gravels, etc) or sheeting of the MAF with clean rock material (i.e. similar to Pad 4).</li> </ul>	Construction Supervisor	Construction
5)	Mobile plant and vehicles, including deliveries must use designated travel routes, site access routes, site access tracks and lay down areas.	Construction Supervisor	Construction
6)	Any activities requiring the discharge of construction water off site will be undertaken in accordance with the PESCP.	All personnel / Environmental Manager	Construction
7)	Slashing limits (incl. vegetation to be retained) must be clearly identified and physically demarcated on-site. Slashing, clearing or other ground disturbance activities must not occur outside these areas unless otherwise approved in writing by the Environment Manager, or suitable delegate.	Construction Supervisor	Construction
8)	Groundcover to be re-established as soon as practicable to prevent erosion during construction.	Construction Supervisor	Construction
9)	In the event that an area or item of heritage significance, threatened species, contaminated material or asbestos containing materials (ACM) are discovered or suspected on-site, then all works affecting the find must cease immediately, the area secured and relevant Trans4m Rail's Unexpected Finds Procedure / Protocol will be implemented. Trans4m Rail's Environmental Manager (or delegate), ARTC and the Project Environmental Representative must be immediately notified of any unexpected finds. Other stakeholders (e.g. NSW EPA, OEH, DPIE, WaterNSW, Council, local landholders, etc) may also be notified depending on the nature and scale of the unexpected find.	All personnel / Construction Supervisor	Construction
10)	Any spills or leaks of chemicals, fuels, oils, effluent or any other hazardous substance that occurs during site establishment must be managed and reported in accordance with Trans4m Rail's Environmental Incident Response and Reporting Procedure.	All personnel / Construction Supervisor	Construction
11)	Refuelling activities must always be closely supervised. Plant and equipment being refuelled must not be left unattended for any period of time.	All personnel / Construction Supervisor	Construction
12)	The land on which ancillary facilities, laydowns areas, access tracks and all other temporary works are located shall be rehabilitated to at least their pre-construction condition or better, unless otherwise agreed by the landowner.	Construction Supervisor	Construction
13)	Weather forecast will be reviewed daily (via http://www.bom.gov.au/) and additional measures implemented where unfavourable weather conditions (i.e. hot, dry weather, high wind speed (>10m/s)) are anticipated. Measures to be implemented during unfavourable weather conditions may include a reduction of speed, a modified construction methodology, alternative plant and equipment, altering the scheduled works or program for the day, additional water carts or ceasing dust generating activities until conditions are more favourable. Dust will be monitored and managed in accordance with the mitigation measures detailed in Project's CSWMP. In addition to this, the following measures will be undertaken;	Environmental Manager / Construction Supervisor	Construction

	Measure/Requirement	Responsibility	Timing/ frequency
	<ul> <li>-Where practical, the MAF carpark and trafficked areas will be sheeted with clean rock / gravel material.</li> <li>-Increased training and surveillance of dust by key Project personnel (i.e. Superintendents, Supervisors, Operators etc).</li> <li>-Stockpiling and material handling will be avoided in MAFs adjacent the Newell Hwy.</li> <li>-Long term stockpiles (&gt;1 month) will be compacted using an excavator bucket and soil binder applied (where practicable).</li> <li>-Where practicable, soil binder will be used on highly trafficked areas.</li> <li>Material i.e. gravel, ballast, etc will be watered down prior to loading, handling and movement.</li> </ul>		
14)	The following dust control measures will be utilised to suppress dust being generated from access roads, laydown areas, ancillary facilities and all other exposed surfaces; water application via watercarts and alternative means (i.e. sprinklers, hoses), sealing or stabilisation of highly trafficked areas, dust screens, application of geofabric or jute mat or the application of soil binding agents. The frequency of use will be modified depending on the prevailing wind and weather conditions. <i>If dust impacts the Newell HWY at any stage, all works will cease until causation has been rectified.</i>	Construction Supervisor	Construction
15)	Exhaust systems of construction plant, vehicles and machinery will be maintained in accordance with manufacturer's specifications to ensure that emissions do not exceed EPA regulations. Periodic visual checks will be undertaken daily.	Construction Supervisor	Construction
16)	Waste will be segregated and collected on a regular basis to ensure odours associated with waste do not become an issue to surrounding sensitive receivers. All waste will be collected and disposed of at a licensed facility.	All personnel	Construction
17)	All works will be undertaken in accordance with the standard construction hours detailed in Condition of Approval E1.	Construction Supervisor	Construction
18)	Notification undertaken during construction would inform relevant stakeholders of the work locations and timing, and the potential for noise impacts.	Community Engagement Team	Construction
19)	Boundary screening will be erected if a site inspection determines that the MAF could significantly impact sensitive receivers.	Environment Manager / Construction Supervisor	Construction
20)	<ul> <li>All personnel would be inducted on the subject of Five-clawed Worm-skinks (FCWS). Targeted FCWS surveys would be undertaken by Project Ecologist and/or Fauna Spotter-Cather team prior to and during slashing, clearing of woody vegetation and topsoil stripping activities within the following chainages, stage 1 chainage 603.000 to 625.000.</li> <li>The surveys would include active searches of microhabitats, including, carefully turning woody debris, rocks and artificial debris, raking the soil surface or leaf litter beneath trees and looking beneath peeling bark for reptiles or their sloughs, searching for animals during topsoil stripping (working closely with the grader operator).</li> <li>Targeted pre-clearing surveys would comprise a minimum of 0.5 person hours per hectare for habitats of average complexity per</li> </ul>	Environmental Manager/ Construction Supervisor	Construction

Minor Ancillary Facility Checklist - (Penneys Rd Ballast) - Rev. 1

Measure/Requirement	Responsibility	Timing/ frequency
targeted species (scaled up or down depending on complexity). Any FCWS captured would have the following data collected: GPS coordinates of capture/relocation site, measurement snout-vent length, tail length and total length. Relocation site to be as close to capture site as possible with suitable microhal No more than 10 adults and 5 sub-adults or hatchlings per 10 of suitable habitat may be relocated due to risk of overstockin NOTE: Additional measures will be taken to avoid reloc individuals from re-entering the construction site i.e. sedir fence, etc.	ts of e are bitat. 00m2 ig. cated	

## 3. Certification

This Minor Ancillary Facility Checklist provides a true and fair review of the proposed activity for the Inland Rail N2NS upgrade project.

Signed:

Name: Maggie Wilton

Position: Trans4m Rail Enviro & Sustainability Trainee

Date: 05/04/2022

Signed:

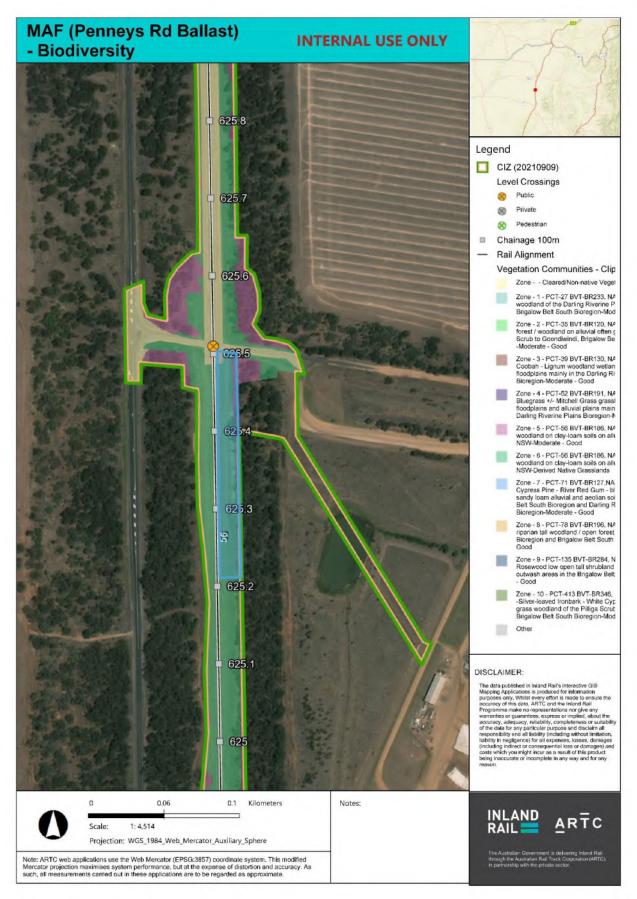
Name: Steve Fermio

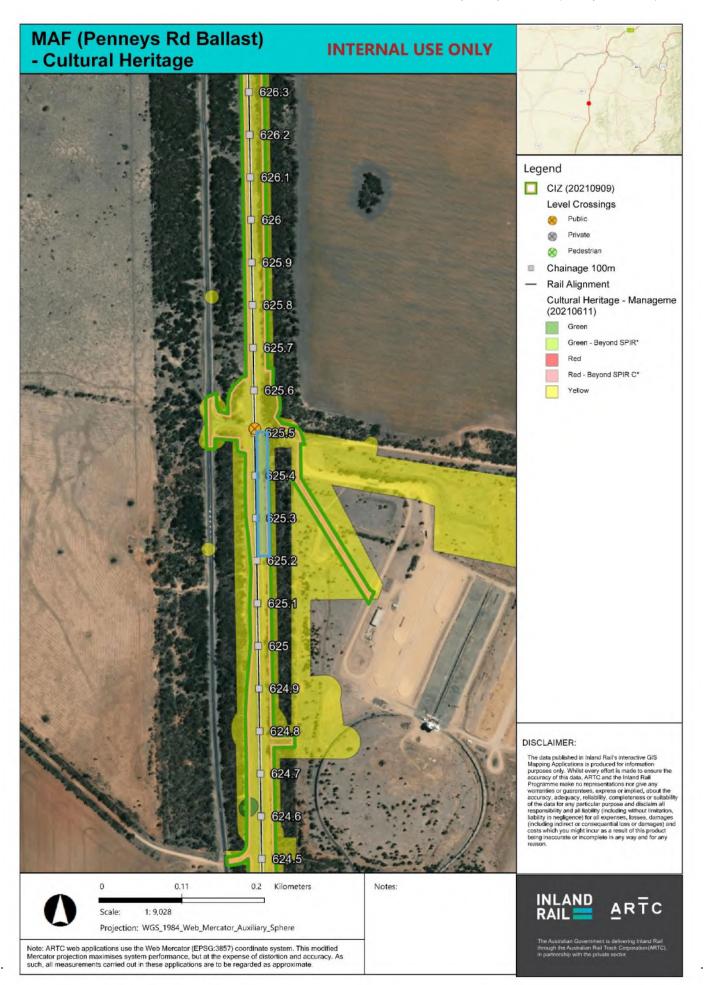
Position: Environmental Representative

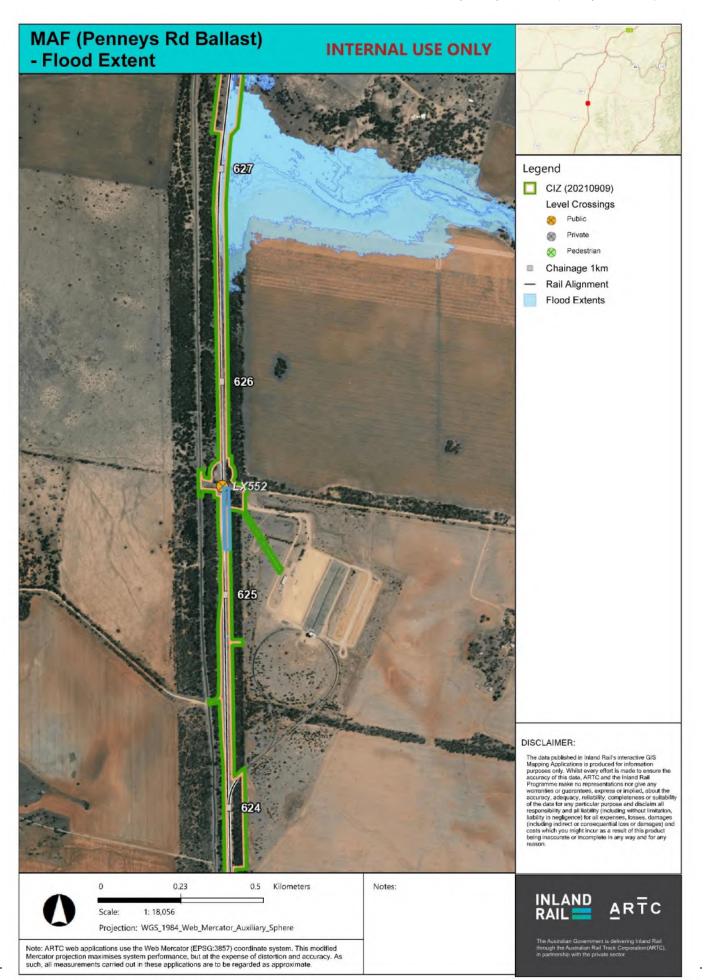
Date: 7/4/2022

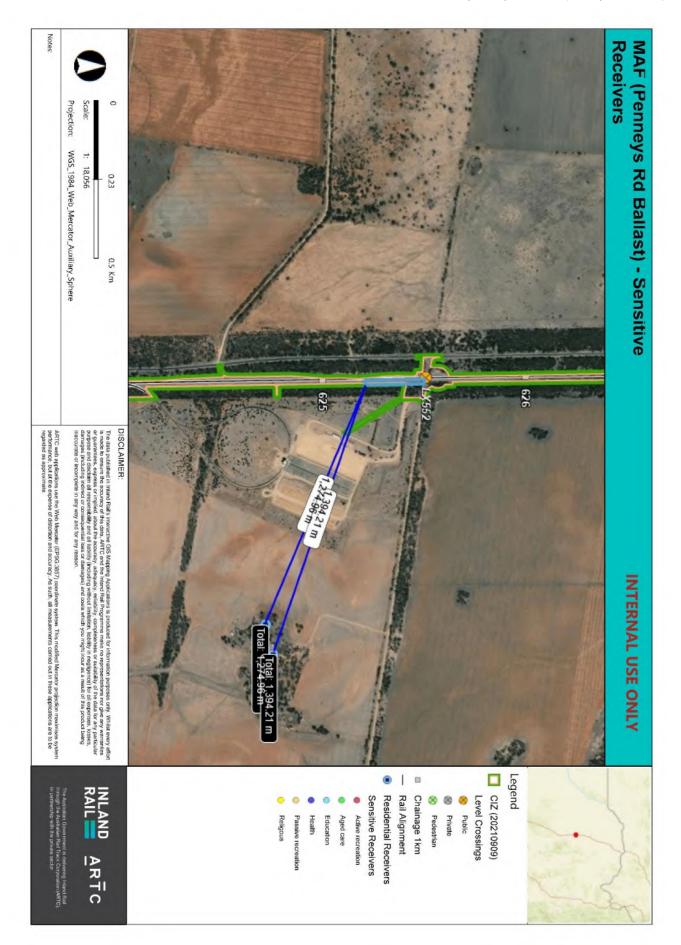
Note: This MAF approval does not constitute in any way an authorisation of the traffic control and entry / exit arrangements for light and heavy vehicles at this site. These are subject to separate approval by, and the requirements of, TfNSW (or Local Council) through the relevant Road Occupancy Licence/s, Speed Zone Authorisation/s, Traffic Management Plan or any other TfNSW or Local Council regulatory requirements.

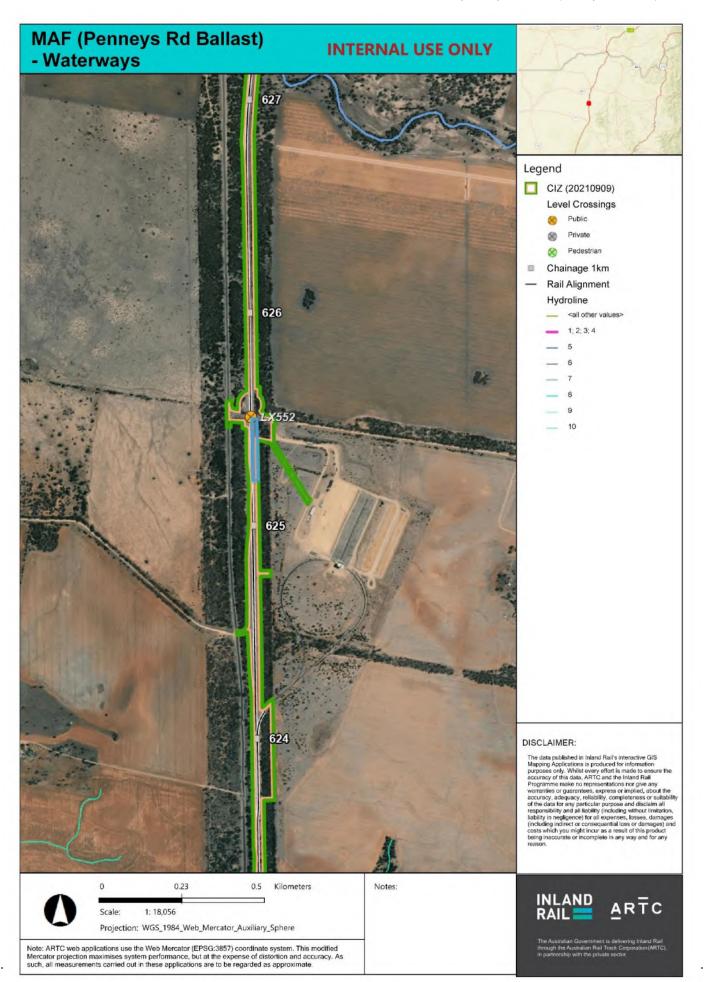
## Appendix A: Site Location (incl. Environmentally Sensitive Areas)











## Appendix B: Site Location (Co-ordinates)

1	Lat: 29.82836° S
-	Lon: 149.78876° E
2	Lat: 29.82839° S
_	Lon: 149.78902° E
3	Lat: 29.83100° S
•	Lon: 149.78909° E
4	Lat: 29.83101° S
•	Lon: 149.78880° E

## **Appendix D: Vehicle Movement Plan (VMP)**

# 

### **Plan Principles**

## Requirements working in and around Mobile Plant:

- The work area is designed to eliminate the need for workers, light vehicles or other mobile plant to enter any Plant Operating Zone (POZ).
- Fencing to be positioned to stop mobile plant from accidently moving into an area where there are people.
- Pedestrian barriers to prevent people entering the POZ
- Mobile plant temporarily halted prior to a worker entering the POZ.

### VMP Details

Emergency Contacts:

Greg Hopkins – Gen. Super. – 0428 051 699 Adam Boston – Safety Manager – 0436 844 60

### Emergency Response Team:

Greg Hopkins – ER Warden – 0428 051 699 Dave Rumble – Com Officer – 0427 291 859

First Aid Aider: Robert White – EW Super. – 0447 679 053

- · Entry and exit points displayed.
- Project road rules, including speed limits, give way; stop and traffic direction etc. must be adhered to at all times
- Site wide speed limit is 40km/h unless signposted otherwise
- Prior to entering site, personnel are to be briefed by the relevant worksite supervisor on current site conditions
- Driver must not use any route to enter or exit sit other than that shown on the diagram
- Pedestrian Access only permitted in work area with approval of Supervisor and Positive Comms

	Vehicle Movement Plan for <u>S1 – CH625.500 – LX552</u> Major Public – Gate 16	VMP No: 076 Rev Date: 14/03/2022
bile eed int to eere g ker 608		
give t be osted iefed it site area nms		

		1			Plan approval/acceptance	Plan Date: 11/03/2022
	Public Access		Alignment Access	Main Alignment Works Zone	Supervisor: Ian Lambert – Earthworks Supervisor – 0427 276 643 Scott Karabel – Earthworks Supervisor – 0418 468 530 UHF Channel:	Signature:
1	All Traffic IN	1	All Traffic OUT		VMP must be briefed to all members of the work group at the Prest     Changing conditions (e.g., new, or extra work group, new work are     VMP is Mandatory to all works areas and must be approved prior t     Ensure vehicles do not obstruct highway or level crossing when tra     Pedestrian Access will be finalised on site.	a) must be captured, plan amended, and changes agreed. o works commencing.

NSW

Transport Roads & Maritime Services

## Appendix E: Road Occupancy Licence (ROL)

ROAD OCCUPANCY LICENCE

LICENCE NO : 556329

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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	- NEW CONSTRUCTION LOCATION Not Applicable Subject R		NC								
Project:	and the second se		oad:		WELL						
This Activity :	In Land Rail. Narrabri to North Star. Newell	From: To:		WE	EE WA	A RD, NA	ARRA	ABRI			
	Highway Section from Narrabri to Gurley.			RRAB	.A RD, G RI	URLE	EY				
	Work Description: Survey, Vegetation maintenance	Council:									
	Light Vehicle Movements, Minor Heavy Vehicle										
	Movements <20										
ICENSEE		ONSITE	CONT	ACT							
Organisation:	Trans4m Rail Joint Venture	Name:		Luł	ke McG	Boldrick					
Ref No:		Phone:		04	137775	63					
Name:	Luke McGoldrick										
Phone:	0413777563										
TRAFFIC MANA	GEMENT	LICENCE	EDUR	ATIO	N						_
low Management	Contra Flow; Standard Lane Merge; Mobile Works;	From:		21-	Mar-20	022					
	Portable Signals; Short Term / Intermittent Works;	To:		20-	Apr-20	22					
	Stop / Slow Control										
Closure Type:	All lanes both directions										
Closure Lane(s):	Shoulder; Median Shoulder										
Direction(s):	All Directions										
LICENCE CONE	DITIONS		APPR	OVE	DDAT	ES&T	IMES	3			
1 YOU MUST U	SE SHIFT ACTIVATION WEB ADDRESS			From	h Shift				То	Shift	
https://myrol.tr	ansport.nsw.gov.au TO ACTIVATE AND DEACTIVAT OAD OCCUPANCY LICENCE(S). (TO CHANGE TR	AFFIC	From	D	м	Time	-	То	D	м	Tim
CONTROL SIGNALS TO FLASHING YELLOW OR TO AC		AITIO	Mon	21	Mar	00:00	-	Tue	22	Mar	00:0
	VARIABLE MESSAGE SIGNS DIAL 1800 679 782)		Tue	22	Mar	00:00	-	Wed	23	Mar	00:0
	E IS NOT AN APPROVAL OF THE PROPONENT'S T	RAFFIC	Mad	23	Mar	00:00	-	Thu	24	Mar	00:00
	CHEMES (IGS). PLEASE NOTE WORKCOVER REC		Wed						25	Mar	00:0
THAT TRAFFI	CHEMES (TGS). PLEASE NOTE WORKCOVER REC C GUIDANCE SCHEMES (TGS) COMPLY WITH AS	QUIRES	Thu	24	Mar	00:00	-	Fri	20		
THAT TRAFFI 3 ALL MATTERS	C GUIDANCE ŚCHEMES (TGS) COMPLY WITH AS 5 RELATING TO NOISE GENERATION OR OTHER	QUIRES 1742.3		24 25	Mar Mar	00:00 00:00	-	Fri Sat	26		00:0
3 ALL MATTERS ENVIRONMEN	C GUIDANCE ŚCHEMES (TGS) COMPLY WITH AS	DICTION	Thu	25 26					26 27	Mar Mar	00:0 00:0
THAT TRAFFI 3 ALL MATTERS ENVIRONMEN OF THE LOCA AUTHORITY.	C GUIDANCE ŚCHEMES (TGS) COMPLY WITH AS S RELATING TO NOISE GENERATION OR OTHER VTAL FACTORS ON SITE ARE UNDER THE JURISI NL COUNCIL AND/OR THE ENVIRONMENTAL PRO	QUIRES 1742.3 DICTION TECTION	Thu Fri Sat Sun	25 26 27	Mar	00:00 00:00 00:00	-	Sat Sun Mon	26 27 28	Mar Mar Mar	00:00 00:0
THAT TRAFFI 3 ALL MATTERS ENVIRONMEN OF THE LOCA AUTHORITY. 4 SHOULD THE	C GUIDANCE ŚCHEMES (TGS) COMPLY WITH AS S RELATING TO NOISE GENERATION OR OTHER ITAL FACTORS ON SITE ARE UNDER THE JURISI AL COUNCIL AND/OR THE ENVIRONMENTAL PRO PROPOSED WORKS INVOLVE UNDERBORING O	QUIRES 1742.3 DICTION TECTION	Thu Fri Sat Sun Mon	25 26 27 28	Mar Mar Mar Mar	00:00 00:00 00:00 00:00	• • • •	Sat Sun Mon Tue	26 27 28 29	Mar Mar Mar Mar	00:00 00:00 00:00
THAT TRAFFI 3 ALL MATTERS ENVIRONMEN OF THE LOCA AUTHORITY. 4 SHOULD THE EXCAVATION AND GUTTER	C GUIDANCE ŚCHEMES (TGS) COMPLY WITH AS S RELATING TO NOISE GENERATION OR OTHER ITAL FACTORS ON SITE ARE UNDER THE JURISI NL COUNCIL AND/OR THE ENVIRONMENTAL PRO PROPOSED WORKS INVOLVE UNDERBORING O OF STATE ROAD ASSETS OR THE REMOVAL OF , DETAILS OF WORKS MUST BE APPROVED BY T	QUIRES 1742.3 DICTION TECTION R KERB	Thu Fri Sat Sun Mon Tue	25 26 27 28 29	Mar Mar Mar Mar Mar	00:00 00:00 00:00 00:00 00:00		Sat Sun Mon Tue Wed	26 27 28 29 30	Mar Mar Mar Mar Mar	00:0 00:0 00:0 00:0
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THAT TRAFFI ALL MATTER: ENVIRONMEN OF THE LOCA AUTHORITY. SHOULD THE EXCAVATION AND GUTTER FOR GREATE greatersydney	C GUIDANCE ŚCHEMES (TGS) COMPLY WITH AS S RELATING TO NOISE GENERATION OR OTHER ITAL FACTORS ON SITE ARE UNDER THE JURISI NL COUNCIL AND/OR THE ENVIRONMENTAL PRO PROPOSED WORKS INVOLVE UNDERBORING O OF STATE ROAD ASSETS OR THE REMOVAL OF , DETAILS OF WORKS MUST BE APPROVED BY T	QUIRES 1742.3 DICTION TECTION R KERB FNSW.	Thu Fri Sat Sun Mon Tue Wed Thu	25 26 27 28 29 30 31	Mar Mar Mar Mar Mar Mar Mar	00:00 00:00 00:00 00:00 00:00 00:00 00:00		Sat Sun Mon Tue Wed Thu Fri	26 27 28 29 30 31 01	Mar Mar Mar Mar Mar Apr	00:0 00:0 00:0 00:0 00:0
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<ul> <li>THAT TRAFFI</li> <li>ALL MATTER: ENVIRONMENOF</li> <li>OF THE LOCA AUTHORITY.</li> <li>SHOULD THE EXCAVATION AND GUTTER FOR GREATE greatersydney METROPOLIT</li> <li>NOTIFICATIO STAKEHOLDE PRIOR TO WO</li> <li>ADEQUATE A APPROACHIN</li> <li>EFFECTIVE M</li> </ul>	C GUIDANCE ŚCHEMES (TGS) COMPLY WITH AS S RELATING TO NOISE GENERATION OR OTHER VTAL FACTORS ON SITE ARE UNDER THE JURISI AL COUNCIL AND/OR THE ENVIRONMENTAL PRO PROPOSED WORKS INVOLVE UNDERBORING O OF STATE ROAD ASSETS OR THE REMOVAL OF , DETAILS OF WORKS MUST BE APPROVED BY T R SYDNEY REGION CONTACT: roads@transport.nsw.gov.au. FOR REGIONAL & OU AN. CONTACT: road.access@transport.nsw.gov.au. N TO AFFECTED BUSINESSES, RESIDENTS AND ERS MUST BE UNDERTAKEN AT LEAST 5 BUSINE DRAS COMMENCING DVANCE WARNING MUST BE PROVIDED TO IG MOTORISTS.	QUIRES 1742.3 DICTION TECTION R KERB FNSW. ITER OTHER SS DAYS ST BE	Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue	25 26 27 28 29 30 31 01 02 03 04 05	Mar Mar Mar Mar Mar Mar Apr Apr Apr Apr	00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00		Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue Wed	26 27 28 29 30 31 01 02 03 04 05 06	Mar Mar Mar Mar Mar Apr Apr Apr Apr Apr	00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00
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<ul> <li>THAT TRAFFI</li> <li>ALL MATTER: ENVIRONMENOF</li> <li>OF THE LOCA AUTHORITY.</li> <li>SHOULD THE EXCAVATION AND GUTTER FOR GREATE greatersydney METROPOLIT</li> <li>NOTIFICATIO STAKEHOLDE PRIOR TO WC</li> <li>ADEQUATE A APPROACHIN</li> <li>EFFECTIVE M IMPLEMENTE LICENCE OCC TRAFFIC QUE</li> <li>THE 40SZA IS</li> </ul>	C GUIDANCE ŚCHEMES (TGS) COMPLY WITH AS S RELATING TO NOISE GENERATION OR OTHER ITAL FACTORS ON SITE ARE UNDER THE JURISI AL COUNCIL AND/OR THE ENVIRONMENTAL PRO OF STATE ROAD ASSETS OR THE REMOVAL OF , DETAILS OF WORKS INVOLVE UNDERBORING O OF STATE ROAD ASSETS OR THE REMOVAL OF , DETAILS OF WORKS MUST BE APPROVED BY T R SYDNEY REGION CONTACT: roads@transport.nsw.gov.au. FOR REGIONAL & OU AN. CONTACT: road.access@transport.nsw.gov.au. N TO AFFECTED BUSINESSES, RESIDENTS AND ERS MUST BE UNDERTAKEN AT LEAST 5 BUSINE DRAS COMMENCING DVANCE WARNING MUST BE PROVIDED TO IG MOTORISTS. IONITORING OF END-OF-QUEUE CONDITION MUS D. IF QUEUING CONTRARY TO CONDITIONS OF CURS, THEN THE ROAD MUST BE RE-OPENED AN 20 MIST BE LLEARED.	QUIRES 1742.3 DICTION TECTION R KERB FNSW. ITER OTHER SS DAYS ST BE THIS VD	Thu Fri Sat Sun Mon Tue Wed Thu Sat Sun Mon Tue Wed Thu Fri	25 26 27 28 29 30 31 01 02 03 04 05 06 07 08	Mar Mar Mar Mar Mar Mar Apr Apr Apr Apr Apr Apr Apr	00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00		Sat Sun Mon Tue Wed Thu Sat Sun Mon Tue Wed Thu Fri Sat	26 27 28 29 30 31 01 02 03 04 05 06 07 08 09	Mar Mar Mar Mar Apr Apr Apr Apr Apr Apr Apr Apr Apr	00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00
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<ul> <li>THAT TRAFFI</li> <li>ALL MATTER: ENVIRONMENOF</li> <li>OF THE LOCA AUTHORITY.</li> <li>SHOULD THE EXCAVATION AND GUTTER FOR GREATE greatersydney METROPOLIT</li> <li>NOTIFICATIO STAKEHOLDE PRIOR TO WC</li> <li>ADEQUATE A APPROACHIN</li> <li>EFFECTIVE M IMPLEMENTE LICENCE OCC TRAFFIC QUE</li> <li>THE 40SZA IS MEASURES F PROGRESS. LENGTH.</li> </ul>	C GUIDANCE ŚCHEMES (TGS) COMPLY WITH AS S RELATING TO NOISE GENERATION OR OTHER ITAL FACTORS ON SITE ARE UNDER THE JURISI L COUNCIL AND/OR THE ENVIRONMENTAL PRO PROPOSED WORKS INVOLVE UNDERBORING O OF STATE ROAD ASSETS OR THE REMOVAL OF DETAILS OF WORKS MUST BE APPROVED BY T R SYDNEY REGION CONTACT: roads@transport.nsw.gov.au. FOR REGIONAL & OU AN. CONTACT: road.access@transport.nsw.gov.au. N TO AFFECTED BUSINESSES, RESIDENTS AND ERS MUST BE UNDERTAKEN AT LEAST 5 BUSINE DORKS COMMENCING DVANCE WARNING MUST BE PROVIDED TO IG MOTORISTS. IONITORING OF END-OF-QUEUE CONDITION MUS DURS, THEN THE ROAD MUST BE RE-OPENED AN EUR MUST BE CLEARED. S TO BE USED ONLY WHEN TRAFFIC CONTROL IAVE BEEN IMPLEMENTED AND ROAD WORKS AN 40KM/H ZONE SHOULD NOT EXCEED 500 METRE	QUIRES 1742.3 DICTION TECTION KERB 'FNSW. ITER OTHER SS DAYS ST BE THIS ND RE IN S IN	Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Fri Sat Sun	25 26 27 28 29 30 31 01 02 03 04 05 06 07 08 09 10	Mar Mar Mar Mar Mar Apr Apr Apr Apr Apr Apr Apr Apr Apr	00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00		Sat Sun Tue Wed Thu Fri Sat Sun Tue Wed Thu Fri Sat Sun Mon	26 27 28 29 30 31 01 02 03 04 05 06 07 08 09 10 11	Mar Mar Mar Mar Apr Apr Apr Apr Apr Apr Apr Apr Apr Ap	2:00 2:00 2:00 2:00 2:00 2:00 2:00 2:00
<ul> <li>THAT TRAFFI</li> <li>ALL MATTER: ENVIRONMENOF</li> <li>OF THE LOCA AUTHORITY.</li> <li>SHOULD THE EXCAVATION AND GUTTER FOR GREATE greatersydney METROPOLIT</li> <li>NOTIFICATIO STAKEHOLDE PRIOR TO WC</li> <li>ADEQUATE A APPROACHIN</li> <li>EFFECTIVE M IMPLEMENTE LICENCE OCC TRAFFIC QUE</li> <li>THE 40SZA IS MEASURES F PROGRESS. LENGTH.</li> <li>ANY STOPPA</li> </ul>	C GUIDANCE ŚCHEMES (TGS) COMPLY WITH AS S RELATING TO NOISE GENERATION OR OTHER VTAL FACTORS ON SITE ARE UNDER THE JURISI AL COUNCIL AND/OR THE ENVIRONMENTAL PRO OF STATE ROAD ASSETS OR THE REMOVAL OF , DETAILS OF WORKS INVOLVE UNDERBORING O OF STATE ROAD ASSETS OR THE REMOVAL OF , DETAILS OF WORKS MUST BE APPROVED BY T R SYDNEY REGION CONTACT: roads@transport.nsw.gov.au. FOR REGIONAL & OU AN. CONTACT: road.access@transport.nsw.gov.au. N TO AFFECTED BUSINESSES, RESIDENTS AND ERS MUST BE UNDERTAKEN AT LEAST 5 BUSINE DRAS COMMENCING DVANCE WARNING MUST BE PROVIDED TO IG MOTORISTS. IONITORING OF END-OF-QUEUE CONDITIONS OF CURS, THEN THE ROAD MUST BE RE-OPENED AN 20 MIST BE LEARED. S TO BE USED ONLY WHEN TRAFFIC CONTROL IAVE BEEN IMPLEMENTED AND ROAD WORKS AI 40KM/H ZONE SHOULD NOT EXCEED 500 METRE GES OF TRAFFIC RESULTING FROM ACTIVITIES	QUIRES 1742.3 DICTION TECTION R KERB FNSW. ITER OTHER SS DAYS ST BE THIS VD RE IN S IN IN THIS	Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Sat Sun Mon	25 26 27 28 29 30 31 01 02 03 04 05 06 07 08 09 10	Mar Mar Mar Mar Mar Mar Apr Apr Apr Apr Apr Apr Apr Apr Apr Ap	00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00		Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue	26 27 28 29 30 31 01 02 03 04 05 06 07 08 09 10 11 12	Mar Mar Mar Mar Mar Apr Apr Apr Apr Apr Apr Apr Apr Apr Ap	2000 2000 2000 2000 2000 2000 2000 200
<ul> <li>THAT TRAFFI</li> <li>ALL MATTER: ENVIRONMEN OF THE LOCA AUTHORITY.</li> <li>SHOULD THE EXCAVATION AND GUTTER FOR GREATE greatersydney METROPOLIT</li> <li>NOTIFICATIO STAKEHOLDE PRIOR TO WC</li> <li>ADEQUATE A APPROACHIN</li> <li>EFFECTIVE M IMPLEMENTE LICENCE OCC TRAFFIC QUE</li> <li>THE 40SZA IS MEASURES F PROGRESS. LENGTH.</li> <li>ANY STOPPA LICENCE MUS 500 METRES</li> </ul>	C GUIDANCE ŚCHEMES (TGS) COMPLY WITH AS S RELATING TO NOISE GENERATION OR OTHER ITAL FACTORS ON SITE ARE UNDER THE JURISI L COUNCIL AND/OR THE ENVIRONMENTAL PRO PROPOSED WORKS INVOLVE UNDERBORING O OF STATE ROAD ASSETS OR THE REMOVAL OF , DETAILS OF WORKS MUST BE APPROVED BY T R SYDNEY REGION CONTACT: roads@transport.nsw.gov.au. FOR REGIONAL & OU AN. CONTACT: road.access@transport.nsw.gov.au. N TO AFFECTED BUSINESSES, RESIDENTS AND ERS MUST BE UNDERTAKEN AT LEAST 5 BUSINE DORKS COMMENCING DVANCE WARNING MUST BE PROVIDED TO IG MOTORISTS. IONITORING OF END-OF-QUEUE CONDITION MUST DLIFS, THEN THE ROAD MUST BE RE-OPENED AN EUE MUST BE CLEARED. S TO BE USED ONLY WHEN TRAFFIC CONTROL IAVE BEEN IMPLEMENTED AND ROAD WORKS AI 40KM/H ZONE SHOULD NOT EXCEED 500 METRE ST NOT EXCEED 5 MINUTES PER INSTANCE OR FIN	QUIRES 1742.3 DICTION TECTION KERB 'FNSW. ITER OTHER SS DAYS ST BE THIS ND RE IN S IN IN THIS EXCEED :ARED	Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue Sun Mon Tue	25 26 27 28 29 30 31 01 02 03 04 05 06 07 08 09 10 11 12	Mar Mar Mar Mar Mar Apr Apr Apr Apr Apr Apr Apr Apr Apr Ap	00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00		Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue Wed Wed	26 27 28 29 30 31 01 02 03 04 05 06 07 08 09 10 11 12 13	Mar Mar Mar Mar Apr Apr Apr Apr Apr Apr Apr Apr Apr Ap	00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:000 00:00 00:00 00:00 00:00 00:000000
<ul> <li>THAT TRAFFI</li> <li>ALL MATTER: ENVIRONMEN OF THE LOCA AUTHORITY.</li> <li>SHOULD THE EXCAVATION AND GUTTER FOR GREATE greatersydney METROPOLIT</li> <li>NOTIFICATIO STAKEHOLDE PRIOR TO WC</li> <li>ADEQUATE A APPROACHIN</li> <li>EFFECTIVE M IMPLEMENTE LICENCE OCC TRAFFIC QUE</li> <li>THE 40SZA IS MEASURES F PROGRESS. LENGTH.</li> <li>ANY STOPPA LICENCE MUS 500 METRES</li> </ul>	C GUIDANCE ŚCHEMES (TGS) COMPLY WITH AS S RELATING TO NOISE GENERATION OR OTHER VTAL FACTORS ON SITE ARE UNDER THE JURISI AL COUNCIL AND/OR THE ENVIRONMENTAL PRO PROPOSED WORKS INVOLVE UNDERBORING O OF STATE ROAD ASSETS OR THE REMOVAL OF , DETAILS OF WORKS MUST BE APPROVED BY T R SYDNEY REGION CONTACT: roads@transport.nsw.gov.au. FOR REGIONAL & OU AN. CONTACT: road.access@transport.nsw.gov.au. N TO AFFECTED BUSINESSES, RESIDENTS AND ERS MUST BE UNDERTAKEN AT LEAST 5 BUSINE DRAS COMMENCING DVANCE WARNING MUST BE PROVIDED TO IG MOTORISTS. IONITORING OF END-OF-QUEUE CONDITIONS OF CURS, THEN THE ROAD MUST BE RE-OPENED AN 20 FT AFFECTED MUST BE RE-OPENED AN 20 FT AUGUST BE CLEARED. S TO BE USED ONLY WHEN TRAFFIC CONTROL IAVE BEEN IMPLEMENTED AND ROAD WORKS AI 40KM/H ZONE SHOULD NOT EXCEED 500 METRE GES OF TRAFFIC RESULTING FROM ACTIVITIES ST NOT EXCEED 5 MINUTES PER INSTANCE OR E IN LENGTH. ALL TRAFFIC QUEUES MUST BE CLE RETURNED TO FREE FLOWING CONDITION BET	QUIRES 1742.3 DICTION TECTION KERB 'FNSW. ITER OTHER SS DAYS ST BE THIS ND RE IN S IN IN THIS EXCEED :ARED	Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Sat Sun Mon	25 26 27 28 29 30 31 01 02 03 04 05 06 07 08 09 10	Mar Mar Mar Mar Mar Mar Apr Apr Apr Apr Apr Apr Apr Apr Apr Ap	00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00		Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue	26 27 28 29 30 31 01 02 03 04 05 06 07 08 09 10 11 12	Mar Mar Mar Mar Mar Apr Apr Apr Apr Apr Apr Apr Apr Apr Ap	2000 2000 2000 2000 2000 2000 2000 200

All pages of this Road Occupancy Licence and associated Speed Zone Authorisation(s) must be available on site at all times and must be produced for inspection when requested by representatives of NSW Police, Roads & Maritimes Services, Transport for NSW and other Government Agencies.

Page 1 of 8

## ROAD OCCUPANCY LICENCE



Roads & Maritime Services

## LICENCE NO : 556329

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit. myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

	- NEW CONSTRUCTION	LOCATI									
Project:	Not Applicable	Subject R									
This Activity :	In Land Rail, Narrabri to North Star, Newell	From:	Road: NEWELL HWY WEE WAA RD, NARRABRI								
This Activity .	Highway Section from Narrabri to Gurley.	To:				A RD, G					
	righway Section non Nanabi to Suney.	Council:			RRAB		ORLI	- '			
	Work Description: Survey, Vegetation maintenance										
	Light Vehicle Movements, Minor Heavy Vehicle										
	Movements <20										
LICENSEE		ONSITE	CONT	ACT							
Organisation:	Trans4m Rail Joint Venture	Name:		Lui	ke McG	Boldrick					
Ref No:		Phone:		04	137775	63					
Name:	Luke McGoldrick										
Phone:	0413777563										
TRAFFIC MANAG	GEMENT	LICENC	EDUR		N						
Flow Management	Contra Flow; Standard Lane Merge; Mobile Works;	From:		21-	-Mar-20	022					
	Portable Signals; Short Term / Intermittent Works; Stop / Slow Control	To:		20-	-Apr-20	22					
Closure Type:	All lanes both directions										
Closure Lane(s):	Shoulder; Median Shoulder										
Direction(s):	All Directions										
LICENCE COND	ITIONS		APPR	OVE	D DAT	ES&T	IMES	3			
10 PORTABLE TR	RAFFIC SIGNALS MUST BE IN ACCORDANCE WIT	н		From	n Shift				То	Shift	
AUSTRALIAN STANDARDS AND APPROVED FOR USE BY TEN INSTALLATION OF PORTABLE TRAFFIC SIGNALS MUST COMP			From	D	м	Time	-	То	D	м	Time
THE TRAFFIC	CONTROL AT WORKSITES MANUAL. TRAFFIC Q		Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
	NITORED AND MANAGED.		Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
11 LANE WIDTHS HEAVY VEHIC	MUST BE SUFFICIENT TO PERMIT CLEAR ACCE	ESS FOR	Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
HEAVI VEHIC	LLO.		-	10		00.00		101-1			00.00

12 MOBILE WORKS MUST COMPLY WITH AUSTRALIAN STANDARDS 1742.3 AND TINSW'S TRAFFIC CONTROL AT WORK SITES MANUAL. MOBILE WORKS MUST GIVE PRIORITY TO PLANNED SITE-SPECIFIC ROL APPROVALS.

### Tue 19 Apr 00:00 -Wed 20 Apr 00:00

Minor Ancillary Facility Checklist - (Penneys Rd Ballast) - Rev. 1



NSW Transport Roads & Maritime Services

### LIC/SZA NO: 556329/001 ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMENT	- NEW CONSTRUCTION	SPEED LIMIT I	REDUCTION	
Project:	Not Applicable	Existing:	110 Km/h	
This Activity :	In Land Rail. Narrabri to North Star. Newell Highway	Reduced To :	80 Km/h	
	Section from Narrabri to Gurley.			

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LOCATION		TRAFFIC MAN	AGEMENT	
Subject Road:	NEWELL HWY	Distance(m):	2000	
From:	WEE WAA RD, NARRABRI	Direction:	All Directions	
To:	KANIMBLA RD, GURLEY			
Council:				
LICENSEE		ONSITE CON	TACT	
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
Ref No:		Phone:	0413777563	

Name: Luke McGoldrick 0413777563 Phone:

### **APPROVED DATES & TIMES**

From Shift					To Shift						
From	D	M	Time	-	То	D	м	Time			
Mon	21	Mar	00:00	-	Tue	19	Apr	00:00			
Tue	22	Mar	00:00	-	Wed	23	Mar	00:00			
Wed	23	Mar	00:00	-	Thu	24	Mar	00:00			
Thu	24	Mar	00:00	-	Fri	25	Mar	00:00			
Fri	25	Mar	00:00	-	Sat	26	Mar	00:00			
Sat	26	Mar	00:00	-	Sun	27	Mar	00:00			
Sun	27	Mar	00:00	-	Mon	28	Mar	00:00			
Mon	28	Mar	00:00	-	Tue	29	Mar	00:00			
Tue	29	Mar	00:00	-	Wed	30	Mar	00:00			
Wed	30	Mar	00:00	-	Thu	31	Mar	00:00			
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00			
Fri	01	Apr	00:00	-	Sat	02	Apr	00:00			
Sat	02	Apr	00:00	-	Sun	03	Apr	00:00			
Sun	03	Apr	00:00	-	Mon	04	Apr	00:00			
Mon	04	Apr	00:00	-	Tue	05	Apr	00:00			
Tue	05	Apr	00:00	-	Wed	06	Apr	00:00			
Wed	06	Apr	00:00	-	Thu	07	Apr	00:00			
Thu	07	Apr	00:00	-	Fri	08	Apr	00:00			
Fri	08	Apr	00:00	-	Sat	09	Apr	00:00			
Sat	09	Apr	00:00	-	Sun	10	Apr	00:00			
Sun	10	Apr	00:00	-	Mon	11	Apr	00:00			
Mon	11	Apr	00:00	-	Tue	12	Apr	00:00			

NSW

Roads & Maritime

Services

## SPEED ZONE AUTHORISATION

### LIC/SZA NO: 556329/001

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMENT - NEW CONSTRUCTION		SPEED LIMIT	REDUCTION				
Project:	Not Applicable	Existing:	110 Km/h				
This Activity :	In Land Rail. Narrabri to North Star. Newell Highway Reduced To: 80 Km/h						
	Section from Narrabri to Gurley.						
	Work Description: Survey, Vegetation maintenance,						
	Light Vehicle Movements, Minor Heavy Vehicle						
	Movements <20						
	anisation is to maintain accurate records of when the sp nd times. The existing posted speed limit* is to be reins						
signs, the date a	anisation is to maintain accurate records of when the s nd times. The existing posted speed limit* is to be reins						
signs, the date a herein.			letion of each of the approved time periods as detailed				
signs, the date a herein.		tated at the compl	letion of each of the approved time periods as detailed				
signs, the date a herein. LOCATION Subject Road:	nd times. The existing posted speed limit* is to be reins	tated at the completion of the	letion of each of the approved time periods as detailed				
	nd times. The existing posted speed limit* is to be reins NEWELL HWY	TRAFFIC MAN Distance(m):	letion of each of the approved time periods as detailed IAGEMENT 2000				
signs, the date a herein. LOCATION Subject Road: From: To:	nd times. The existing posted speed limit* is to be reins NEWELL HWY WEE WAA RD, NARRABRI	TRAFFIC MAN Distance(m):	letion of each of the approved time periods as detailed IAGEMENT 2000				
signs, the date a herein. LOCATION Subject Road: From:	nd times. The existing posted speed limit* is to be reins NEWELL HWY WEE WAA RD, NARRABRI	TRAFFIC MAN Distance(m):	letion of each of the approved time periods as detailed IAGEMENT 2000 All Directions				
signs, the date a herein. LOCATION Subject Road: From: To: Council: LICENSEE	nd times. The existing posted speed limit* is to be reins NEWELL HWY WEE WAA RD, NARRABRI	TRAFFIC MAN Distance(m): Direction:	letion of each of the approved time periods as detailed IAGEMENT 2000 All Directions				
signs, the date a herein. LOCATION Subject Road: From: To: Council: LICENSEE Drganisation:	nd times. The existing posted speed limit* is to be reins NEWELL HWY WEE WAA RD, NARRABRI KANIMBLA RD, GURLEY	TRAFFIC MAN Distance(m): Direction: ONSITE CON	letion of each of the approved time periods as detailed IAGEMENT 2000 All Directions				
signs, the date a herein. LOCATION Subject Road: From: To: Council:	nd times. The existing posted speed limit* is to be reins NEWELL HWY WEE WAA RD, NARRABRI KANIMBLA RD, GURLEY	TRAFFIC MAN Distance(m): Direction: ONSITE CON Name:	letion of each of the approved time periods as detailed IAGEMENT 2000 All Directions TACT Luke McGoldrick				

### To Shift From Shift D M D М Time To Time From -00:00 Tue 12 Apr 00:00 Wed 13 Apr -Apr 00:00 Thu 00:00 Wed 13 14 Apr -Thu Apr 00:00 Fri 15 Apr 00:00 14 -Fri 15 Apr 00:00 Sat 16 Apr 00:00 -00:00 Sat 16 Apr Sun 17 00:00 Apr -Sun 17 Apr 00:00 Mon 18 Apr 00:00 -Mon 18 00:00 Tue 19 00:00 Apr Apr -Tue 19 Apr 00:00 Wed 20 Apr 00:00 -



NSW Transport Roads & Maritime Services

### LIC/SZA NO: 556329/002 ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMENT	- NEW CONSTRUCTION	SPEED LIMIT F	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highway	Reduced To :	60 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LOCATION		TRAFFIC MAN	TRAFFIC MANAGEMENT				
Subject Road:	NEWELL HWY	Distance(m):	2000				
From:	WEE WAA RD, NARRABRI	Direction:	All Directions				
To:	KANIMBLA RD, GURLEY						
Council:							
LICENSEE		ONSITE CON	TACT				
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick				
Ref No:		Phone:	0413777563				

Name: Luke McGoldrick 0413777563 Phone:

### **APPROVED DATES & TIMES**

	From	h Shift		To Shift				
From	D	м	Time	-	То	D	м	Time
Mon	21	Mar	00:00	-	Tue	19	Apr	00:00
Tue	22	Mar	00:00	-	Wed	23	Mar	00:00
Wed	23	Mar	00:00	-	Thu	24	Mar	00:00
Thu	24	Mar	00:00	-	Fri	25	Mar	00:00
Fri	25	Mar	00:00	-	Sat	26	Mar	00:00
Sat	26	Mar	00:00	-	Sun	27	Mar	00:00
Sun	27	Mar	00:00	-	Mon	28	Mar	00:00
Mon	28	Mar	00:00	-	Tue	29	Mar	00:00
Tue	29	Mar	00:00	-	Wed	30	Mar	00:00
Wed	30	Mar	00:00	-	Thu	31	Mar	00:00
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00
Fri	01	Apr	00:00	-	Sat	02	Apr	00:00
Sat	02	Apr	00:00	-	Sun	03	Apr	00:00
Sun	03	Apr	00:00	-	Mon	04	Apr	00:00
Mon	04	Apr	00:00	-	Tue	05	Apr	00:00
Tue	05	Apr	00:00	-	Wed	06	Apr	00:00
Wed	06	Apr	00:00	-	Thu	07	Apr	00:00
Thu	07	Apr	00:00	-	Fri	08	Apr	00:00
Fri	08	Apr	00:00	-	Sat	09	Apr	00:00
Sat	09	Apr	00:00	-	Sun	10	Apr	00:00
Sun	10	Apr	00:00	-	Mon	11	Apr	00:00
Mon	11	Apr	00:00	-	Tue	12	Apr	00:00

Transport Roads & Maritime Services

## SPEED ZONE AUTHORISATION

### LIC/SZA NO: 556329/002

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMEN	T - NEW CONSTRUCTION	SPEED LIMIT	REDUCTION				
Project:	Not Applicable	Existing:	110 Km/h				
This Activity :	In Land Rail. Narrabri to North Star. Newell Highway Reduced To: 60 Km/h						
	Section from Narrabri to Gurley.						
	Work Description: Survey, Vegetation maintenance,						
	Light Vehicle Movements, Minor Heavy Vehicle						
	Movements <20						
periods. The Org	anisation is to maintain accurate records of when the sp	beed limit signs w					
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	From	n Shift		To Shift				
From	D	м	Time	-	То	D	м	Time
Tue	12	Apr	00:00	-	Wed	13	Apr	00:00
Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
Thu	14	Apr	00:00	-	Fri	15	Apr	00:00
Fri	15	Apr	00:00	-	Sat	16	Apr	00:00
Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
Tue	19	Apr	00:00	-	Wed	20	Apr	00:00

Transport Roads & Maritime Services

## SPEED ZONE AUTHORISATION

## LIC/SZA NO: 556329/003

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMEN	T - NEW CONSTRUCTION	SPEED LIMIT	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highway	Reduced To :	40 Km/h
	Section from Narrabri to Gurley.		
	Work Description: Survey, Vegetation maintenance,		
	Light Vehicle Movements, Minor Heavy Vehicle		
	Movements <20		
periods. The Org signs, the date a herein.	anisation is to maintain accurate records of when the s nd times. The existing posted speed limit* is to be reins	peed limit signs we tated at the compl	ere installed and removed, including the location of the etion of each of the approved time periods as detailed
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iter ite.	
Name:	Luke McGoldrick
Phone:	0413777563

### **APPROVED DATES & TIMES**

	From Shift					То	Shift	
From	D	м	Time	-	То	D	м	Time
Mon	21	Mar	00:00	-	Tue	19	Apr	00:00
Tue	22	Mar	00:00	-	Wed	23	Mar	00:00
Wed	23	Mar	00:00	-	Thu	24	Mar	00:00
Thu	24	Mar	00:00	-	Fri	25	Mar	00:00
Fri	25	Mar	00:00	-	Sat	26	Mar	00:00
Sat	26	Mar	00:00	-	Sun	27	Mar	00:00
Sun	27	Mar	00:00	-	Mon	28	Mar	00:00
Mon	28	Mar	00:00	-	Tue	29	Mar	00:00
Tue	29	Mar	00:00	-	Wed	30	Mar	00:00
Wed	30	Mar	00:00	-	Thu	31	Mar	00:00
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00
Fri	01	Apr	00:00	-	Sat	02	Apr	00:00
Sat	02	Apr	00:00	-	Sun	03	Apr	00:00
Sun	03	Apr	00:00	-	Mon	04	Apr	00:00
Mon	04	Apr	00:00	-	Tue	05	Apr	00:00
Tue	05	Apr	00:00	-	Wed	06	Apr	00:00
Wed	06	Apr	00:00	-	Thu	07	Apr	00:00
Thu	07	Apr	00:00	-	Fri	08	Apr	00:00
Fri	08	Apr	00:00	-	Sat	09	Apr	00:00
Sat	09	Apr	00:00	-	Sun	10	Apr	00:00
Sun	10	Apr	00:00	-	Mon	11	Apr	00:00
Mon	11	Apr	00:00	-	Tue	12	Apr	00:00

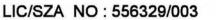
#### Minor Ancillary Facility Checklist - (Penneys Rd Ballast) - Rev. 1

ISW

Transport Roads & Maritime

Services

## SPEED ZONE AUTHORISATION



ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMEN	IT - NEW CONSTRUCTION	SPEED LIMIT I	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highwa	y Reduced To :	40 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LOCATION		TRAFFIC MAN	AGEMENT	
Subject Road:	NEWELL HWY	Distance(m):	500	
From:	WEE WAA RD, NARRABRI	Direction:	All Directions	
To:	KANIMBLA RD, GURLEY			
Council:				

LICENSEE		ONSITE CO	NTACT	
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
Ref No:		Phone:	0413777563	
Name:	Luke McGoldrick			
Phone:	0413777563			

APPRC	DVED	DATES	& TIMES	5				
	From	n Shift				То	Shift	
From Tue	D 12	M Apr	<b>Time</b> 00:00	2	To Wed	<b>D</b> 13	M Apr	<b>Time</b> 00:00
Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
Thu	14	Apr	00:00	-	Fri	15	Apr	00:00
Fri	15	Apr	00:00	-	Sat	16	Apr	00:00
Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
Tue	19	Apr	00:00	-	Wed	20	Apr	00:00

ADDON/ED DATED & THE

All pages of this Speed Zone Authorisation(s) must be available on site at all times and must be produced for inspection when requested by representatives of NSW Police, Roads & Maritimes Services, Transport for NSW and other Government Agencies.

# **Minor Ancillary Facility Checklist**

## 1. Criteria for Minor Ancillary Facilities

The Project's Conditions of Approval (CoA) allows for the establishment and operation of Minor Ancillary Facilities on the Narrabri to North Star (N2NS) Project. Condition A21 states:

CoA A21 Facilities including lunch sheds, office sheds, material lay down sites, stockpile areas, areas used to assemble infrastructure, and portable toilet facilities can be established and operated where they satisfy the following criteria:

- (a) are located within the construction boundary; and
- (b) have been assessed by the ER to have
  - *i.* low amenity impacts to surrounding residences and businesses, after consideration of matters such as compliance with the interim Construction Noise Guideline (DECC, 2009), traffic and access impacts, dust and odour impacts and visual (including light) impacts, and
  - ii. Low environmental impact with respect to waste management and flooding, and
  - iii. No impacts on biodiversity, soil and water and heritage items beyond those already approved under the other terms of this approval.

This Minor Ancillary Facility Checklist has been prepared to assess the proposed Minor Ancillary Facility against the requirements of CoA A21 and all other environmental requirements. Mitigation measures have also been provided to ensure that any environmental risks or impacts to the Community are suitably managed.

These facilities will be located in accordance with the criteria listed in Table 2 and submitted to the Project's Environmental Representative (ER) for approval prior to site works commencing.

Site Name:	Minor Ancillary Facility (Tapscott Rd Ballast)
Location:	CH658 (Moree, NSW)
Chainage:	CH657.96 – CH658.1
Program*:	Construction: April 2022 Occupation: April 2022 – December 2022
Land Use:	Crown land, within rail alignment.
Footprint / Size:	< 8,700m <sup>2</sup>
Use:	<ul> <li>Minor Ancillary Facility (Tapscott Rd Ballast) will be utilised for the following purposes:</li> <li>Trailer based (mobile) site office, port-o-loo and generator.</li> <li>Carparking for site personnel.</li> <li>General Storage</li> <li>Top and bottom ballast stockpiles (20t at any one time).</li> </ul>
Site Surroundings:	<ul> <li>Minor Ancillary Facility (Tapscott Rd Ballast) is surrounded by:</li> <li>North: LX558, Tapscott Road, rail alignment, sparsely vegetated land and the Newell Highway.</li> <li>East: Sparsely vegetated land and Evergreen Road.</li> <li>South: Rail alignment and sparsely vegetated land.</li> <li>West: Sparsely vegetated land and Newell Highway.</li> <li>Access to Minor Ancillary Facility (Tapscott Rd Ballast) will be provided north of the MAF via Tapscott Road off the Newell Highway at LX558.</li> </ul>

#### Table 1: Minor Ancillary Facility – Site Description

Site Establishment Process:	<ul> <li>The below sets out the scope of works for the proposed Minor Ancillary Facility:</li> <li>The proposed footprint of the MAF will be demarcated in the field using hivisibility flagging (or other approved method) and "No-Go Zone" signage.</li> <li>Establishment of the site's erosion and sediment controls will be progressively installed in accordance with the site's Progressive Erosion and Sediment Control Plan.</li> <li>Mobilisation of site facilities: The trailer based (caravan-style) site office, port-o-loo and generator will be mobilised to site.</li> <li>The site compound will be assessed in the field for visual impact to neighbouring sensitive receivers. If the visual impact is deemed moderate or high, ATF style fencing and screening will be installed.</li> </ul>
	NOTE: No bulk earthworks are required for the establishment of MAF (Tapscott Rd Ballast).

\*NOTE: Subject to weather and unexpected site conditions

Criteria	Compliant (Y) Yes (N) No	Comments	
Located within the construction boundary as defined by the approval (CoA A21(a)).	Y	Minor Ancillary Facility (Tapscott Rd Ballast) occurs on land that occurs within the Project's Submission Preferred Infrastructure Report (SPIR) Construction Impact Zone and the CIZ – Construction WIP (20210909). Refer to Appendix A for the location.	
Compliance with the Interim Construction Noise Guideline (CoA A21(b)(i)	Y	Two sensitive (residential) receivers were identified within 1km of the proposed MAF (Tapscott Rd Ballast) site. NNS_Rx0885 is 332.37m north-east	
		NNS_Rx0886 is 900m west The TfNSW Noise Estimator Tool was used to predict the anticipated noise impact associated with the establishment of the proposed MAF (Tapscott Rd Ballast). One (1) noise scenario was run representing worse possible case scenario (i.e. the most noise intensive activity – MAF Operation) NOTE: The noise assessment assumes all plant / equipment will be operating simultaneously and operating at the nearest boundary to the landholder. The scenario being:	
		Scenario 1: MAF Site operation (i.e. Truck >20tonne, front end loader). The extracts from the noise model are provided in Appendix C. The findings of the noise assessment can be summarised by the following:	
		<ul> <li>Sensitive receivers are located at the following locations:</li> <li>NNS_Rx0885, located 332m north-east of the proposed MAF. This sensitive receiver is expected to experience noise impacts of 46dB which is 6 dB higher than the daytime NML for the Project. Refer to Appendix C.</li> <li>NNS_Rx0886, located 900m west of the proposed MAF. This sensitive receiver is expected to experience noise impacts of</li> </ul>	

#### Table 2: Minor Ancillary Facility - Criteria

Criteria	Compliant (Y) Yes (N) No	Comments
		32dB which is below the daytime NML for the Project. Refer to Appendix C.
		- The Noise Assessment identified that sensitive receivers, with line of sight, greater than 520m away will generally not be impacted (>NML (Daytime)) by bulk earthworks.
		- The noise assessment also identified that no sensitive receivers will be highly noise impacted (>75dB) by the works.
		Prior to site establishment works commencing, all potentially impacted landholder/s will be consulted regarding potential noise impacts associated with the establishment and operation of MAF (Tapscott Rd Ballast).
At least 50m from watercourses and outside the 5% AEP flood zone	Y	The proposed MAF (Tapscott Rd Ballast) is not located within 50 m of any waterways or drainage lines.
(CoA A21(b)(ii))		The proposed MAF (Tapscott Rd Ballast) site lies outside the area impacted by the existing 5% AEP local (blue highlighted in Appendix A).
Not within areas identified as threatened communities or species habitats beyond those already approved under the terms of the project approval (CoA A21(b)(iii)	Y	<ul> <li>Approximately &lt;3,000m<sup>2</sup> (~100%) of the proposed MAF (Tapscott Rd Ballast) site is mapped as:</li> <li>Zone - 4 - PCT-52 BVT-BR191, NA187-Queensland Bluegrass +/- Mitchell Grass grassland on cracking clay floodplains and alluvial plains mainly the northern-eastern Darling Riverine Plains Bioregion-Native Grassland</li> <li>All vegetation within the SPIR CIZ has been accounted for within the clearing limits detailed in CoA Table E1 and will be offset in accordance with ARTC's Biodiversity Offset Strategy.</li> </ul>
No significant impacts to utilities, primarily gas and electricity	Y	The establishment and operation of MAF (Tapscott Rd Ballast) will not result in significant impacts to existing gas, electrical, water or communications utilities.
Not on or near sites with known Aboriginal or non- Aboriginal heritage (CoA	Y	No areas or items of Aboriginal or non-Aboriginal significance have been identified within the area impacted by the proposed MAF (Tapscott Rd Ballast) site.
A21(b)(iii)		The Aboriginal Cultural Heritage Management Plan, Narrabri to North Star – Separable Portion 1 (N2NS SP1), dated 18th December 2020 has been reviewed and there are no areas or items that require further salvage or survey.
Safe access to the road network and rail corridor and low impacts on traffic and access (CoA A21(b)(i)	Y	Access to Minor Ancillary Facility (Tapscott Rd Ballast) will be provided north of the MAF via Tapscott Road off the Newell Highway at LX558.
Relatively flat land	Y	Minor Ancillary Facility (Tapscott Rd Ballast) is located on relatively flat land with <1m fall across the site.

Criteria	Compliant (Y) Yes (N) No	Comments
Low environmental impact with respect to waste management and flooding (CoA A21(b)(ii)	Υ	The establishment and operation of the proposed MAF (Tapscott Rd Ballast) will generate minor waste volumes. These waste streams will generally consist of the following:   Wastewater  Wastepaper / cardboard  Rubbish and debris  Food waste  The volumes of waste generated will be reduced and reuse will be maximised by implementing the mitigation measures detailed in Section 2 below.  Flooding risk has been addressed above.
No impacts on biodiversity, soil and water, and heritage items beyond those already approved under SSI 7474 approval (CoA A21(b)(iii)	Y	The environmental impacts associated with the establishment and operation of Minor Ancillary Facility (Tapscott Rd Ballast) are considered minor and consistent with those impacts approved under SSI 7474.
Boundary screening around all facilities adjacent to and visible from sensitive receivers for the duration of use of the ancillary facility unless otherwise agreed with the relevant council and affected residents, business operators or landowners (COA A22)	Y	Minor Ancillary Facility (Tapscott Rd Ballast) will be assessed for visual impact from any surrounding sensitive receivers. Screening will be applied where the MAF site represents a moderate to high visual impact. Anti-gawking screens will be applied where required by a TfNSW Approval.

A locational map, environmental constraints and co-ordinates have been provided in Appendix A and B.

## 2. Mitigation Measures

Based on the site details and environmental constraints identified in Table 1 and Table 2 above, the key environmental risks associated with the establishment and operation of the Minor Ancillary Facility (Tapscott Rd Ballast) include:

- Dust and associated impacts to air quality resulting from access and use; and
- Noise impacts to surrounding sensitive receivers.

With the implementation of the mitigation measures detailed in Table 3 below, these impacts are considered to be minor and consistent with those impacts assessed and approved under CSSI 7474.

#### Table 3: Minor Ancillary Facility – Mitigation Measures

	Measure/Requirement	Responsibility	Timing/ frequency
1)	Site inductions will include the following specific components for biodiversity, noise, dust, surface water, erosion & sediment control management:	Environmental Manager	Pre- construction
	<ul> <li>Awareness of General Environmental Duty and Duty to Notify, (legislative obligations)</li> </ul>		

	Measure/Requirement	Responsibility	Timing/ frequency
	<ul> <li>The requirement for erosion and sediment control devices to be implemented and maintained in accordance with the Erosion &amp; Sediment Control Plan</li> <li>Waste Management</li> <li>The mapped, native vegetation occurring within and adjacent the site and the significance of the TEC.</li> <li>The No-Go Zones for the MAF, incl. the significance of this control and the environmental constraints it's protecting i.e. mapped TEC, threatened species, etc.</li> <li>Hours of operation.</li> <li>General noise related mitigation measures.</li> </ul>		
2)	Progressive Erosion and Sediment Control Plans (PESCPs) will be developed by Trans4m Rail Environmental Coordinators and reviewed by a CPESC throughout the site establishment phase.	Environmental Manager	Pre- construction
3)	Controls must be in place to prevent tracking dirt and mud onto roads.	Construction Supervisor	Construction
4)	Spoil, mud or the like spilt onto sealed roads to be removed within 24hrs or before end of shift (5pm AEDT if Newell HWY is affected) through use of a street sweeper or other means. Controls to minimise mud-tracking onto public roads will generally include rumble grids (i.e. similar to Pad 2), stabilised site access (i.e. rock, gravels, etc) or sheeting of the MAF with clean rock material (i.e. similar to Pad 4).	Construction Supervisor	Construction
5)	Mobile plant and vehicles, including deliveries must use designated travel routes, site access routes, site access tracks and lay down areas.	Construction Supervisor	Construction
6)	Any activities requiring the discharge of construction water off site will be undertaken in accordance with the PESCP.	All personnel / Environmental Manager	Construction
7)	Slashing limits (incl. vegetation to be retained) must be clearly identified and physically demarcated on-site. Slashing, clearing or other ground disturbance activities must not occur outside these areas unless otherwise approved in writing by the Environment Manager, or suitable delegate.	Construction Supervisor	Construction
8)	Groundcover to be re-established as soon as practicable to prevent erosion during construction.	Construction Supervisor	Construction
9)	In the event that an area or item of heritage significance, threatened species, contaminated material or asbestos containing materials (ACM) are discovered or suspected on-site, then all works affecting the find must cease immediately, the area secured and relevant Trans4m Rail's Unexpected Finds Procedure / Protocol will be implemented. Trans4m Rail's Environmental Manager (or delegate), ARTC and the Project Environmental Representative must be immediately notified of any unexpected finds. Other stakeholders (e.g. NSW EPA, OEH, DPIE, WaterNSW, Council, local landholders, etc) may also be notified depending on the nature and scale of the unexpected find.	All personnel / Construction Supervisor	Construction
10)	Any spills or leaks of chemicals, fuels, oils, effluent or any other hazardous substance that occurs during site establishment must be managed and reported in accordance with Trans4m Rail's Environmental Incident Response and Reporting Procedure.	All personnel / Construction Supervisor	Construction
11)	Refuelling activities must always be closely supervised. Plant and equipment being refuelled must not be left unattended for any period of time.	All personnel / Construction Supervisor	Construction

	Measure/Requirement	Responsibility	Timing/ frequency
12)	The land on which ancillary facilities, laydowns areas, access tracks and all other temporary works are located shall be rehabilitated to at least their pre-construction condition or better, unless otherwise agreed by the landowner.	Construction Supervisor	Construction
13)	<ul> <li>Weather forecast will be reviewed daily (via http://www.bom.gov.au/) and additional measures implemented where unfavourable weather conditions (i.e. hot, dry weather, high wind speed (&gt;10m/s)) are anticipated. Measures to be implemented during unfavourable weather conditions may include a reduction of speed, a modified construction methodology, alternative plant and equipment, altering the scheduled works or program for the day, additional water carts or ceasing dust generating activities until conditions are more favourable.</li> <li>Dust will be monitored and managed in accordance with the mitigation measures detailed in Project's CSWMP.</li> <li>In addition to this, the following measures will be undertaken;</li> <li>-Where practical, the MAF carpark and trafficked areas will be sheeted with clean rock / gravel material.</li> <li>-Increased training and surveillance of dust by key Project personnel (i.e. Superintendents, Supervisors, Operators etc).</li> <li>Stockpiling and material handling will be avoided in MAFs adjacent the Newell Hwy.</li> <li>-Long term stockpiles (&gt;1 month) will be compacted using an excavator bucket and soil binder applied (where practicable).</li> <li>-Where practicable, soil binder will be used on highly trafficked areas.</li> <li>- Material i.e. gravel, ballast, etc will be watered down prior to loading, handling and movement.</li> </ul>	Environmental Manager / Construction Supervisor	Construction
14)	The following dust control measures will be utilised to suppress dust being generated from access roads, laydown areas, ancillary facilities and all other exposed surfaces; water application via watercarts and alternative means (i.e. sprinklers, hoses), sealing or stabilisation of highly trafficked areas, dust screens, application of geofabric or jute mat or the application of soil binding agents. The frequency of use will be modified depending on the prevailing wind and weather conditions. <i>If dust impacts the Newell HWY at any stage, all works will cease until causation has been rectified.</i>	Construction Supervisor	Construction
15)	Exhaust systems of construction plant, vehicles and machinery will be maintained in accordance with manufacturer's specifications to ensure that emissions do not exceed EPA regulations. Periodic visual checks will be undertaken daily.	Construction Supervisor	Construction
16)	Waste will be segregated and collected on a regular basis to ensure odours associated with waste do not become an issue to surrounding sensitive receivers. All waste will be collected and disposed of at a licensed facility.	All personnel	Construction
17)	All works will be undertaken in accordance with the standard construction hours detailed in Condition of Approval E1.	Construction Supervisor	Construction
18)	Notification undertaken during construction would inform relevant stakeholders of the work locations and timing, and the potential for noise impacts.	Community Engagement Team	Construction
19)	Boundary screening will be erected if a site inspection determines that the MAF could significantly impact sensitive receivers.	Environment Manager /	Construction

Minor Ancillary Facility Checklist - (Tapscott Rd Ballast) - Rev. 1

	Measure/Requirement	Responsibility	Timing/ frequency
	Anti-gawking screens will be applied where required by a TfNSW Approval.	Construction Supervisor	
20)	Within the proposed MAF (Tapscott Rd Ballast) site a total area of ~100% was identified as Zone 4- PCT 52 Queensland bluegrass/Mitchell grass NOTE: As these are within the SPIR CIZ these have been accounted for in the Project's Approval and if removal is required will be offset under the projects Biodiversity Offset Strategy.		Construction

## 3. Certification

This Minor Ancillary Facility Checklist provides a true and fair review of the proposed activity for the Inland Rail N2NS upgrade project.

Signed:

Name: Maggie Wilton

Position: Trans4m Rail Enviro & Sustainability Admin Assistant

Date: 11/04/2022

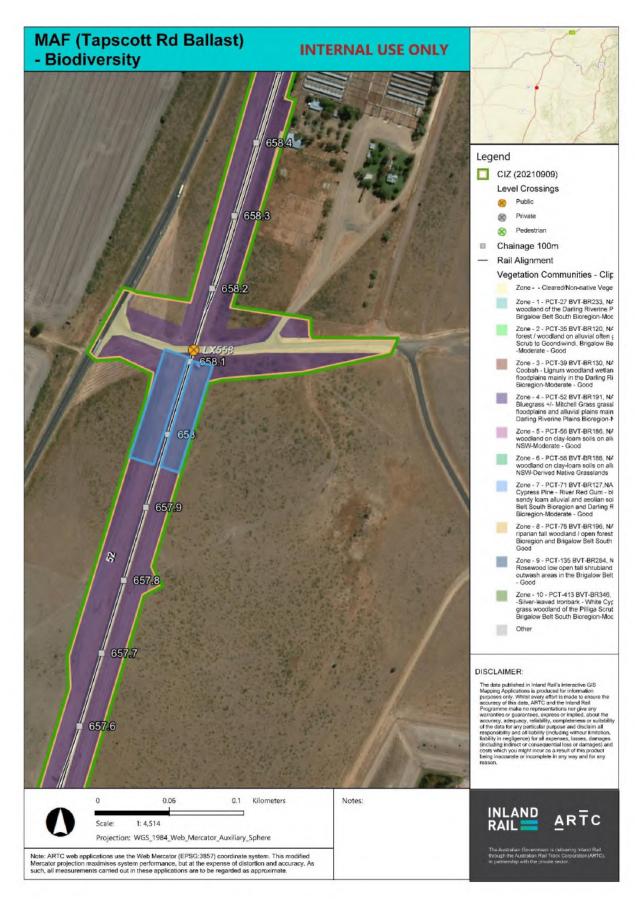
Signed:

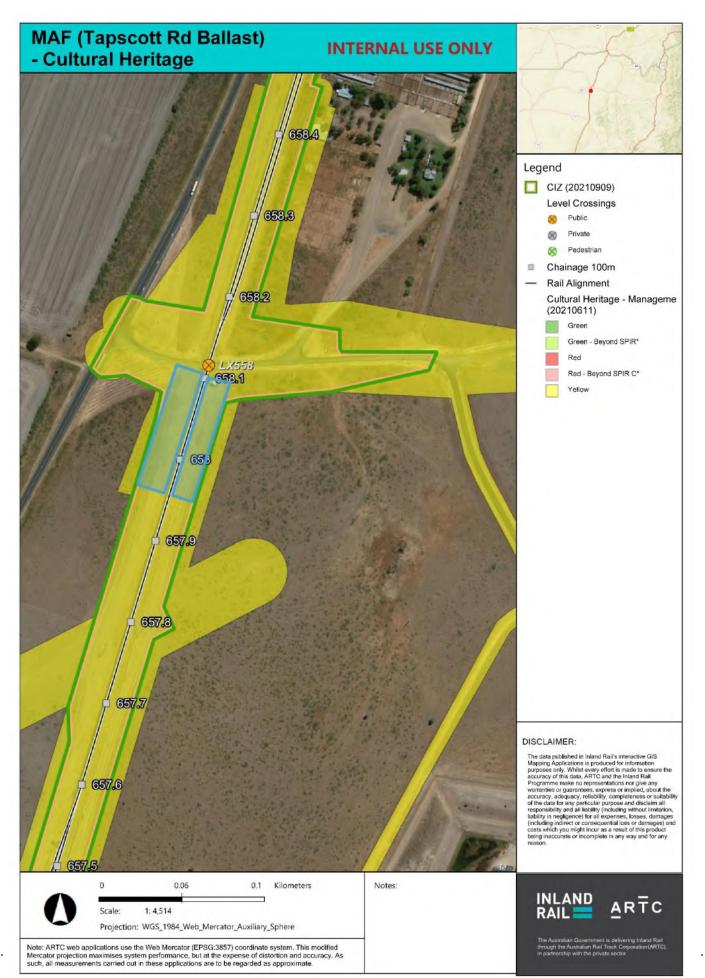
Name: Steve Fermio

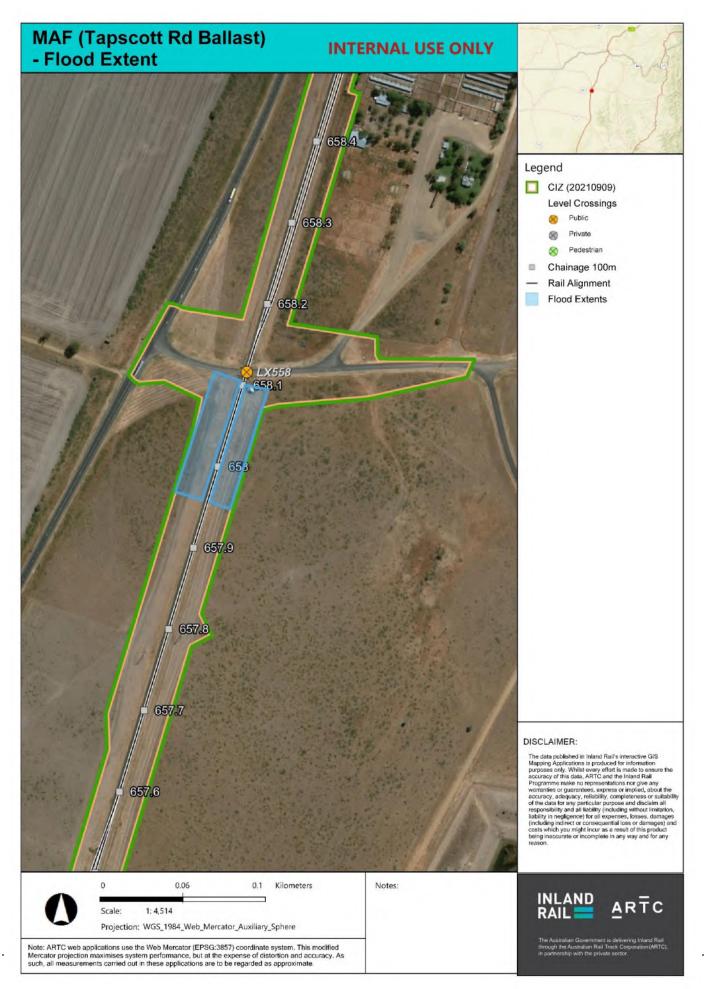
Position: Environmental Representative

Date: 26/4/22

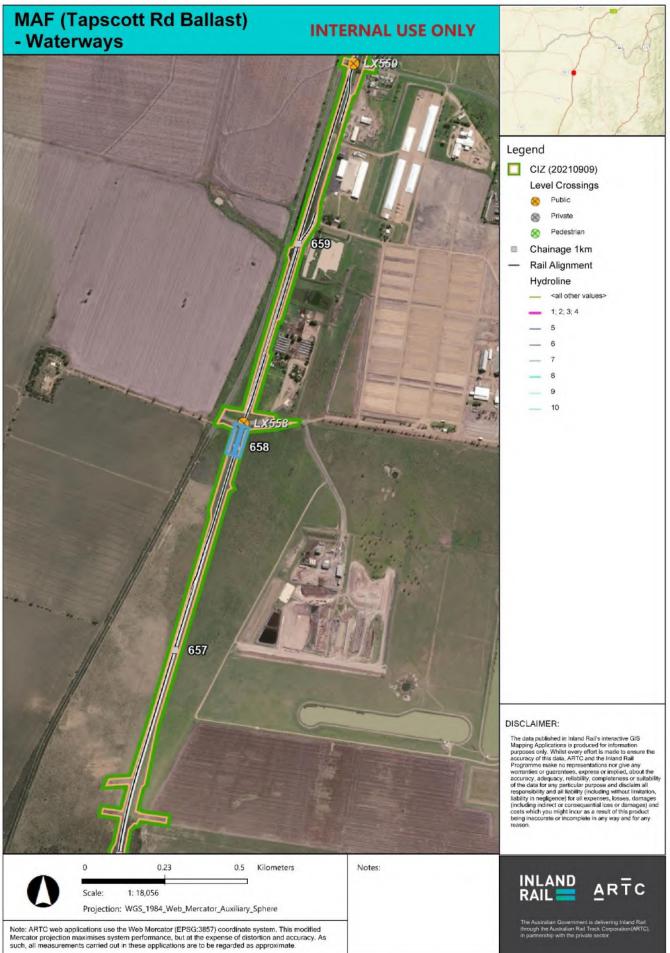
# Appendix A: Site Location (incl. Environmentally Sensitive Areas)











# **Appendix B: Site Location (Co-ordinates)**

# Eastern Polygon

1	Lat: 29.54040° S
_	Lon: 149.84456° E
2	Lat: 29.54047° S
-	Lon: 149.84482° E
3	Lat: 29.54157° S
•	Lon: 149.84441° E
4	Lat: 29.54149° S
•	Lon: 149.84420° E

# Western Polygon

1	Lat: 29.54018° S
	Lon: 149.84421° E
2	Lat: 29.54027° S
	Lon: 149.84452° E
3	Lat: 29.54145° S
	Lon: 149.84373° E
4	Lat: 29.54154° S
	Lon: 149.84405° E

	Level above MML (dB(A)) Additional mitigation measures	Noise Management Level (dB(A)) Level above background (dB(A))		Total SPL LAcq(15minute) (dB(A))										Front End Loader	Type/ model plant (See Sources Sheet)		Is all plant at the same representative distance to the receiver? YIN Representative distance (m)		LAcq(15minute) Noise mangement level (dB(A))		an and a state of a state of a state	RBL or Ligo Background level (dB(A))	Noise area category		Select area ground type Select type of background noise level input	Scenario name Receiver address	Project name	Please pick from drop-down list in orange cells	Name Inc. 4 information Internationality	Coveneeur   Services	Roads & Maritime	-MML Transport	
Abbreviation N PC 18 18	Day (00HW) 00HW Period 1 00HW Period 2 Standard Hours Day (00HW) 00HW Period 1 00HW Period 2	Day (00HW) 00HW Period 2 Standard hours Day (00HW) 00HW Period 1 00HW Period 2 Standard hours	Standard hours	(A))										100	SWL LAet (dB(A))	_	s to the receiver? Y/N n)	Night	Evening	Day (OOHW)	Night	Evening			evel input						Noise Esti		
Measure Notificition Phone calls Individual briefing Repte citia	11 11 11 11 11 11 11 11 11 11 11 11 11		Residential receiver	46										87	SPL @7m (d8(A))	10.000	Y 332 37						Vebresendury voise chyronnent	Descrassiveling Abiles Equipment	Undeveloped green fields (rural areas User Input	NNAF CH658 NNS_Rx0885	Inland Rail (N2)				Noise Estimator (Individual Plant)		
		5	Classroom at schools and other educational institutions 55												Quantity		All at Representative Distance	35	35	35	30	30	06 05	liner Innut	s with isolated dwellings)	5	(SN				nt)		
		\$ 8 8	Hospital wards and operating theatres 65											332 332	Individual distance to receiver (m)		(e) sleep dr (f) mitigatio (g) leam m	(d) predicte	(b) backgro	11. Document a sur	in the 1s there line of 10, I dentify and imp	<ol> <li>Identify the level</li> <li>Identify and impli</li> </ol>	(c) is there lapped and	(a) enter qu (b) where h	(b) where h 7. For the scenario	6. is all plant at the (a) where Y	(b) where u	<ol> <li>Select the type of</li> <li>Select the type of</li> </ol>	2. Enter receiver ad	1. Enter project nan	Of same		
		\$ \$ \$	Non-residential receivers Place of worship 55		Yes	Yes	Yes	Yes	59/ 541	Ves Ves	Yes		Ves tes	¥8	Is there line of sight to receiver? Y/N		sturbance affected distance for night works. In measures. ember responsible for implementing mitigatio	In any contrast of a consolution additional a memory report dealing. Solution, duration, hou becapion (rectading location, duration, hou anagement bevels a rundence all sets down time prinod, a traces levels for solarh time prinod, summer casponsible for implementing intigate mitter responsible for implementing mitigate	of sight to receiver' drop-down list. Rement feasible and reasonable additional m	<ul> <li>Street</li> <li>Enter rocken ranke (roll C3)</li> <li>Enter rocken ranke (roll C4)</li> <li>Enter rocken ranken (roll C4)</li> <li>Enter rocken ranken (roll C4)</li> <li>Enter rocken ranken (roll C4)</li> <li>Stect recken ranken (roll C4)</li></ul>													
		88	Active recreation 65		0 0	0 0	0 0	0 0	0 0	000	0			000	(dBA)	Disantity	n measures and ma		a of score, source and	s of work constructi	itiaation measures (	easible and reasona	vin list in cells F28 to , etc. Please note th	D47. to receiver for each	te drop-down list in	7 Select Y or N (ce ce in cell C25,	ckaround noise leve	Ive noise environme select the appropri-	a fields in a suma as				
		88	Passive recreation		0	0 0	0 0	0	0 0	000	0	000	000	000	correction (dBA)	Shialding	maging noise and		and managements	on methodology	see rows 63 to 65	o 62). ble. Include any s	F47. Solid barrie at vegetation and	) individual plant i	cells A28 to A47 (	1(24)	al for each time pe	eas mui isuiareu - int (to make assur ate noise area cat	since which is also and				
		76 76 76	industrial premise 75											332.37	Distance used in calculation (m)		vibration		former - bootstored	nlant notentially in		hielding implement	r can be in the form trees are not cons	n cells E28 to E47.	e.g. dump trucks +		riod (cells D17 to [	imptions) or user in reptions) or user in	dualization of data				
		70	Offices, retail outlets 70		-888	-888	-888-	-888	-888-	000 888- 888-	-500	-588	-000	41	n Contribution SPL (dB(A))				the second second second	nnartar rar avars		ted as part of the s	n of road cutting, sidered to be a form		excavator)		019)	put (where noise m he worksheet titled	and applicances i				
																			T same	atr 1		andard mitigation measures by chi	olid construction hoarding, acoustic of solid barner.					<ul> <li>rg. underi and suburban area;</li> <li>onitoring data is available);</li> <li>Representative Noise Environ." pr</li> </ul>	the subset and subsets as asset				

# **Appendix C: Noise Estimator**

oustic curtain, timber by changing the sele

Minor Ancillary Facility Checklist - (Tapscott Rd Ballast) - Rev. 1

# **Minor Ancillary Facility Checklist**

## 1. Criteria for Minor Ancillary Facilities

The Project's Conditions of Approval (CoA) allows for the establishment and operation of Minor Ancillary Facilities on the Narrabri to North Star (N2NS) Project. Condition A21 states:

CoA A21 Facilities including lunch sheds, office sheds, material lay down sites, stockpile areas, areas used to assemble infrastructure, and portable toilet facilities can be established and operated where they satisfy the following criteria:

- (a) are located within the construction boundary; and
- (b) have been assessed by the ER to have
  - *i.* low amenity impacts to surrounding residences and businesses, after consideration of matters such as compliance with the interim Construction Noise Guideline (DECC, 2009), traffic and access impacts, dust and odour impacts and visual (including light) impacts, and
  - ii. Low environmental impact with respect to waste management and flooding, and
  - iii. No impacts on biodiversity, soil and water and heritage items beyond those already approved under the other terms of this approval.

This Minor Ancillary Facility Checklist has been prepared to assess the proposed Minor Ancillary Facility against the requirements of CoA A21 and all other environmental requirements. Mitigation measures have also been provided to ensure that any environmental risks or impacts to the Community are suitably managed.

These facilities will be located in accordance with the criteria listed in Table 2 and submitted to the Project's Environmental Representative (ER) for approval prior to site works commencing.

Site Name:	Minor Ancillary Facility 589.70 Gate 6 Tarlee Caravan
Location:	CH589.7 (Narrabri, NSW)
Chainage:	CH589.55 – CH589.8
Program*:	Construction: March 2022 Occupation: March 2022 – April 2023
Land Use:	RU1 – Primary Production (Source: Narrabri Shire Council LEP)
Footprint / Size:	<7,500m <sup>2</sup>
Use:	<ul> <li>Minor Ancillary Facility (CH589.7- Tarlee Caravan) will be utilised for the following purposes:</li> <li>Trailer based (mobile) site office, port-o-loo and generator.</li> <li>Carparking for site personnel.</li> <li>General Storage</li> <li>Laydown and structures</li> </ul>
Site Surroundings:	<ul> <li>Minor Ancillary Facility (Tarlee Caravan) is surrounded by:</li> <li>North: Rail Line, agricultural (cropping) land.</li> <li>East: Rail line, Newell Highway, sparsely vegetated land, and agricultural (cropping) land.</li> <li>South: Rail line, LX3060, and agricultural (cropping) land.</li> <li>West: Agricultural (cropping) land.</li> <li>Access to Minor Ancillary Facility (Tarlee Caravan) will be provided via an existing local Rd (Tarlee Road) at LX543, CH593.35.</li> </ul>

Table 1: Minor Ancillary Facility – Site Description

	Entry/Exit will be operated as per Vehicle Movement Plan in Appendix D, facilitated under TfNSW Road Occupancy Licence, detailed in Appendix E.
Site Establishment Process:	<ul> <li>The below sets out the scope of works for the proposed Minor Ancillary Facility:</li> <li>The proposed footprint of the MAF will be demarcated in the field using hivisibility flagging (or other approved method) and "No-Go Zone" signage.</li> <li>Topsoil will be stripped and utilised for erosion and sediment controls. The topsoil stockpiled / windrowed will be hand seeded.</li> <li>During topsoil stripping in the Five-clawed Worm-skink habitat, fauna spotter-catchers will be present, further mitigation methods are addressed below.</li> <li>Establishment of the site's erosion and sediment controls will be progressively installed in accordance with the site's Progressive Erosion and Sediment Control Plan.</li> <li>Mobilisation of site facilities: The trailer based (caravan-style) site office, port-oloo and generator will be mobilised to site.</li> <li>The site compound will be assessed in the field for visual impact to neighbouring sensitive receivers. If the visual impact is deemed moderate or high, ATF style fencing and screening will be installed.</li> <li>NOTE: No bulk earthworks are required for the establishment of MAF (Tarlee Caravan).</li> </ul>

\*NOTE: Subject to weather and unexpected site conditions

#### Table 2: Minor Ancillary Facility - Criteria

Criteria	Compliant (Y) Yes (N) No	Comments
Located within the construction boundary as defined by the approval (CoA A21(a)).	Y	Minor Ancillary Facility (Tarlee Caravan) occurs on land that occurs within the Project's Submission Preferred Infrastructure Report (SPIR) Construction Impact Zone and the CIZ – Construction WIP (20210909).
		Refer to Appendix A for the location.
Compliance with the Interim Construction Noise Guideline (CoA A21(b)(i)	Y	Two sensitive (residential) receivers were identified within 1km of the proposed MAF (Tarlee Caravan) site.
		640.03m NNS_Rx0738
		646.86m NNS_Rx0737
		The TfNSW Noise Estimator Tool was used to predict the anticipated noise impact associated with the establishment of the proposed MAF (Tarlee Caravan). One (1) noise scenario was run representing worse possible case scenario (i.e. the most noise intensive activity – establishment) NOTE: The noise assessment assumes all plant / equipment will be operating simultaneously and operating at the nearest boundary to the landholder. The scenario being:
		Scenario 1: MAF establishment (i.e grader, tracked excavator, delivery truck).
		The extracts from the noise model are provided in Appendix C.
		The findings of the noise assessment can be summarised by the following:
		- Sensitive receivers are located at the following locations:
Inland Rail – Narrahri to North Star		o NN3_Rx0738, located 640.03m North-East of the proposed MAF. This sensitive receiver is expected to experience noise impacts

Criteria	Compliant (Y) Yes (N) No	Comments
		of 36dB, which is 4dB below the daytime NML for the Project. Refer to Appendix C.
		o NN3_Rx0737, located 646.86 North-East of the MAF. This Sensitive Receiver is expected to experience noise impacts of 36dB, which is 4dB below the daytime NML for the project.
		- The noise assessment also identified that no sensitive receivers will be highly noise impacted (>75dB) by the works.
		Prior to site establishment works commencing, all potentially impacted landholder/s will be consulted regarding potential noise impacts associated with the establishment and operation of MAF (Tarlee Caravan).
At least 50m from watercourses and outside the 5% AEP flood zone (CoA	Y	The proposed MAF (Tarlee Caravan) is not located within 50 metres of anyways or drainage lines.
A21(b)(ii))		The proposed MAF (Tarlee Caravan) site is outside the area impacted by the existing 5% AEP local (blue highlighted in Appendix A).
Not within areas identified as threatened communities or	Y	Approximately <3,700m <sup>2</sup> (~100%) of the proposed MAF (Tarlee Caravan) site is mapped as
species habitats beyond those already approved		- Zone 0 - Cleared/Non-native Vegetation
under the terms of the project approval (CoA A21(b)(iii)		All vegetation within the SPIR CIZ has been accounted for within the clearing limits detailed in CoA Table E1 and will be offset in accordance with ARTC's Biodiversity Offset Strategy.
No significant impacts to utilities, primarily gas and electricity	Y	The establishment and operation of MAF (Tarlee Caravan) will not result in significant impacts to existing gas, electrical, water or communications utilities.
Not on or near sites with known Aboriginal or non- Aboriginal heritage (CoA A21(b)(iii)	Y	No areas or items of Aboriginal or non-Aboriginal significance have been identified within the area impacted by the proposed MAF (Tarlee Caravan) site.
		The Aboriginal Cultural Heritage Management Plan, Narrabri to North Star – Separable Portion 1 (N2NS SP1), dated 18th December 2020 has been reviewed and there are no areas or items that require further salvage or survey.
Safe access to the road network and rail corridor and low impacts on traffic and	Y	Access to Minor Ancillary Facility (Tarlee Caravan) will be available north of the MAF site via an existing local Rd (Tarlee Road) at LX543, CH593.35.
access (CoA A21(b)(i)		Refer to Appendix D for further details.
Relatively flat land	Y	Minor Ancillary Facility (Tarlee Caravan) is located on relatively flat land with <1m fall across the site.
Low environmental impact with respect to waste management and flooding (CoA A21(b)(ii)	Y	The establishment and operation of the proposed MAF (Tarlee Caravan) will generate minor waste volumes. These waste streams will generally consist of the following: • Wastewater
		<ul> <li>Wastepaper / cardboard</li> </ul>

Criteria	Compliant (Y) Yes (N) No	Comments
		<ul> <li>Rubbish and debris</li> <li>Food waste</li> <li>The volumes of waste generated will be reduced and reuse will be maximised by implementing the mitigation measures detailed in Section 2 below.</li> <li>Flooding risk has been addressed above.</li> </ul>
No impacts on biodiversity, soil and water, and heritage items beyond those already approved under SSI 7474 approval (CoA A21(b)(iii)	Y	The environmental impacts associated with the establishment and operation of Minor Ancillary Facility (Tarlee Caravan) are considered minor and consistent with those impacts approved under SSI 7474.
Boundary screening around all facilities adjacent to and visible from sensitive receivers for the duration of use of the ancillary facility unless otherwise agreed with the relevant council and affected residents, business operators or landowners (COA A22)	Y	Minor Ancillary Facility (Tarlee Caravan) will be assessed for visual impact from any surrounding sensitive receivers. Screening will be applied where the MAF site represents a moderate to high visual impact.

A locational map, environmental constraints and co-ordinates have been provided in Appendix A and B.

## 2. Mitigation Measures

Based on the site details and environmental constraints identified in Table 1 and Table 2 above, the key environmental risks associated with the establishment and operation of the Minor Ancillary Facility (Tarlee Caravan) include:

- Dust and associated impacts to air quality resulting from access and use; and
- Noise impacts to surrounding sensitive receivers.

With the implementation of the mitigation measures detailed in Table 3 below, these impacts are considered to be minor and consistent with those impacts assessed and approved under CSSI 7474.

 Table 3: Minor Ancillary Facility – Mitigation Measures

	Measure/Requirement	Responsibility	Timing/ frequency
1)	<ul> <li>Site inductions will include the following specific components for biodiversity, noise, dust, surface water, erosion &amp; sediment control management: <ul> <li>Awareness of General Environmental Duty and Duty to Notify, (legislative obligations)</li> <li>The requirement for erosion and sediment control devices to be implemented and maintained in accordance with the Erosion &amp; Sediment Control Plan</li> <li>Waste Management</li> <li>The mapped, native vegetation occurring within and adjacent the site and the significance of the TEC.</li> <li>The No-Go Zones for the MAF, incl. the significance of this control and the environmental constraints it's protecting i.e. mapped TEC, threatened species, etc.</li> <li>Hours of operation.</li> </ul> </li> </ul>	Environmental Manager	Pre- construction
	<ul> <li>General noise related mitigation measures.</li> </ul>		

	Measure/Requirement	Responsibility	Timing/ frequency
2)	Progressive Erosion and Sediment Control Plans (PESCPs) will be developed by Trans4m Rail's CPESC and implemented prior to and during site establishment.	Environmental Manager	Pre- construction
3)	Controls must be in place to prevent tracking dirt and mud onto roads.	Construction Supervisor	Construction
4)	<ul> <li>Spoil, mud or the like spilt onto sealed roads to be removed within 24hrs or before end of shift (5pm AEDT if Newell HWY is affected) through use of a street sweeper or other means.</li> <li>Controls to minimise mud-tracking onto public roads will generally include rumble grids (i.e. similar to Pad 2), stabilised site access (i.e. rock, gravels, etc) or sheeting of the MAF with clean rock material (i.e. similar to Pad 4).</li> </ul>	Construction Supervisor	Construction
5)	Mobile plant and vehicles, including deliveries must use designated travel routes, site access routes, site access tracks and lay down areas.	Construction Supervisor	Construction
6)	Any activities requiring the discharge of construction water off site will be undertaken in accordance with the PESCP.	All personnel / Environmental Manager	Construction
7)	Slashing limits (incl. vegetation to be retained) must be clearly identified and physically demarcated on-site. Slashing, clearing or other ground disturbance activities must not occur outside these areas unless otherwise approved in writing by the Environment Manager, or suitable delegate.	Construction Supervisor	Construction
8)	Groundcover to be re-established as soon as practicable to prevent erosion during construction.	Construction Supervisor	Construction
9)	In the event that an area or item of heritage significance, threatened species, contaminated material or asbestos containing materials (ACM) are discovered or suspected on-site, then all works affecting the find must cease immediately, the area secured and relevant Trans4m Rail's Unexpected Finds Procedure / Protocol will be implemented. Trans4m Rail's Environmental Manager (or delegate), ARTC and the Project Environmental Representative must be immediately notified of any unexpected finds. Other stakeholders (e.g. NSW EPA, OEH, DPIE, WaterNSW, Council, local landholders, etc) may also be notified depending on the nature and scale of the unexpected find.	All personnel / Construction Supervisor	Construction
10)	Any spills or leaks of chemicals, fuels, oils, effluent or any other hazardous substance that occurs during site establishment must be managed and reported in accordance with Trans4m Rail's Environmental Incident Response and Reporting Procedure.	All personnel / Construction Supervisor	Construction
11)	Refuelling activities must always be closely supervised. Plant and equipment being refuelled must not be left unattended for any period of time.	All personnel / Construction Supervisor	Construction
12)	The land on which ancillary facilities, laydowns areas, access tracks and all other temporary works are located shall be rehabilitated to at least their pre-construction condition or better, unless otherwise agreed by the landowner.	Construction Supervisor	Construction
13)	Weather forecast will be reviewed daily (via http://www.bom.gov.au/) and additional measures implemented where unfavourable weather conditions (i.e. hot, dry weather, high wind speed (>10m/s)) are anticipated. Measures to be implemented during unfavourable weather conditions may include a reduction of speed, a modified construction methodology, alternative plant and equipment, altering the scheduled works or	Environmental Manager / Construction Supervisor	Construction

	Measure/Requirement	Responsibility	Timing/ frequency
	<ul> <li>program for the day, additional water carts or ceasing dust generating activities until conditions are more favourable.</li> <li>Dust will be monitored and managed in accordance with the mitigation measures detailed in Project's CSWMP.</li> <li>In addition to this, the following measures will be undertaken;</li> <li>Where practical, the MAF carpark and trafficked areas will be sheeted with clean rock / gravel material.</li> <li>Increased training and surveillance of dust by key Project personnel (i.e. Superintendents, Supervisors, Operators etc).</li> <li>Stockpiling and material handling will be avoided in MAFs adjacent the Newell Hwy.</li> <li>Long term stockpiles (&gt;1 month) will be compacted using an excavator bucket and soil binder applied (where practicable).</li> <li>Where practicable, soil binder will be used on highly trafficked areas.</li> <li>Material i.e. gravel, ballast, etc will be watered down prior to loading, handling and movement.</li> </ul>		
14)	The following dust control measures will be utilised to suppress dust being generated from access roads, laydown areas, ancillary facilities and all other exposed surfaces; water application via watercarts and alternative means (i.e. sprinklers, hoses), sealing or stabilisation of highly trafficked areas, dust screens, application of geofabric or jute mat or the application of soil binding agents. The frequency of use will be modified depending on the prevailing wind and weather conditions. <i>If dust impacts the Newell HWY at any stage, all works will cease until causation has been rectified.</i>	Construction Supervisor	Construction
15)	Exhaust systems of construction plant, vehicles and machinery will be maintained in accordance with manufacturer's specifications to ensure that emissions do not exceed EPA regulations. Periodic visual checks will be undertaken daily.	Construction Supervisor	Construction
16)	Waste will be segregated and collected on a regular basis to ensure odours associated with waste do not become an issue to surrounding sensitive receivers. All waste will be collected and disposed of at a licensed facility.	All personnel	Construction
17)	All works will be undertaken in accordance with the standard construction hours detailed in Condition of Approval E1.	Construction Supervisor	Construction
18)	Notification undertaken during construction would inform relevant stakeholders of the work locations and timing, and the potential for noise impacts.	Community Engagement Team	Construction
19)	Boundary screening will be erected if a site inspection determines that the MAF could significantly impact sensitive receivers. Anti- gawking screens will be applied where required by a TfNSW Approval.	Environment Manager / Construction Supervisor	Construction

## 3. Certification

This Minor Ancillary Facility Checklist provides a true and fair review of the proposed activity for the Inland Rail N2NS upgrade project.

Signed:

Signed: KMaccone

Name: Kristian Hancock Position: Trans4m Senior Environmental Advisor

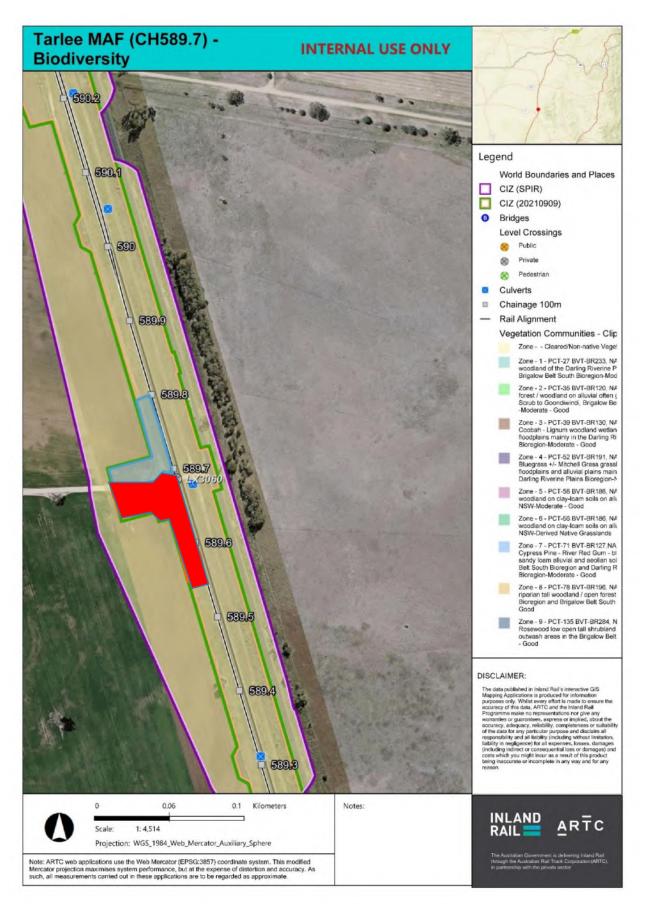
Date: 17/04/2022

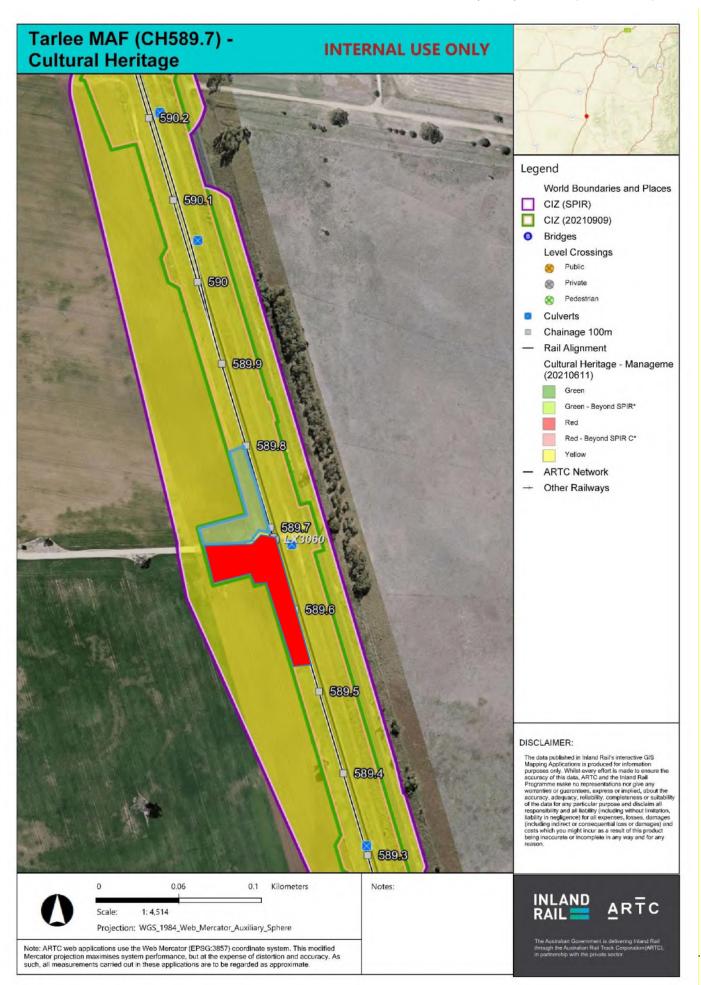
Name: Steve Fermio Position: Environmental Representative

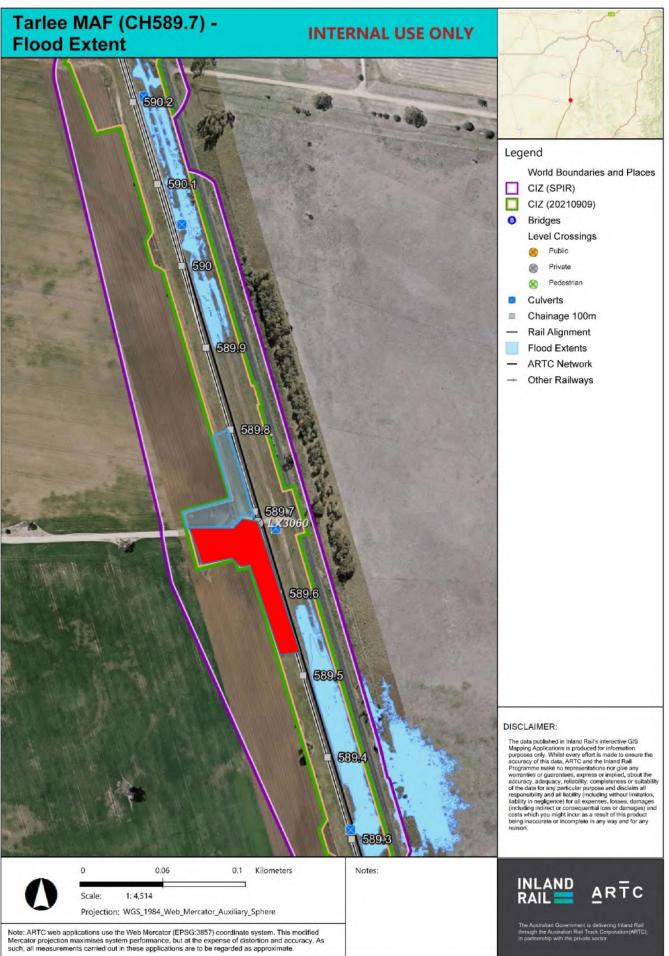
Date: 26 / 4 /2022

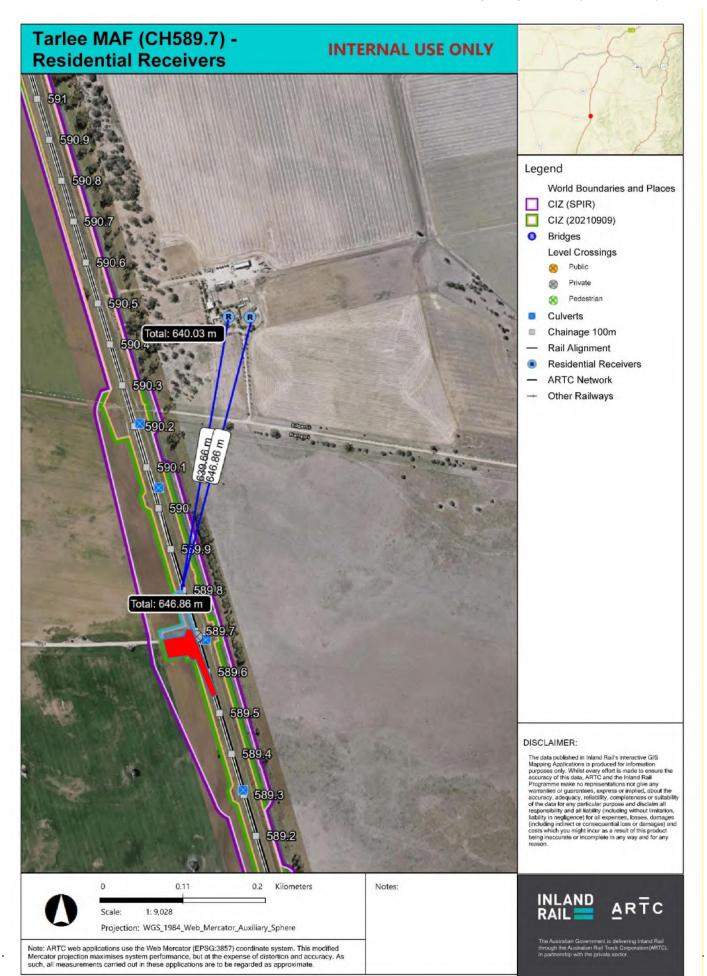
Note: This MAF approval does not constitute in any way an authorisation of the traffic control and entry / exit arrangements for light and heavy vehicles at this site. These are subject to separate approval by, and the requirements of, TfNSW (or Local Council) through the relevant Road Occupancy Licence/s, Speed Zone Authorisation/s, Traffic Management Plan or any other TfNSW or Local Council regulatory requirements.

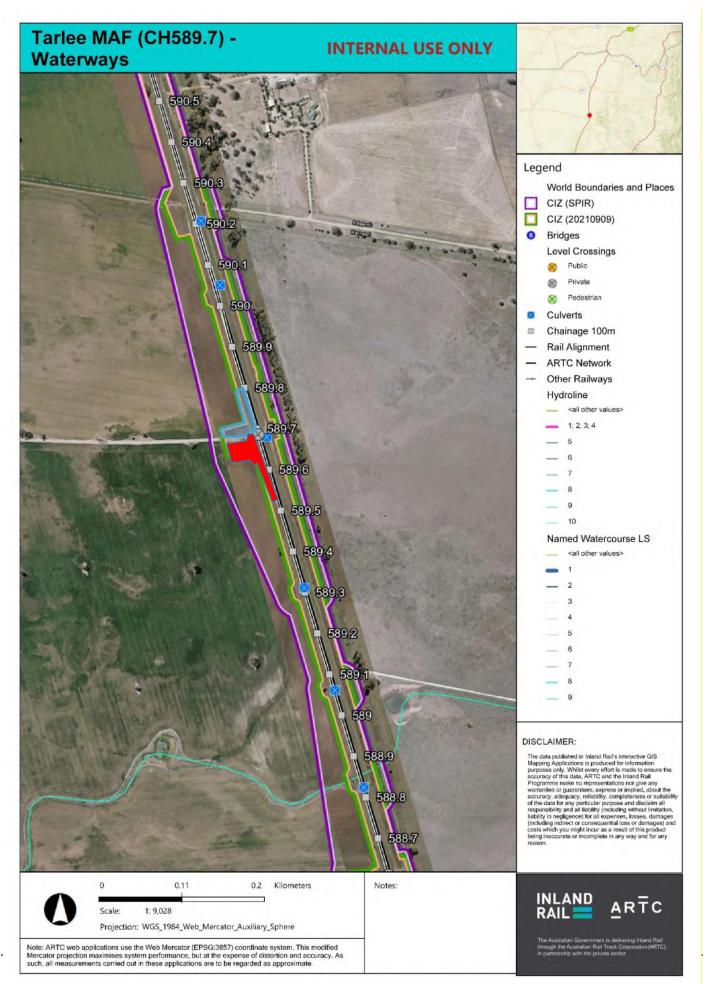
# Appendix A: Site Location (incl. Environmentally Sensitive Areas)







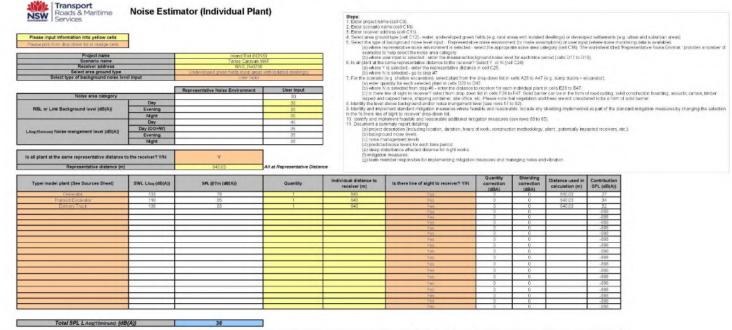




# **Appendix B: Site Location (Co-ordinates)**

1	Lat: 30.14828° S
_	Lon: 149.80898° E
2	Lat: 30.14835° S
_	Lon: 149.80871° E
3	Lat: 30.15012° S
•	Lon: 149.80960° E
4	Lat: 30.15019° S
•	Lon: 149.80938° E

### **Appendix C: Noise Estimator**



					Non-residential receivers				
		Residential receiver	Classroom at schools and other educational institutions	Hospital wards and operating theatres	Place of worship	Active recreation	Passive recreation	Industrial premise	Offices, retail outlet
	Standard hours	40	65	65	56	65	60	75	70
Noise Manapement Level (dB(A))	Day (DOHW)	35	65	65	55	65	60	78	70
notes anongement care (an(A))	OOHW Period 1	35		65	56	65	60	75	70
	OOHW Period 2	35		65	55			75	70
( and shows besterning (dB/d1)	Standard hours	6							
	Day (OOHW)	6							
reversioners merground instruct	OOHW Period 1	6							
	OOHW Period 2	6					recreation recreation		
Level above background (dB(A))	Standard hours								
Level above NML (dB(A))	Day (OOHW)	1					-		
rever move wer (ant/d)	OOHW Period 1	1							
	OOHW Period 2	4							
	Standard Hours								
Additional mitigation measures	Day (OOHW)								
Automorian maganen measures	OOHW Period 1			Concernance and the second					
	00HW Period 2	14							

Abbreviation	Measure
N	Notification
\$N	Specific notifications
FĆ	Phone calls
B	Individual briefings
RO	Respite offer
51	Respite period 1
82	Respite period 2
DR	Duration respite
AA	Alternative accommodation
V	Varification

## **Appendix D: Vehicle Movement Plan**



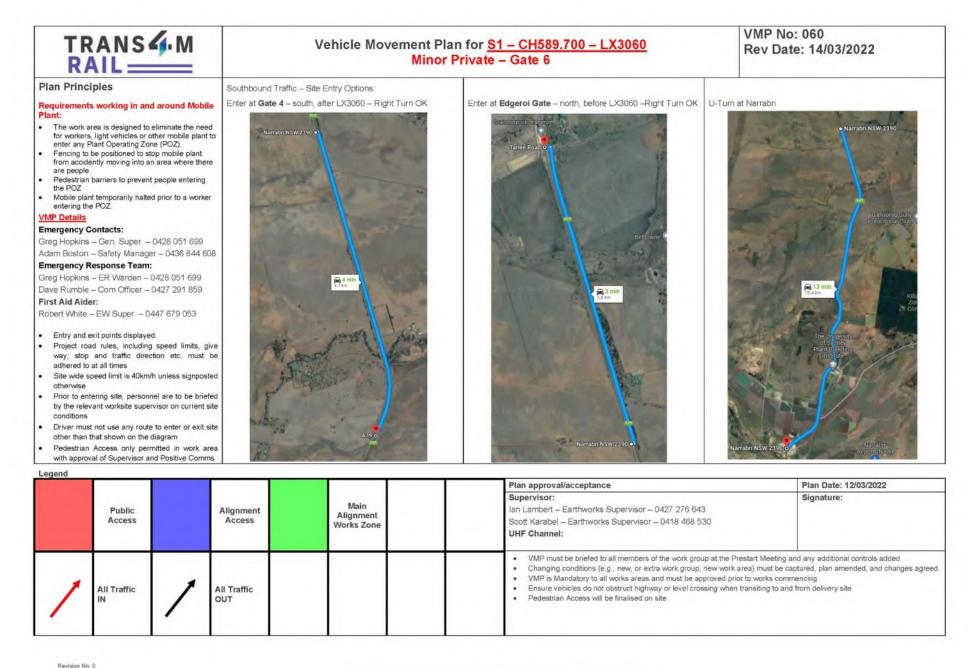
						Plan approval/acceptance	Plan Date: 11/03/2022
	Public Access		Alignment Access	Main Alignment Works Zone	General Laydown (See below)	Supervisor: lan Lambert – Earthworks Supervisor – 0427 276 643 Scott Karabel – Earthworks Supervisor – 0418 468 530 UHF Channel:	Signature:
/	All Traffic IN	1	All Traffic OUT			VMP must be briefed to all members of the work group at the Prestant     Changing conditions (e.g., new, or extra work group, new work area)     WMP is Mandatory to all works areas and must be approved prior to w     Ensure vehicles do not obstruct highway or level crossing when transi     Pedestrian Access will be finalised on site.	nust be captured, plan amended, and changes agreed. orks commencing.

Revision No: 0 Issue Date: 04/02/2022

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Page 1

#### Minor Ancillary Facility Checklist - (Tarlee Caravan) - Rev. 3



Issue Date: 04/02/2022

# 

#### **Plan Principles**

#### Requirements working in and around Mobile Plant:

- The work area is designed to eliminate the need for workers, light vehicles or other mobile plant to enter any Plant Operating Zone (POZ).
- Fencing to be positioned to stop mobile plant from accidently moving into an area where there are people.
- Pedestrian barriers to prevent people entering the POZ
- Mobile plant temporarily halted prior to a worker entering the POZ.

#### VMP Details

#### Emergency Contacts:

Greg Hopkins – Gen. Super. – 0428 051 699 Adam Boston – Safety Manager – 0436 844 608

#### Emergency Response Team:

Greg Hopkins – ER Warden – 0428 051 699 Dave Rumble – Com Officer – 0427 291 859

First Aid Aider:

Robert White - EW Super. - 0447 679 053

#### Entry and exit points displayed.

- Project road rules, including speed limits, give way; stop and traffic direction etc. must be adhered to at all times
- Site wide speed limit is 40km/h unless signposted otherwise
- Prior to entering site, personnel are to be briefed by the relevant worksite supervisor on current site conditions
- Driver must not use any route to enter or exit site other than that shown on the diagram
- Pedestrian Access only permitted in work area with approval of Supervisor and Positive Comms

		d	

Vehicle Movement Plan for <u>S1 – CH589.700 – LX3060</u> Minor Private – Gate 6	VMP No: 060 Rev Date: 14/03/2022
	2883
	A CONTRACTOR

					Plan approval/acceptance	Plan Date: 11/03/2022
Materials Laydown	Crib Facilities		LV Carpark	HV Car	Supervisor: lan Lambert – Earthworks Supervisor – 0427 276 643 Scott Karabel – Earthworks Supervisor – 0418 468 530 UHF Channel:	Signature:
Lime Storage	Ballast	_	Delineation Pedestrian Access	Mixed Access LV Acce HV Acce Solid 2-V Dash 1-V	<ul> <li>Pedestrian Access will be finalised on site.</li> </ul>	nust be captured, plan amended, and changes agreed. orks commencing.

NSW

Transport Roads & Maritime

Services

# Appendix E: Road Occupancy Licence (ROL)

ROAD OCCUPANCY LICENCE

#### LICENCE NO : 556329

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMENT Project This Activity :	- NEW CONSTRUCTION Not Applicable In Land Rail. Narrabri to North Star. Newell Highway Section from Narrabri to Gurley. Work Description: Survey, Vegetation maintenance Light Vehicle Movements, Minor Heavy Vehicle	From: To: Council:		WE KA	ject Road: NEWELL HWY m: WEE WAA RD, M KANIMBLA RD, d						
	Movements <20										
LICENSEE		ONSITE	CONT	ACT							
Organisation:	Trans4m Rail Joint Venture	Name:		Lui	ke McG	Goldrick					
Ref No:		Phone:		04	137775	63					
Name:	Luke McGoldrick										
Phone:	0413777563										
TRAFFIC MANAG	GEMENT	LICENCE	E DUR		N						
-low Management	Contra Flow; Standard Lane Merge; Mobile Works;	From:		21-	Mar-20	022					
	Portable Signals; Short Term / Intermittent Works;	То:		20-	Apr-20	22					
	Stop / Slow Control										
Closure Type:	All lanes both directions										
Closure Lane(s):	Shoulder; Median Shoulder										
Direction(s):	All Directions										
LICENCE COND	ITIONS		APPR	OVE		ES&T	IMES	3			_
			1		Shift				То	Shift	
https://myrol.tra	insport.nsw.gov.au TO ACTIVATE AND DEACTIVA		From	D	м	Time	-	То	D	м	Tim
CONTROL SIG	APPROVED ROAD OCCUPANCY LICENCE(S). (TO CHANGE TR. CONTROL SIGNALS TO FLASHING YELLOW OR TO ACTIVATE		Mon	21	Mar	00:00	-	Tue	22	Mar	00:0
	VARIABLE MESSAGE SIGNS DIAL 1800 679 782)		Tue	22	Mar	00:00	-	Wed	23	Mar	00:00
	E IS NOT AN APPROVAL OF THE PROPONENT'S THEMES (TGS). PLEASE NOTE WORKCOVER RE		Wed	23	Mar	00:00	-	Thu	24	Mar	00:00
THAT TRAFFIC	C GUIDANCE ŚCHEMES (TGS) COMPLY WITH AS	1742.3	Thu	24	Mar	00:00	-	Fri	25	Mar	00:0
	RELATING TO NOISE GENERATION OR OTHER TAL FACTORS ON SITE ARE UNDER THE JURISI		Fri	25	Mar	00:00	-	Sat	26	Mar	
OF THE LOCA	L COUNCIL AND/OR THE ENVIRONMENTAL PRO	TECTION	Sat	26	Mar	00:00	-	Sun	27		00:0
AUTHORITY.		-	Sun	27	Mar	00:00	-	Mon	28		00:00
	PROPOSED WORKS INVOLVE UNDERBORING C OF STATE ROAD ASSETS OR THE REMOVAL OF		Mon	28	Mar	00:00	-	Tue	29		00:0
	DETAILS OF WORKS MUST BE APPROVED BY T R SYDNEY REGION CONTACT:	FNSW.	Tue Wed	29 30	Mar	00:00	-	Wed Thu	30 31		00:00
greatersydneyr	oads@transport.nsw.gov.au. FOR REGIONAL & OL	TER	Thu	31	Mar Mar	00:00	2	Fri	01	Apr	00:0
	AN. CONTACT: road.access@transport.nsw.gov.au.		Fri	01	Apr	00:00	2	Sat	02	Apr	00:0
	I TO AFFECTED BUSINESSES, RESIDENTS AND RS MUST BE UNDERTAKEN AT LEAST 5 BUSINE		Sat	02	Apr	00:00		Sun	03	Apr	00:0
	RKS COMMENCING		Sun	03	Apr	00:00	-	Mon	04	Apr	00:0
	OVANCE WARNING MUST BE PROVIDED TO G MOTORISTS.		Mon	04	Apr	00:00	-	Tue	05	Apr	00:0
	ONITORING OF END-OF-QUEUE CONDITION MU	STRE	Tue	05	Apr	00:00	-	Wed	06	Apr	00:0
IMPLEMENTED	D. IF QUEUING CONTRARY TO CONDITIONS OF	THIS	Wed	06	Apr	00:00	-	Thu	07	Apr	00:00
	URS, THEN THE ROAD MUST BE RE-OPENED AI UE MUST BE CLEARED.	ND.	Thu	07	Apr	00:00	-	Fri	08	Apr	00:0
	TRAFFIC QUEUE MUST BE CLEARED. THE 40SZA IS TO BE USED ONLY WHEN TRAFFIC CONTROL		Fri	08	Apr	00:00	-	Sat	09		00:0
MEASURES H	AVE BEEN IMPLEMENTED AND ROAD WORKS A		Sat	09	Apr	00:00	-	Sun	10		00:0
LENGTH.	PROGRESS. 40KM/H ZONE SHOULD NOT EXCEED 500 METRES LENGTH.		Sun	10	Apr	00:00	-	Mon	11		00:0
	SES OF TRAFFIC RESULTING FROM ACTIVITIES		Mon	11	Apr	00:00	-	Tue	12		00:0
LICENCE MUS	T NOT EXCEED 5 MINUTES PER INSTANCE OR I		Tue	12	Apr	00:00	-	Wed	13		00:0
	ENGTH. ALL TRAFFIC QUEUES MUST BE CLEARED			10	Anr	00:00	-	Thu	14	Apr	00:0
500 METRES I			Wed	13 14	Apr Apr	00:00	-	Fri	15	Apr	00:0

All pages of this Road Occupancy Licence and associated Speed Zone Authorisation(s) must be available on site at all times and must be produced for inspection when requested by representatives of NSW Police, Roads & Maritimes Services, Transport for NSW and other Government Agencies.

Page 1 of 8

## ROAD OCCUPANCY LICENCE



Transport Roads & Maritime Services

#### LICENCE NO : 556329

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

	- NEW CONSTRUCTION			NE							
Project: This Activity :	Not Applicable In Land Rail, Narrabri to North Star, Newell	Subject R From:	Road: NEWELL HWY WEE WAA RD, NARR					BRI			
This Activity .	Highway Section from Narrabri to Gurley.	To:									
	righway Section noin Narrabinto Suney.	Council:		KANIMBLA RD, GURLEY NARRABRI							
	Work Description: Survey, Vegetation maintenance										
	Light Vehicle Movements, Minor Heavy Vehicle										
	Light vehicle movements, minor Heavy vehicle Movements <20										
LICENSEE		ONSITE	CONT	ACT							
Organisation:	Trans4m Rail Joint Venture	Name:		Lui	ke McC	Boldrick					
Ref No:		Phone:		04	137775	563					
Name:	Luke McGoldrick										
Phone:	0413777563										
TRAFFIC MANAG	GEMENT	LICENC	EDUR	ATIO	N						
Flow Management	Contra Flow; Standard Lane Merge; Mobile Works;	From:		21-	Mar-2	022					
	Portable Signals; Short Term / Intermittent Works;	To:	20-Apr-2022								
	Stop / Slow Control										
Closure Type:	All lanes both directions										
Closure Lane(s):	Shoulder; Median Shoulder										
Direction(s):	All Directions										
LICENCE COND	ITIONS		APPR	OVE	DDAT	ES&T	IMES	3			
	RAFFIC SIGNALS MUST BE IN ACCORDANCE WIT	гн			Shift				То	Shift	
AUSTRALIAN STANDARDS AND APPROVED FOR USE BY TFN:			From	D	M	Time	-	То	D	M	Time
INSTALLATION OF PORTABLE TRAFFIC SIGNALS MUST COMP THE TRAFFIC CONTROL AT WORKSITES MANUAL. TRAFFIC Q			Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
	NITORED AND MANAGED.		Sun	17	Apr	00:00		Mon	18	Apr	00:00
	MUST BE SUFFICIENT TO PERMIT CLEAR ACCE	ESS FOR	Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
HEAVY VEHIC	LES.		Tue	19	Apr			Wed	20		00.00

12 MOBILE WORKS MUST COMPLY WITH AUSTRALIAN STANDARDS 1742.3 AND TINSW'S TRAFFIC CONTROL AT WORK SITES MANUAL. MOBILE WORKS MUST GIVE PRIORITY TO PLANNED SITE-SPECIFIC ROL APPROVALS.

#### Tue 19 Apr 00:00 -Wed 20 Apr 00:00

All pages of this Road Occupancy Licence and associated Speed Zone Authorisation(s) must be available on site at all times and must be produced for inspection when requested by representatives of NSW Police, Roads & Maritimes Services, Transport for NSW and other Government Agencies.

## SPEED ZONE AUTHORISATION



Transport **Roads & Maritime** Services

#### LIC/SZA NO: 556329/001 ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMENT	- NEW CONSTRUCTION	SPEED LIMIT	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highway	Reduced To :	80 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LOCATION		TRAFFIC MAN		
Subject Road:	NEWELL HWY	Distance(m):	2000	
From:	WEE WAA RD, NARRABRI	Direction:	All Directions	
To:	KANIMBLA RD, GURLEY			
Council:				
LICENSEE		ONSITE CON	TACT	
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
Ref No:		Phone:	0413777563	

Name: Luke McGoldrick 0413777563 Phone:

#### **APPROVED DATES & TIMES**

	From	h Shift		To Shift						
From	D	M	Time	-	То	D	м	Time		
Mon	21	Mar	00:00	-	Tue	19	Apr	00:00		
Tue	22	Mar	00:00	-	Wed	23	Mar	00:00		
Wed	23	Mar	00:00	-	Thu	24	Mar	00:00		
Thu	24	Mar	00:00	-	Fri	25	Mar	00:00		
Fri	25	Mar	00:00	-	Sat	26	Mar	00:00		
Sat	26	Mar	00:00	-	Sun	27	Mar	00:00		
Sun	27	Mar	00:00	-	Mon	28	Mar	00:00		
Mon	28	Mar	00:00	-	Tue	29	Mar	00:00		
Tue	29	Mar	00:00	-	Wed	30	Mar	00:00		
Wed	30	Mar	00:00	-	Thu	31	Mar	00:00		
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00		
Fri	01	Apr	00:00	-	Sat	02	Apr	00:00		
Sat	02	Apr	00:00	-	Sun	03	Apr	00:00		
Sun	03	Apr	00:00	-	Mon	04	Apr	00:00		
Mon	04	Apr	00:00	-	Tue	05	Apr	00:00		
Tue	05	Apr	00:00	-	Wed	06	Apr	00:00		
Wed	06	Apr	00:00	-	Thu	07	Apr	00:00		
Thu	07	Apr	00:00	-	Fri	08	Apr	00:00		
Fri	08	Apr	00:00	-	Sat	09	Apr	00:00		
Sat	09	Apr	00:00	-	Sun	10	Apr	00:00		
Sun	10	Apr	00:00	-	Mon	11	Apr	00:00		
Mon	11	Apr	00:00	-	Tue	12	Apr	00:00		

All pages of this Speed Zone Authorisation(s) must be available on site at all times and must be produced for inspection when requested by representatives of NSW Police, Roads & Maritimes Services, Transport for NSW and other Government Agencies.

Transport Roads & Maritime Services

## SPEED ZONE AUTHORISATION

## LIC/SZA NO: 556329/001

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMEN	T - NEW CONSTRUCTION	SPEED LIMIT	REDUCTION				
Project:	Not Applicable	Existing:	110 Km/h				
This Activity :	In Land Rail. Narrabri to North Star. Newell Highway Reduced To: 80 Km/h						
	Section from Narrabri to Gurley.						
	Work Description: Survey, Vegetation maintenance,						
	Light Vehicle Movements, Minor Heavy Vehicle						
	Movements <20						
		beed limit signs w	to be covered or removed outside the approved time ere installed and removed, including the location of the location of cover of the approved time period or detailed the second seco				
signs, the date a	anisation is to maintain accurate records of when the s nd times. The existing posted speed limit* is to be reins	beed limit signs w	ere installed and removed, including the location of the				
signs, the date a herein.		beed limit signs w	ere installed and removed, including the location of the etion of each of the approved time periods as detailed				
signs, the date a herein.		peed limit signs we tated at the compl	ere installed and removed, including the location of the etion of each of the approved time periods as detailed				
signs, the date a herein. LOCATION Subject Road:	nd times. The existing posted speed limit* is to be reins	TRAFFIC MAN	ere installed and removed, including the location of the etion of each of the approved time periods as detailed IAGEMENT				
signs, the date a	nd times. The existing posted speed limit* is to be reins	TRAFFIC MAN Distance(m):	ere installed and removed, including the location of the etion of each of the approved time periods as detailed IAGEMENT 2000				
signs, the date a herein. LOCATION Subject Road: From:	nd times. The existing posted speed limit* is to be reins NEWELL HWY WEE WAA RD, NARRABRI	TRAFFIC MAN Distance(m):	ere installed and removed, including the location of the etion of each of the approved time periods as detailed IAGEMENT 2000				
signs, the date a herein. LOCATION Subject Road: From: To:	nd times. The existing posted speed limit* is to be reins NEWELL HWY WEE WAA RD, NARRABRI	TRAFFIC MAN Distance(m):	ere installed and removed, including the location of the etion of each of the approved time periods as detailed IAGEMENT 2000 All Directions				
signs, the date a herein. LOCATION Subject Road: From: To: Council: LICENSEE	nd times. The existing posted speed limit* is to be reins NEWELL HWY WEE WAA RD, NARRABRI	TRAFFIC MAN Distance(m): Direction:	ere installed and removed, including the location of the etion of each of the approved time periods as detailed IAGEMENT 2000 All Directions				
signs, the date a herein. LOCATION Subject Road: From: To: Council: LICENSEE Drganisation:	nd times. The existing posted speed limit* is to be reins NEWELL HWY WEE WAA RD, NARRABRI KANIMBLA RD, GURLEY	ONSITE CON	ere installed and removed, including the location of the etion of each of the approved time periods as detailed IAGEMENT 2000 All Directions				
signs, the date a herein. LOCATION Subject Road: From: To: Council:	nd times. The existing posted speed limit* is to be reins NEWELL HWY WEE WAA RD, NARRABRI KANIMBLA RD, GURLEY	TRAFFIC MAN Distance(m): Direction: ONSITE CONT Name:	ere installed and removed, including the location of the etion of each of the approved time periods as detailed IAGEMENT 2000 All Directions IACT Luke McGoldrick				

	From	n Shift				То	Shift	
From	D	м	Time	-	То	D	м	Time
Tue	12	Apr	00:00	-	Wed	13	Apr	00:00
Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
Thu	14	Apr	00:00	-	Fri	15	Apr	00:00
Fri	15	Apr	00:00	-	Sat	16	Apr	00:00
Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
Tue	19	Apr	00:00	-	Wed	20	Apr	00:00



Transport **Roads & Maritime** Services

#### LIC/SZA NO: 556329/002 ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMENT	- NEW CONSTRUCTION	SPEED LIMIT F	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highway	Reduced To :	60 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LOCATION		TRAFFIC MAN	AGEMENT	
Subject Road:	NEWELL HWY	Distance(m):	2000	
From:	WEE WAA RD, NARRABRI	Direction:	All Directions	
To:	KANIMBLA RD, GURLEY			
Council:				
LICENSEE		ONSITE CON	TACT	
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
Ref No:		Phone:	0413777563	

Name: Luke McGoldrick 0413777563 Phone:

#### **APPROVED DATES & TIMES**

	From	h Shift				То	Shift	
From	D	M	Time	-	То	D	м	Time
Mon	21	Mar	00:00	-	Tue	19	Apr	00:00
Tue	22	Mar	00:00	-	Wed	23	Mar	00:00
Wed	23	Mar	00:00	-	Thu	24	Mar	00:00
Thu	24	Mar	00:00	-	Fri	25	Mar	00:00
Fri	25	Mar	00:00	-	Sat	26	Mar	00:00
Sat	26	Mar	00:00	-	Sun	27	Mar	00:00
Sun	27	Mar	00:00	-	Mon	28	Mar	00:00
Mon	28	Mar	00:00	-	Tue	29	Mar	00:00
Tue	29	Mar	00:00	-	Wed	30	Mar	00:00
Wed	30	Mar	00:00	-	Thu	31	Mar	00:00
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00
Fri	01	Apr	00:00	-	Sat	02	Apr	00:00
Sat	02	Apr	00:00	-	Sun	03	Apr	00:00
Sun	03	Apr	00:00	-	Mon	04	Apr	00:00
Mon	04	Apr	00:00	-	Tue	05	Apr	00:00
Tue	05	Apr	00:00	-	Wed	06	Apr	00:00
Wed	06	Apr	00:00	-	Thu	07	Apr	00:00
Thu	07	Apr	00:00	-	Fri	08	Apr	00:00
Fri	08	Apr	00:00	-	Sat	09	Apr	00:00
Sat	09	Apr	00:00	-	Sun	10	Apr	00:00
Sun	10	Apr	00:00	-	Mon	11	Apr	00:00
Mon	11	Apr	00:00	-	Tue	12	Apr	00:00

Transport Roads & Maritime Services

## SPEED ZONE AUTHORISATION

## LIC/SZA NO: 556329/002

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

	T - NEW CONSTRUCTION	SPEED LIMIT	REDUCTION				
Project:	Not Applicable	Existing:	110 Km/h				
This Activity :	In Land Rail. Narrabri to North Star. Newell Highway Reduced To: 60 Km/h						
	Section from Narrabri to Gurley.						
	Work Description: Survey, Vegetation maintenance,						
	Light Vehicle Movements, Minor Heavy Vehicle						
	Movements <20						
	anisation is to maintain accurate records of when the spe nd times. The existing posted speed limit* is to be reinsta		etion of each of the approved time periods as detailed				
		led at the comp					
hërein.		TRAFFIC MAN					
herein.							
herein. LOCATION Subject Road:	NEWELL HWY	TRAFFIC MAN	IAGEMENT				
LOCATION Subject Road: From:	NEWELL HWY	TRAFFIC MAN Distance(m):	IAGEMENT 2000				
hērein. LOCATION Subject Road: From: To:	NEWELL HWY WEE WAA RD, NARRABRI	TRAFFIC MAN Distance(m):	IAGEMENT 2000				
hērein. LOCATION Subject Road: From:	NEWELL HWY WEE WAA RD, NARRABRI KANIMBLA RD, GURLEY	TRAFFIC MAN Distance(m):	IAGEMENT 2000 All Directions				
hērein. LOCATION Subject Road: From: To: Council: LICENSEE	NEWELL HWY WEE WAA RD, NARRABRI KANIMBLA RD, GURLEY	TRAFFIC MAN Distance(m): Direction:	IAGEMENT 2000 All Directions				
herein. LOCATION Subject Road: From: To: Council: LICENSEE Drganisation:	NEWELL HWY WEE WAA RD, NARRABRI KANIMBLA RD, GURLEY Trans4m Rail Joint Venture	TRAFFIC MAN Distance(m): Direction: ONSITE CON	IAGEMENT 2000 All Directions				
hērein. LOCATION Subject Road: From: To: Council:	NEWELL HWY WEE WAA RD, NARRABRI KANIMBLA RD, GURLEY Trans4m Rail Joint Venture	TRAFFIC MAN Distance(m): Direction: ONSITE CON	IAGEMENT 2000 All Directions TACT Luke McGoldrick				

	From	n Shift				10	Shift	
From	D	м	Time	-	То	D	м	Time
Tue	12	Apr	00:00	-	Wed	13	Apr	00:00
Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
Thu	14	Apr	00:00	-	Fri	15	Apr	00:00
Fri	15	Apr	00:00	-	Sat	16	Apr	00:00
Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
Tue	19	Apr	00:00	-	Wed	20	Apr	00:00

Transport Roads & Maritime Services

## SPEED ZONE AUTHORISATION

## LIC/SZA NO: 556329/003

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMEN	IT - NEW CONSTRUCTION	SPEED LIMIT	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star.	Newell Highway Reduced To :	40 Km/h
	Section from Narrabri to Gurley.		
	Work Description: Survey, Vegetation	on maintenance,	
	Light Vehicle Movements, Minor He	avy Vehicle	
	Movements <20		
signs, the date a herein.	nd times. The existing posted speed lim	it's to be reinstated at the comp	rere installed and removed, including the location of the letion of each of the approved time periods as detailed
LOCATION		TRAFFIC MAN	NAGEMENT
Subject Road:	NEWELL HWY	Distance(m):	500
From:	WEE WAA RD, NARRABRI	Direction:	All Directions
To:	KANIMBLA RD, GURLEY		
Council:			
LICENSEE		ONSITE CON	TACT
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick
Ref No:		Phone:	0413777563
Name:	Luke McGoldrick		
	0413777563		
Phone:			
	ATES & TIMES		
		Shift	

From	D	м	Time	-	То	D	м	Time	
Mon	21	Mar	00:00	-	Tue	19	Apr	00:00	
Tue	22	Mar	00:00	-	Wed	23	Mar	00:00	
Wed	23	Mar	00:00	-	Thu	24	Mar	00:00	
Thu	24	Mar	00:00	-	Fri	25	Mar	00:00	
Fri	25	Mar	00:00	-	Sat	26	Mar	00:00	
Sat	26	Mar	00:00	-	Sun	27	Mar	00:00	
Sun	27	Mar	00:00	-	Mon	28	Mar	00:00	
Mon	28	Mar	00:00	-	Tue	29	Mar	00:00	
Tue	29	Mar	00:00	-	Wed	30	Mar	00:00	
Wed	30	Mar	00:00	-	Thu	31	Mar	00:00	
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00	
Fri	01	Apr	00:00	-	Sat	02	Apr	00:00	
Sat	02	Apr	00:00	-	Sun	03	Apr	00:00	
Sun	03	Apr	00:00	-	Mon	04	Apr	00:00	
Mon	04	Apr	00:00	-	Tue	05	Apr	00:00	
Tue	05	Apr	00:00	-	Wed	06	Apr	00:00	
Wed	06	Apr	00:00	-	Thu	07	Apr	00:00	
Thu	07	Apr	00:00	-	Fri	08	Apr	00:00	
Fri	08	Apr	00:00	-	Sat	09	Apr	00:00	
Sat	09	Apr	00:00	-	Sun	10	Apr	00:00	
Sun	10	Apr	00:00	-	Mon	11	Apr	00:00	
Mon	11	Apr	00:00	-	Tue	12	Apr	00:00	



Roads & Maritime Services

#### LIC/SZA NO: 556329/003 ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMEN	T - NEW CONSTRUCTION	SPEED LIMIT F	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell High	way Reduced To :	40 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LOCATION		TRAFFIC MANAGEMENT				
Subject Road:	NEWELL HWY	Distance(m):	500			
From:	WEE WAA RD, NARRABRI	Direction:	All Directions			
To:	KANIMBLA RD, GURLEY					
Council:						

LICENSEE		ONSITE CONTACT		
Trans4m Rail Joint Venture	Name:	Luke McGoldrick		
	Phone:	0413777563		
Luke McGoldrick				
0413777563				
	Luke McGoldrick	Trans4m Rail Joint Venture Name: Phone: Luke McGoldrick	Trans4m Rail Joint Venture Name: Luke McGoldrick Phone: 0413777563 Luke McGoldrick	

APPRC	DVED I	DATES	& TIMES	5				
From Shift					То	Shift		
From Tue	<b>D</b> 12	M Apr	<b>Time</b> 00:00	2	To Wed	<b>D</b> 13	M Apr	<b>Time</b> 00:00
Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
Thu	14	Apr	00:00	-	Fri	15	Apr	00:00
Fri	15	Apr	00:00	-	Sat	16	Apr	00:00
Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
Tue	19	Apr	00:00	-	Wed	20	Apr	00:00

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# **Minor Ancillary Facility Checklist**

## 1. Criteria for Minor Ancillary Facilities

The Project's Conditions of Approval (CoA) allows for the establishment and operation of Minor Ancillary Facilities on the Narrabri to North Star (N2NS) Project. Condition A21 states:

CoA A21 Facilities including lunch sheds, office sheds, material lay down sites, stockpile areas, areas used to assemble infrastructure, and portable toilet facilities can be established and operated where they satisfy the following criteria:

- (a) are located within the construction boundary; and
- (b) have been assessed by the ER to have
  - *i.* low amenity impacts to surrounding residences and businesses, after consideration of matters such as compliance with the interim Construction Noise Guideline (DECC, 2009), traffic and access impacts, dust and odour impacts and visual (including light) impacts, and
  - ii. Low environmental impact with respect to waste management and flooding, and
  - iii. No impacts on biodiversity, soil and water and heritage items beyond those already approved under the other terms of this approval.

This Minor Ancillary Facility Checklist has been prepared to assess the proposed Minor Ancillary Facility against the requirements of CoA A21 and all other environmental requirements. Mitigation measures have also been provided to ensure that any environmental risks or impacts to the Community are suitably managed.

These facilities will be located in accordance with the criteria listed in Table 2 and submitted to the Project's Environmental Representative (ER) for approval prior to site works commencing.

Site Name:	Minor Ancillary Facility (Tremayne Caravan)	
Location:	CH613.100 Bellata (Narrabri, NSW)	
Chainage:	CH613.100	
Program*:	Construction: April 2022 Occupation: April 2022 – December 2022	
Land Use:	RU1 – Primary Production (Source: Narrabri Shire Council LEP)	
Footprint / Size:	< 5,000m <sup>2</sup>	
Use:	<ul> <li>Minor Ancillary Facility (Tremayne Caravan) will be utilised for the following purposes:</li> <li>Trailer based (mobile) site office, port-o-loo and generator.</li> <li>Carparking for site personnel.</li> <li>General Storage</li> </ul>	
Site Surroundings:	<ul> <li>Minor Ancillary Facility (Tremayne Caravan) is surrounded by:</li> <li>North: Rail Line, LX547, agricultural (cropping) land, and the Newell Highway.</li> <li>East: Newell Highway, Gehan Creek, and agricultural (cropping) land.</li> <li>South: Rail Line, agricultural (cropping) land, and the Newell Highway.</li> <li>West: Rail line, sensitive (residential receivers), and agricultural cropping land.</li> <li>Access to Minor Ancillary Facility (Tremayne Caravan) will be provided via Gate 13 at LX547 off the Newell Highway.</li> <li>Entry/Exit will be operated as per Vehicle Movement Plan in Appendix D, facilitated under TfNSW Road Occupancy Licence, detailed in Appendix E.</li> </ul>	

Table 1: Minor Ancillary Facility – Site Description

Site Establishment Process:	<ul> <li>The below sets out the scope of works for the proposed Minor Ancillary Facility:</li> <li>The proposed footprint of the MAF will be demarcated in the field using hi-visibility flagging (or other approved method) and "No-Go Zone" signage.</li> <li>Topsoil will be stripped and utilised for erosion and sediment controls. The topsoil stockpiled / windrowed will be hand seeded.</li> <li>Establishment of the site's erosion and sediment controls will be progressively installed in accordance with the site's Progressive Erosion and Sediment Control Plan.</li> <li>Mobilisation of site facilities: The trailer based (caravan-style) site office, port-o-loo and generator will be mobilised to site.</li> <li>The site compound will be assessed in the field for visual impact to neighbouring sensitive receivers. If the visual impact is deemed moderate or high, ATF style fencing and screening will be installed.</li> <li>Unless specified in a TfNSW approval, anti-gawking screens will not be applied adjacent</li> </ul>
	<ul> <li>Onless specified in a Thysw approval, anti-gawking screens will not be applied adjacent this MAF location.</li> <li>NOTE: No bulk earthworks are required for the establishment of MAF (Tremayne Caravan).</li> </ul>

\*NOTE: Subject to weather and unexpected site conditions

Table 2: Minor Ancillary Facility - Criteria
----------------------------------------------

Criteria	Compliant (Y) Yes (N) No	Comments
Located within the construction boundary as defined by the approval (CoA A21(a)).	Y	Minor Ancillary Facility (Tremayne Caravan) occurs on land that occurs within the Project's Submission Preferred Infrastructure Report (SPIR) Construction Impact Zone and the CIZ – Construction WIP (20210909). Refer to Appendix A for the location.
Compliance with the Interim Construction Noise Guideline (CoA A21(b)(i)	Y	Two sensitive (residential) receivers are identified within 1km of the proposed MAF (Tremayne Caravan) site.
		- 107.72 m NNS_Rx0767
		- 107.58 m NNS_Rx0766
		The TfNSW Noise Estimator Tool was used to predict the anticipated noise impact associated with the establishment of the proposed MAF (CH578.000). One (1) noise scenario was run representing worse possible case scenario (i.e. the most noise intensive activity – MAF Establishment) NOTE: The noise assessment assumes all plant / equipment will be operating at the nearest boundary to the landholder. The scenario being:
		Scenario 1: MAF Site Establishment (i.e.Grader)
		The extracts from the noise model are provided in Appendix C. The findings of the noise assessment can be summarised by the following:
		<ul> <li>Sensitive receivers are located at the following locations:         <ul> <li>Both NNS_Rx0767 and NNS_Rx0766 are located approximately 108m west of the proposed MAF site. These sensitive receivers will expect to experience noise</li> </ul> </li> </ul>

Criteria	Compliant (Y) Yes (N) No	Comments
		<ul> <li>impacts of 59dB or 19 dB above the daytime NML for the Project. Refer to Appendix C.</li> <li>The noise assessment identified that no sensitive receivers will be highly noise impacted (&gt;75dB) by the works.</li> </ul>
		Prior to site establishment works commencing, all potentially impacted landholder/s will be consulted regarding potential noise impacts associated with the establishment and operation of MAF (Tremayne Caravan).
At least 50m from watercourses and outside the 5% AEP flood zone (CoA	Y	The proposed MAF (Tremayne Caravan) is located approximately 517.11 metres West of Gehan Creek.
A21(b)(ii))		The proposed MAF (Tremayne Caravan) site lies within the area impacted by the existing 5% AEP local (blue highlighted in Appendix A).
		Weather will be monitored daily, and in the event of a BOM flood event warning, all general storage and site caravan will be relocated to an area within the WIP CIZ but outside the flood impact zone.
Not within areas identified as threatened communities or species habitats beyond those already approved under the terms of the project approval (CoA A21(b)(iii)	Y	<ul> <li>Approximately &lt;5,000m<sup>2</sup> (~100%) of the proposed MAF (Tremayne Caravan) site is mapped as:</li> <li>Zone-4- PCT-52BVT-BR191 NA187-Queensland Bluegrass +/- Mitchell Grass grassland on cracking clay floodplains and alluvial plains mainly the northern-eastern Darling Riverine Plains Bioregion-Native Grassland.</li> </ul>
		All vegetation within the SPIR CIZ has been accounted for within the clearing limits detailed in CoA Table E1 and will be offset in accordance with ARTC's Biodiversity Offset Strategy.
No significant impacts to utilities, primarily gas and electricity	Y	The establishment and operation of MAF (Tremayne Caravan) will not result in significant impacts to existing gas, electrical, water or communications utilities.
Not on or near sites with known Aboriginal or non- Aboriginal heritage (CoA	Y	No areas or items of Aboriginal or non-Aboriginal significance have been identified within the area impacted by the proposed MAF (Tremayne Caravan) site.
A21(b)(iii)		The Aboriginal Cultural Heritage Management Plan, Narrabri to North Star – Separable Portion 1 (N2NS SP1), dated 18th December 2020 has been reviewed and there are no areas or items that require further salvage or survey.
Safe access to the road network and rail corridor and low impacts on traffic and	Y	Safe access to Minor Ancillary Facility (Tremayne Caravan) will be provided South of the MAF via existing access track off the Newell Highway at access gate 13.
access (CoA A21(b)(i)		A transport for NSW (TfNSW) approved Road Occupancy Licence (ROL) is in place for the use of this access point from the Newell Highway. This ROL will be maintained whilst this access point is being utilised for the project. See appendix E.
		The Stage 1 Construction Traffic Management Sub Plan (TMP) has been prepared and approved by TfNSW. The TMP includes the upgrade of 10 Major and 18 Minor Construction Gates within Stage 1 in accordance with a TfNSW approved RoadNet Design. These construction gates will be used to access the MAFs within Stage 1.

Criteria	Compliant (Y) Yes (N) No	Comments
Relatively flat land	Y	Minor Ancillary Facility (Tremayne Caravan) is located on relatively flat land with <1m fall across the site.
Low environmental impact with respect to waste management and flooding (CoA A21(b)(ii)	Y	<ul> <li>The establishment and operation of the proposed MAF (Tremayne Caravan) will generate minor waste volumes. These waste streams will generally consist of the following: <ul> <li>Wastewater</li> <li>Wastepaper / cardboard</li> <li>Rubbish and debris</li> <li>Food waste</li> </ul> </li> <li>The volumes of waste generated will be reduced and reuse will be maximised by implementing the mitigation measures detailed in Section 2 below.</li> <li>Flooding risk has been addressed above.</li> </ul>
No impacts on biodiversity, soil and water, and heritage items beyond those already approved under SSI 7474 approval (CoA A21(b)(iii)	Y	The environmental impacts associated with the establishment and operation of Minor Ancillary Facility (Tremayne Caravan) are considered minor and consistent with those impacts approved under SSI 7474.
Boundary screening around all facilities adjacent to and visible from sensitive receivers for the duration of use of the ancillary facility unless otherwise agreed with the relevant council and affected residents, business operators or landowners (COA A22)	Y	Minor Ancillary Facility (Tremayne Caravan) will be assessed in the field for visual impact from both adjacent sensitive receivers. Screening will be applied where the MAF site represents a moderate to high visual impact. Anti-gawking screens will be applied were required by a TfNSW Approval.

A locational map, environmental constraints and co-ordinates have been provided in Appendix A and B.

## 2. Mitigation Measures

Based on the site details and environmental constraints identified in Table 1 and Table 2 above, the key environmental risks associated with the establishment and operation of the Minor Ancillary Facility (Tremayne Caravan) include:

- Disturbance of predicted Five-Clawed Worm-Skink habitat during site establishment;
- Dust and associated impacts to air quality resulting from access and use; and
- Noise impacts to surrounding sensitive receivers.

With the implementation of the mitigation measures detailed in Table 3 below, these impacts are considered to be minor and consistent with those impacts assessed and approved under CSSI 7474.

## Table 3: Minor Ancillary Facility – Mitigation Measures

		Measure/Requirement	Responsibility	Timing/ frequency
-	1)	Site inductions will include the following specific components for biodiversity, noise, dust, surface water, erosion & sediment control management:	Environmental Manager	Pre- construction
_		<ul> <li>Awareness of General Environmental Duty and Duty to Notify, (legislative obligations)</li> </ul>		

	Measure/Requirement	Responsibility	Timing/ frequency
	<ul> <li>The requirement for erosion and sediment control devices to be implemented and maintained in accordance with the Erosion &amp; Sediment Control Plan</li> <li>Waste Management</li> <li>The mapped, native vegetation occurring within and adjacent the site and the significance of the TEC.</li> <li>The No-Go Zones for the MAF, incl. the significance of this control and the environmental constraints it's protecting i.e. mapped TEC, threatened species, etc.</li> <li>Hours of operation.</li> <li>General noise related mitigation measures.</li> <li>Five Clawed Worm Skinks, including habitat location and all mitigation measures specified by DPIE &amp; ARTC.</li> </ul>		
2)	Progressive Erosion and Sediment Control Plans (PESCPs) will be developed by Trans4m Rail Environmental Coordinators and reviewed by a CPESC throughout the site establishment phase.	Environmental Manager	Pre- construction
3)	Controls must be in place to prevent tracking dirt and mud onto roads.	Construction Supervisor	Construction
4)	Spoil, mud or the like spilt onto sealed roads to be removed within 24hrs or before end of shift (5pm AEDT if Newell HWY is affected) through use of a street sweeper or other means. Controls to minimise mud-tracking onto public roads will generally include rumble grids (i.e. similar to Pad 2), stabilised site access (i.e. rock, gravels, etc) or sheeting of the MAF with clean rock material (i.e. similar to Pad 4).	Construction Supervisor	Construction
5)	Mobile plant and vehicles, including deliveries must use designated travel routes, site access routes, site access tracks and lay down areas.	Construction Supervisor	Construction
6)	Any activities requiring the discharge of construction water off site will be undertaken in accordance with the PESCP.	All personnel / Environmental Manager	Construction
7)	Slashing limits (incl. vegetation to be retained) must be clearly identified and physically demarcated on-site. Slashing, clearing or other ground disturbance activities must not occur outside these areas unless otherwise approved in writing by the Environment Manager, or suitable delegate.	Construction Supervisor	Construction
8)	Groundcover to be re-established as soon as practicable to prevent erosion during construction.	Construction Supervisor	Construction
9)	In the event that an area or item of heritage significance, threatened species, contaminated material or asbestos containing materials (ACM) are discovered or suspected on-site, then all works affecting the find must cease immediately, the area secured and relevant Trans4m Rail's Unexpected Finds Procedure / Protocol will be implemented. Trans4m Rail's Environmental Manager (or delegate), ARTC and the Project Environmental Representative must be immediately notified of any unexpected finds. Other stakeholders (e.g. NSW EPA, OEH, DPIE, WaterNSW, Council, local landholders, etc) may also be notified depending on the nature and scale of the unexpected find.	All personnel / Construction Supervisor	Construction
10)	Any spills or leaks of chemicals, fuels, oils, effluent or any other hazardous substance that occurs during site establishment must be managed and reported in accordance with Trans4m Rail's Environmental Incident Response and Reporting Procedure.	All personnel / Construction Supervisor	Construction

	Measure/Requirement	Responsibility	Timing/ frequency
11)	Refuelling activities must always be closely supervised. Plant and equipment being refuelled must not be left unattended for any period of time.	All personnel / Construction Supervisor	Construction
12)	The land on which ancillary facilities, laydowns areas, access tracks and all other temporary works are located shall be rehabilitated to at least their pre-construction condition or better, unless otherwise agreed by the landowner.	Construction Supervisor	Construction
13)	<ul> <li>Weather forecast will be reviewed daily (via http://www.bom.gov.au/) and additional measures implemented where unfavourable weather conditions (i.e. hot, dry weather, high wind speed (&gt;10m/s)) are anticipated. Measures to be implemented during unfavourable weather conditions may include a reduction of speed, a modified construction methodology, alternative plant and equipment, altering the scheduled works or program for the day, additional water carts or ceasing dust generating activities until conditions are more favourable.</li> <li>Dust will be monitored and managed in accordance with the mitigation measures detailed in Project's CSWMP.</li> <li>In addition to this, the following measures will be undertaken; -Where practical, the MAF carpark and trafficked areas will be sheeted with clean rock / gravel material.</li> <li>-Increased training and surveillance of dust by key Project personnel (i.e. Superintendents, Supervisors, Operators etc).</li> <li>-Stockpiling and material handling will be avoided in MAFs adjacent the Newell Hwy.</li> <li>-Long term stockpiles (&gt;1 month) will be compacted using an excavator bucket and soil binder applied (where practicable).</li> <li>-Where practicable, soil binder will be used on highly trafficked areas.</li> <li>-Material i.e. gravel, ballast, etc will be watered down prior</li> </ul>	Environmental Manager / Construction Supervisor	Construction
14)	to loading, handling and movementThe following dust control measures will be utilised to suppress dust being generated from access roads, laydown areas, ancillary facilities and all other exposed surfaces; water application via watercarts and alternative means (i.e. sprinklers, hoses), sealing or stabilisation of highly trafficked areas, dust screens, application of geofabric or jute mat or the application of soil binding agents. The frequency of use will be modified depending on the prevailing wind and weather conditions.If dust impacts the Newell HWY at any stage, all works will cease until causation has been rectified.	Construction Supervisor	Construction
15)	Exhaust systems of construction plant, vehicles and machinery will be maintained in accordance with manufacturer's specifications to ensure that emissions do not exceed EPA regulations. Periodic visual checks will be undertaken daily.	Construction Supervisor	Construction
16)	Waste will be segregated and collected on a regular basis to ensure odours associated with waste do not become an issue to surrounding sensitive receivers. All waste will be collected and disposed of at a licensed facility.	All personnel	Construction
17)	All works will be undertaken in accordance with the standard construction hours detailed in Condition of Approval E1.	Construction Supervisor	Construction

	Measure/Requirement	Responsibility	Timing/ frequency
18)	Notification undertaken during construction would inform relevant stakeholders of the work locations and timing, and the potential for noise impacts.	Community Engagement Team	Construction
19)	Boundary screening will be erected if a site inspection determines that the MAF could significantly impact sensitive receivers. Anti- gawking screens will be applied were required by a TfNSW Approval.	Environment Manager / Construction Supervisor	Construction
20)	All personnel would be inducted on the subject of Five-clawed Worm-skinks (FCWS). Targeted FCWS surveys would be undertaken by Project Ecologist and/or Fauna Spotter-Cather team prior to and during slashing, clearing of woody vegetation and topsoil stripping activities within the following chainages, stage 1 chainage 603.000 to 625.000 and stage 3 chainage 735.000 to 754.250. The surveys would include active searches of microhabitats, including, carefully turning woody debris, rocks and artificial debris, raking the soil surface or leaf litter beneath trees and looking beneath peeling bark for reptiles or their sloughs, searching for animals during topsoil stripping (working closely with the grader operator). Targeted pre-clearing surveys would comprise a minimum of 1.5 person hours per hectare for habitats of average complexity per targeted species (scaled up or down depending on site complexity). Any FCWS captured would have the following data collected: GPS coordinates of capture/relocation site, measurements of snout-vent length, tail length and total length. Relocation site are to be as close to capture site as possible with suitable microhabitat. No more than 10 adults and 5 sub-adults or hatchlings per 100m2 of suitable habitat may be relocated due to risk of overstocking. NOTE: Additional measures will be taken to avoid relocated individuals from re-entering the construction site i.e. sediment fence, etc.	Environmental Manager/ Construction Supervisor	Construction
21)	Within the proposed MAF (Tremayne Caravan) site a total area of ~100% was identified as Zone 4- PCT 52 Queensland bluegrass/Mitchell grass NOTE: As these are within the SPIR CIZ these have been accounted for in the Project's Approval and if removal is required will be offset under the projects Biodiversity Offset Strategy.	Environmental Works team	Construction

## 3. Certification

This Minor Ancillary Facility Checklist provides a true and fair review of the proposed activity for the Inland Rail N2NS upgrade project.

Signed:

M

Name: Maggie Wilton

Position: Trans4m Rail Enviro & Sustainability Admin Assistant

Date: 6/04/2022

Signed:

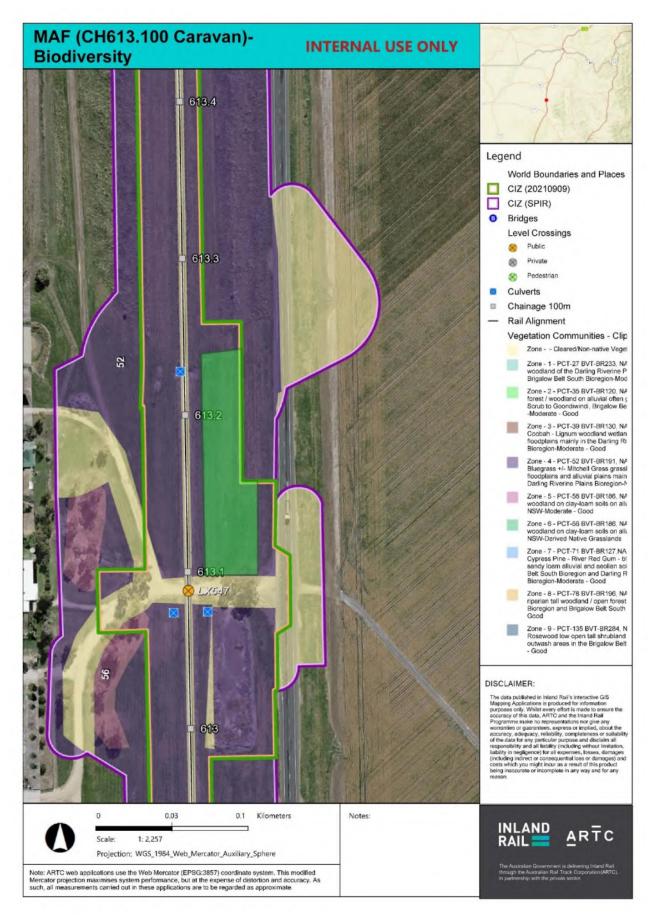
Name: Steve Fermio

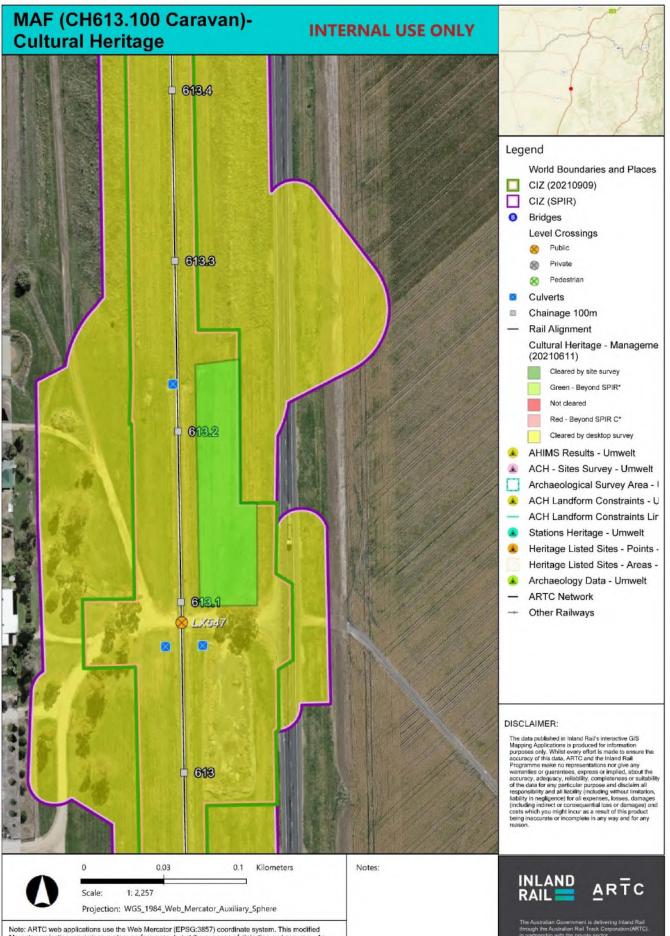
Position: Environmental Representative

Date: 7/4/2022

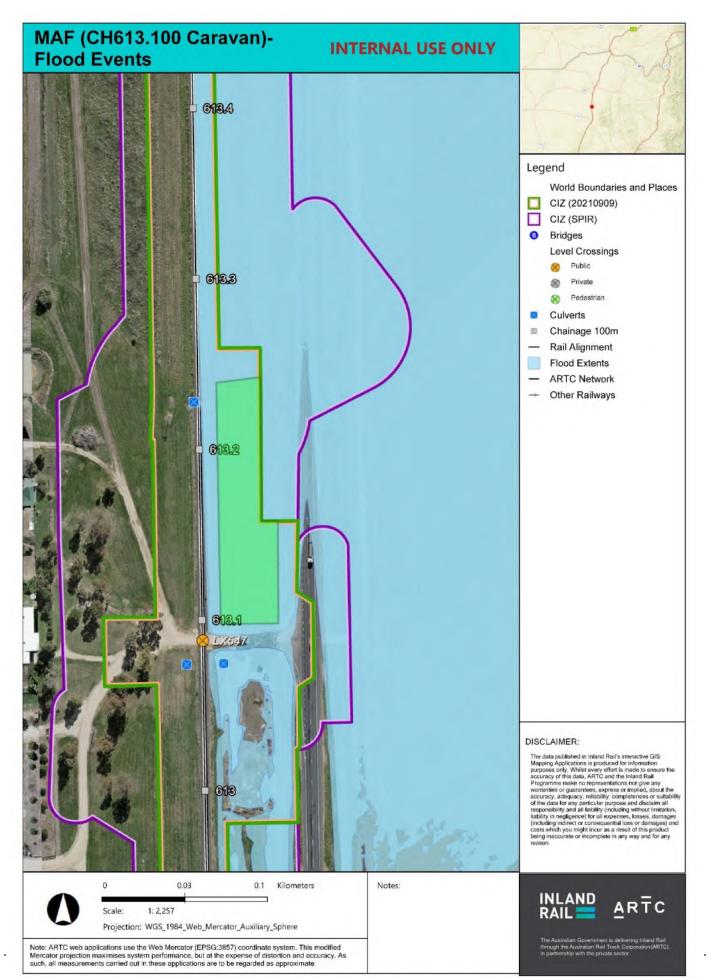
Note: This MAF approval does not constitute in any way an authorisation of the traffic control and entry / exit arrangements for light and heavy vehicles at this site. These are subject to separate approval by, and the requirements of, TfNSW (or Local Council) through the relevant Road Occupancy Licence/s, Speed Zone Authorisation/s, Traffic Management Plan or any other TfNSW or Local Council regulatory requirements.

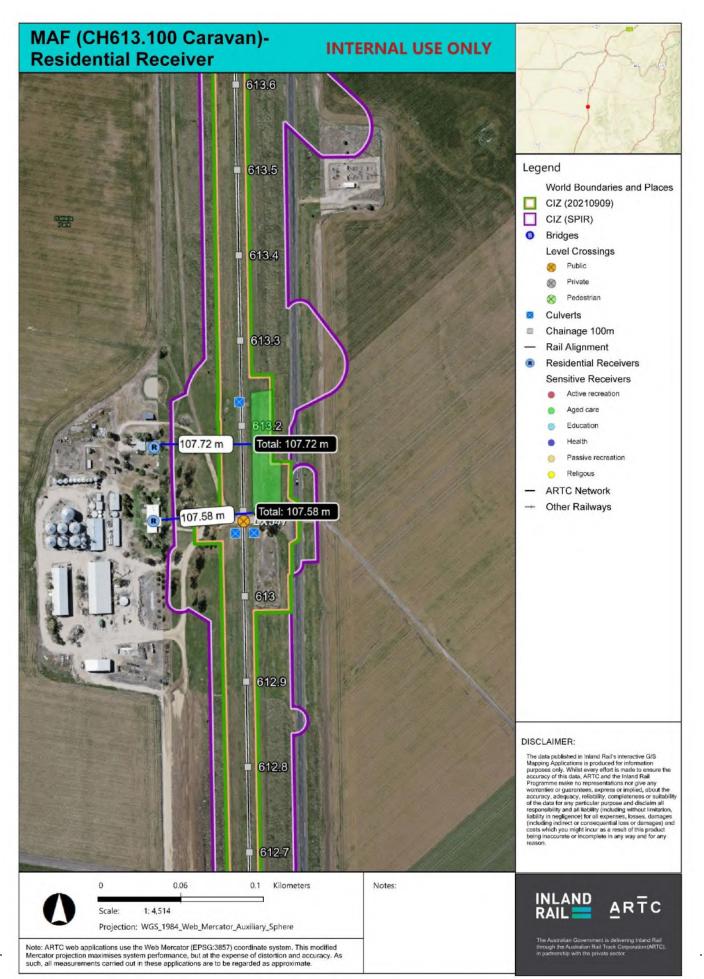
## Appendix A: Site Location (incl. Environmentally Sensitive Areas)

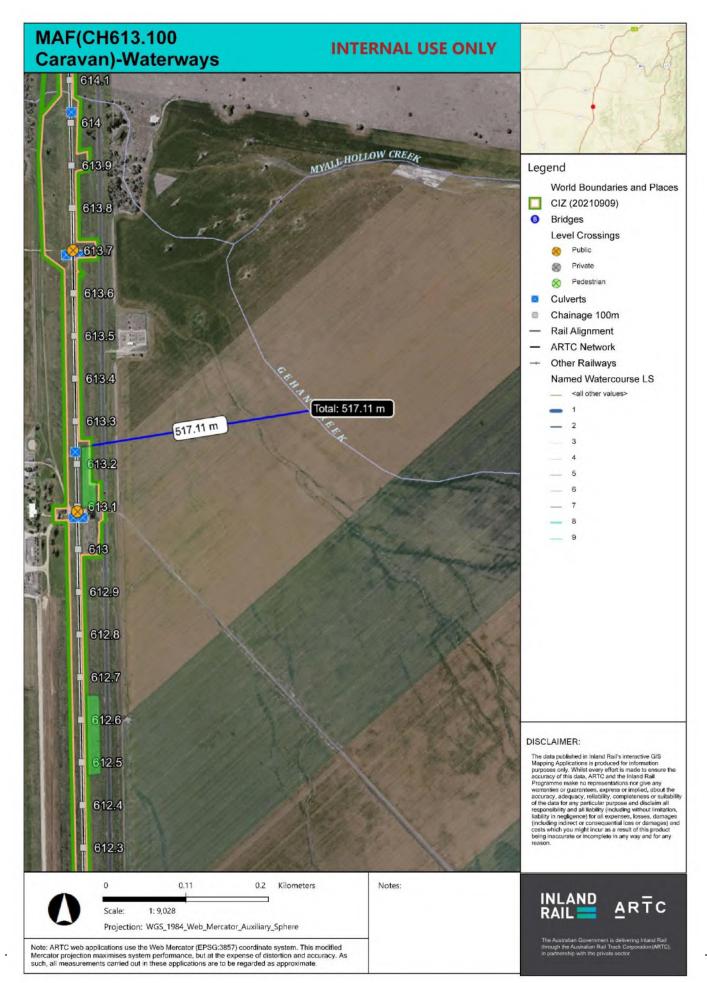




Mercator projection maximises system performance, but at the expense of distortion and accuracy. As such, all measurements carried out in these applications are to be regarded as approximate.







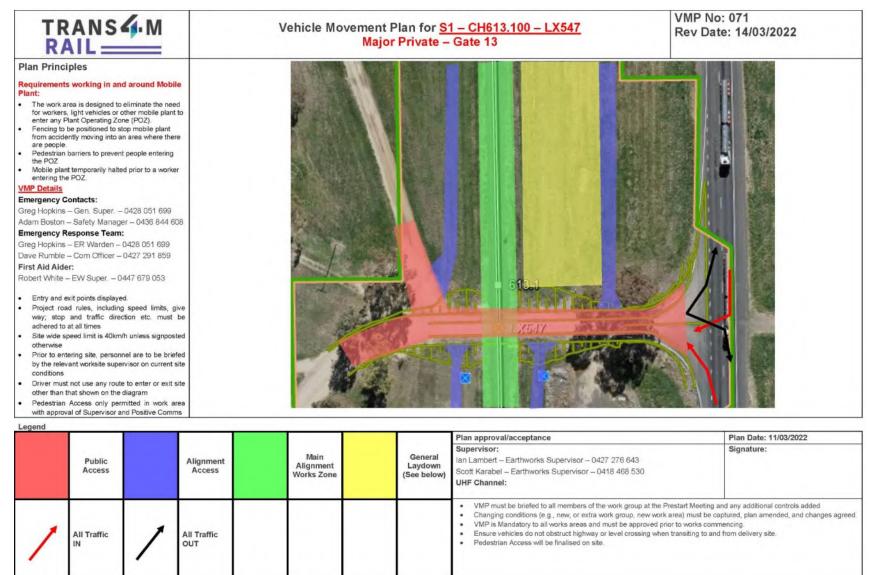
# **Appendix B: Site Location (Co-ordinates)**

1	Lat: 29.93892° S
-	Lon: 149.79130° E
2	Lat: 29.94018° S
_	Lon: 149.79106° E
3	Lat: 29.94019° S
•	Lon: 149.79140° E
4	Lat: 29.93892° S
•	Lon: 149.79102° E

Minor Ancillary Facility Checklist - (Tremayne Caravan) - Rev. 1

# **Appendix C: Noise Estimator**

## **Appendix D: Vehicle Movement Plan**



# 

#### **Plan Principles**

#### Requirements working in and around Mobile Plant:

- The work area is designed to eliminate the need for workers, light vehicles or other mobile plant to enter any Plant Operating Zone (POZ).
- Fencing to be positioned to stop mobile plant from accidently moving into an area where there are people.
- Pedestrian barriers to prevent people entering the POZ
- Mobile plant temporarily halted prior to a worke entering the POZ.

#### VMP Details

#### Emergency Contacts:

Greg Hopkins – Gen. Super. – 0428 051 699 Adam Boston – Safety Manager – 0436 844 608

#### Emergency Response Team:

Greg Hopkins – ER Warden – 0428 051 699 Dave Rumble – Com Officer – 0427 291 859

#### First Aid Aider:

Robert White - EW Super. - 0447 679 053

- Entry and exit points displayed.
- Project road rules, including speed limits, give way; stop and traffic direction etc. must be adhered to at all times
- Site wide speed limit is 40km/h unless signposted otherwise
- Prior to entering site, personnel are to be briefed by the relevant worksite supervisor on current site conditions
- Driver must not use any route to enter or exit s other than that shown on the diagram
- Pedestrian Access only permitted in work area with approval of Supervisor and Positive Comms

	Vehicle Movement Plan for <u>S1 – CH613.100 – LX547</u> Major Private – Gate 13	VMP No: 071 Rev Date: 14/03/2022
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					1.000	Plan approval/acceptance	Plan Date: 11/03/2022
	Materials Laydown	Crib Facilities	LV Carpa	k	HV Carpark	Supervisor: lan Lambert – Earthworks Supervisor – 0427 276 643 Scott Karabel – Earthworks Supervisor – 0418 468 530 UHF Channel:	Signature:
	Lime Storage	Ballast	Delineatio Pedestria Access		Mixed Access LV Access HV Access Solid 2-Way Dash 1-Way	<ul> <li>VMP must be briefed to all members of the work group at the Prestart Mee</li> <li>Changing conditions (e.g., new, or extra work group, new work area) must</li> <li>VMP is Mandatory to all works areas and must be approved prior to works</li> <li>Ensure vehicles do not obstruct highway or level crossing when transiting</li> <li>Pedestrian Access will be finalised on site.</li> </ul>	be captured, plan amended, and changes agreed. commencing.

VMP No: 071

# 

#### **Plan Principles**

## Requirements working in and around Mobile Plant:

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- The work area is designed to eliminate the need for workers, light vehicles or other mobile plant to enter any Plant Operating Zone (POZ).
- Fencing to be positioned to stop mobile plant from accidently moving into an area where there are people.
- Pedestrian barriers to prevent people entering the POZ
- Mobile plant temporarily halted prior to a worker entering the POZ.

#### VMP Details

#### Emergency Contacts:

Greg Hopkins – Gen. Super. – 0428 051 699 Adam Boston – Safety Manager – 0436 844 608

#### Emergency Response Team:

Greg Hopkins – ER Warden – 0428 051 699 Dave Rumble – Com Officer – 0427 291 859

#### First Aid Aider:

Robert White - EW Super. - 0447 679 053

#### Entry and exit points displayed.

- Project road rules, including speed limits, give way; stop and traffic direction etc. must be adhered to at all times
- Site wide speed limit is 40km/h unless signposted otherwise
- Prior to entering site, personnel are to be briefed by the relevant worksite supervisor on current site conditions
- Driver must not use any route to enter or exit site other than that shown on the diagram
- Pedestrian Access only permitted in work area with approval of Supervisor and Positive Comms

#### Legend

Vehicle Movement Plan for <u>S1 – CH613.100 – LX547</u> Major Private – Gate 13	Rev Date: 14/03/2022
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			10 m m m m			Plan approval/acceptance	Plan Date: 11/03/2022
Materials Laydown	Crib Facilities		LV Carpark		HV Carpark	Supervisor: lan Lambert – Earthworks Supervisor – 0427 276 643 Scott Karabel – Earthworks Supervisor – 0418 468 530 UHF Channel:	Signature:
Lime Storage	Ballast	_	Delineation Pedestrian Access	=	Mixed Access LV Access HV Access Solid 2-Way Dash 1-Way	<ul> <li>VMP must be briefed to all members of the work group at the Prestart Me</li> <li>Changing conditions (e.g., new, or extra work group, new work area) mus</li> <li>VMP is Mandatory to all works areas and must be approved prior to work</li> <li>Ensure vehicles do not obstruct highway or level crossing when transiting</li> <li>Pedestrian Access will be finalised on site.</li> </ul>	t be captured, plan amended, and changes agreed. s commencing.

Vahiala Maxament Plan for S1 CH612 100 1 VE47

## Appendix E: Road Occupancy Licence (ROL)

## ROAD OCCUPANCY LICENCE

#### LICENCE NO : 556329

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM



To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMENT	LOCATIO	NC									
Project:	Not Applicable	Subject R	oad:	NE	WELL	HWY					
This Activity :	In Land Rail. Narrabri to North Star. Newell	From:		WE	EE WA	A RD, NA	ARRA	ABRI			
	Highway Section from Narrabri to Gurley.	To: Council:			RRAB	.A RD, G RI	URLI	EY			
	Work Description: Survey, Vegetation maintenance										
	Light Vehicle Movements, Minor Heavy Vehicle										
	Movements <20										
ICENSEE		ONSITE	CONT	ACT							
Organisation:	Trans4m Rail Joint Venture	Name:		Lu	ke McG	Soldrick					
Ref No:		Phone:		04	137775	563					
Name:	Luke McGoldrick										
Phone:	0413777563										
RAFFIC MANA	GEMENT	LICENC	E DUR	ATIO	N	0.7					
low Management	Contra Flow; Standard Lane Merge; Mobile Works;	From:		21.	Mar-20	022					
	Portable Signals; Short Term / Intermittent Works;	To:		20-	Apr-20	022					
	Stop / Slow Control										
Closure Type:	All lanes both directions										
Closure Lane(s):	Shoulder; Median Shoulder										
Direction(s):	All Directions										
LICENCE CON	DITIONS		APPR	OVE	D DAT	ES&T	IME	5			
	SE SHIFT ACTIVATION WEB ADDRESS			From	n Shift				То	Shift	
	ansport.nsw.gov.au TO ACTIVATE AND DEACTIVAT OAD OCCUPANCY LICENCE(S). (TO CHANGE TR/		From	D	м	Time	-	То	D	м	Tim
CONTROL SI	GNALS TO FLASHING YELLOW OR TO ACTIVATE		Mon	21	Mar	00:00	-	Tue	22	Mar	00:0
	VARIABLE MESSAGE SIGNS DIAL 1800 679 782)	DAFFIC	Tue	22	Mar	00:00	-	Wed	23	Mar	00:0
	E IS NOT AN APPROVAL OF THE PROPONENT'S T CHEMES (TGS). PLEASE NOTE WORKCOVER REC		Wed	23	Mar	00:00	-	Thu	24	Mar	00:0
THAT TRAFFI	C GUIDANCE SCHEMES (TGS) COMPLY WITH AS	1742.3	Thu	24	Mar	00:00	-	Fri	25	Mar	00:0
	S RELATING TO NOISE GENERATION OR OTHER NTAL FACTORS ON SITE ARE UNDER THE JURISE	ICTION	Fri	25	Mar	00:00	-	Sat	26	Mar	00:0
OF THE LOCA	AL COUNCIL AND/OR THE ENVIRONMENTAL PRO		Sat	26	Mar		-	Sun	27		00:0
AUTHORITY.		_	Sun	27	Mar		-	Mon	28		00:00
EXCAVATION	PROPOSED WORKS INVOLVE UNDERBORING O OF STATE ROAD ASSETS OR THE REMOVAL OF	KERB	Mon	28	Mar	00:00	-	Tue	29	Mar	00:00
AND GUTTER	, DETAILS OF WORKS MUST BE APPROVED BY T	FNSW.	Tue Wed	29 30	Mar	00:00	-	Wed	30 31		00:00
greatersydney	R SYDNEY REGION CONTACT: roads@transport.nsw.gov.au. FOR REGIONAL & OU	TER	Thu	30	Mar Mar	00:00	1	Thu Fri	01	Apr	00:00
	AN. CONTACT: road.access@transport.nsw.gov.au.		Fri	01	Apr	00:00	2	Sat	02	Apr	00:00
5 NOTIFICATIO STAKEHOLD	N TO AFFECTED BUSINESSES, RESIDENTS AND ERS MUST BE UNDERTAKEN AT LEAST 5 BUSINE	OTHER SS DAYS	Sat	02	Apr	00:00	2	Sun	03		00:00
	ORKS COMMENCING		Sun	03	Apr	00:00		Mon	04	Apr	00:00
	DVANCE WARNING MUST BE PROVIDED TO		Mon	04	Apr	00:00	-	Tue	05	Apr	00:0
	IG MOTORISTS. IONITORING OF END-OF-QUEUE CONDITION MUS	STRE	Tue	05	Apr	00:00	-	Wed	06	Apr	00:0
IMPLEMENTE	D. IF QUEUING CONTRARY TO CONDITIONS OF	THIS	Wed	06	Apr	00:00	-	Thu	07	Apr	00:00
	CURS, THEN THE ROAD MUST BE RE-OPENED AN EUE MUST BE CLEARED.	1D	Thu	07	Apr	00:00	-	Fri	08	Apr	00:00
	TO BE USED ONLY WHEN TRAFFIC CONTROL		Fri	08	Apr	00:00	-	Sat	09	Apr	00:00
MEASURES H	AVE BEEN IMPLEMENTED AND ROAD WORKS A		Sat	09	Apr	00:00	-	Sun	10	Apr	00:00
PROGRESS.	40KM/H ZONE SHOULD NOT EXCEED 500 METRE	SIN	Sun	10	Apr	00:00	-	Mon	11		00:0
	GES OF TRAFFIC RESULTING FROM ACTIVITIES	IN THIS	Mon	11	Apr	00:00	-	Tue	12	Apr	00:0
LICENCE MU	ST NOT EXCEED 5 MINUTES PER INSTANCE OR B	EXCEED	Tue	12	Apr	00:00	-	Wed	13	Apr	00:0
AND TRAFFIC	IN LENGTH. ALL TRAFFIC QUEUES MUST BE CLE RETURNED TO FREE FLOWING CONDITION BET		Wed	13	Apr		-	Thu	14		00:0
STOPPAGES.			Thu	14	Apr	00:00	-	Fri	15	Apr	00:0
010111020						00:00					

NSW

Transport

Services

**Roads & Maritime** 

## SPEED ZONE AUTHORISATION

## LIC/SZA NO: 556329/001

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVEL	OPME	NT - NE	EW CON	STRU	<b>JCTION</b>				SPEED LIMIT	REDUCTION
Project		Not Applicable							Existing:	110 Km/h
This Acti	ivity :	In Land Rail. Narrabri to North Star. Newell Highway							Reduced To :	80 Km/h
		Se	ction from	Narra	bri to Gur	ley.				
		Wo	ork Descri	ption:	Survey, V	egetatio	on maint	enance,		
		Lig	ht Vehicle	Move	ments, M	inor He	avy Veh	icle		
		Mc	vements	<20						
periods.	The OI	rganisati	ion is to m	aintair	n accurate	record	is of whe	en the sp	beed limit signs w	to be covered or removed outside the approved time ere installed and removed, including the location of the letion of each of the approved time periods as detailed
LOCAT	ION								TRAFFIC MAN	JAGEMENT
Subject F		NE	WELL HV	WY					Distance(m):	2000
From:		WE	EE WAA F	D, NA	RRABRI				Direction:	All Directions
To:		KA	NIMBLA F	RD, GI	JRLEY					
Council:										
LICENS	SEE								ONSITE CON	TACT
Organisa	ation:	Tra	ans4m Ra	il Joint	Venture				Name:	Luke McGoldrick
Ref No:									Phone:	0413777563
Name:		Lu	ke McGold	drick						
Phone:		04	13777563							
APPRO	OVED [	DATES	& TIMES	s						
		n Shift					Shift			
From	D	M	Time	-	То	D	M	Time		
Mon	21	Mar	00:00	-	Tue	19	Apr	00:00		
Tue Wed	22 23	Mar Mar	00:00	-	Wed	23 24	Mar	00:00		
Thu	23	Mar	00:00	-	Fri	24	Mar Mar	00:00		
Fri	24	Mar	00:00	-	Sat	26	Mar	00:00		
Sat	25	Mar	00:00	-	Sun	20	Mar	00:00		
Sun	20	Mar	00:00	-	Mon	28	Mar	00:00		
Mon	28	Mar	00:00	-	Tue	28		00:00		
	28		00:00	-	Wed	29 30	Mar	00:00		
Tue		Mar		-		30	Mar			
Wed	30	Mar	00:00	-	Thu		Mar	00:00		
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00		
Fri	01	Apr	00:00	-	Sat	02	Apr	00:00		

All pages of this Speed Zone Authorisation(s) must be available on site at all times and must be produced for inspection when requested by representatives of NSW Police, Roads & Maritimes Services, Transport for NSW and other Government Agencies.

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NSW

Transport Roads & Maritime

Services

## SPEED ZONE AUTHORISATION

LIC/SZA NO: 556329/001

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMEN	IT - NEW CONSTRUCTION	SPEED LIMIT I	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highway	Reduced To :	80 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LOCATION		TRAFFIC MANAGEMENT				
Subject Road:	NEWELL HWY	Distance(m):	2000			
From:	WEE WAA RD, NARRABRI	Direction:	All Directions			
To:	KANIMBLA RD, GURLEY					
Council:						

LICENSEE		ONSITE CO	NTACT	
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
Ref No:		Phone:	0413777563	
Name:	Luke McGoldrick			
Phone:	0413777563			

APPRC	DVED	DATES	& TIMES	5					
	From	n Shift		To Shift					
From Tue	D 12	M Apr	<b>Time</b> 00:00	2	To Wed	<b>D</b> 13	M Apr	<b>Time</b> 00:00	
Wed	13	Apr	00:00	-	Thu	14	Apr	00:00	
Thu	14	Apr	00:00	-	Fri	15	Apr	00:00	
Fri	15	Apr	00:00	-	Sat	16	Apr	00:00	
Sat	16	Apr	00:00	-	Sun	17	Apr	00:00	
Sun	17	Apr	00:00	-	Mon	18	Apr	00:00	
Mon	18	Apr	00:00	-	Tue	19	Apr	00:00	
Tue	19	Apr	00:00	-	Wed	20	Apr	00:00	

ADDON/ED DATED A TUMES



Transport Roads & Maritime Services

## LIC/SZA NO: 556329/002

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMEN	T - NEW CONSTRUCTION	SPEED LIMIT I	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highwa	y Reduced To :	60 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LOCATION		TRAFFIC MANAGEMENT				
Subject Road:	NEWELL HWY	Distance(m):	2000			
From:	WEE WAA RD, NARRABRI	Direction:	All Directions			
To:	KANIMBLA RD, GURLEY					
Council:						

LICENSEE		ONSITE CONTACT		
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
Ref No:		Phone:	0413777563	
Name:	Luke McGoldrick			
Phone:	0413777563			

APPRO	VED	DATES	& TIMES	5				
	From	h Shift				То	Shift	
From	D	м	Time	-	То	D	м	Time
Mon	21	Mar	00:00	-	Tue	19	Apr	00:00
Tue	22	Mar	00:00	-	Wed	23	Mar	00:00
Wed	23	Mar	00:00	-	Thu	24	Mar	00:00
Thu	24	Mar	00:00	-	Fri	25	Mar	00:00
Fri	25	Mar	00:00	-	Sat	26	Mar	00:00
Sat	26	Mar	00:00	-	Sun	27	Mar	00:00
Sun	27	Mar	00:00	-	Mon	28	Mar	00:00
Mon	28	Mar	00:00	-	Tue	29	Mar	00:00
Tue	29	Mar	00:00	-	Wed	30	Mar	00:00
Wed	30	Mar	00:00	-	Thu	31	Mar	00:00
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00
Fri	01	Apr	00:00	-	Sat	02	Apr	00:00
Sat	02	Apr	00:00	-	Sun	03	Apr	00:00
Sun	03	Apr	00:00	-	Mon	04	Apr	00:00
Mon	04	Apr	00:00	-	Tue	05	Apr	00:00
Tue	05	Apr	00:00	-	Wed	06	Apr	00:00
Wed	06	Apr	00:00	-	Thu	07	Apr	00:00
Thu	07	Apr	00:00	-	Fri	08	Apr	00:00
Fri	08	Apr	00:00	-	Sat	09	Apr	00:00
Sat	09	Apr	00:00	_	Sun	10	Apr	00:00
Sun	10	Apr	00:00	-	Mon	11	Apr	00:00
Mon	11	Apr	00:00	-	Tue	12	Apr	00:00



Transport Roads & Maritime Services

LIC/SZA NO: 556329/002 ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMEN	IT - NEW CONSTRUCTION	SPEED LIMIT F	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell High	way Reduced To :	60 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

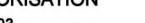
This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LOCATION		TRAFFIC MANAGEMENT		
Subject Road:	NEWELL HWY	Distance(m):	2000	
From:	WEE WAA RD, NARRABRI	Direction:	All Directions	
To:	KANIMBLA RD, GURLEY			
Council:				
oouncii.				

LICENSEE		ONSITE CONTACT		
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
Ref No:		Phone:	0413777563	
Name:	Luke McGoldrick			
Phone:	0413777563			

APPRC	DVED	DATES	& TIMES	5				
	From	n Shift				То	Shift	
From Tue	D 12	M Apr	<b>Time</b> 00:00	2	To Wed	<b>D</b> 13	M Apr	<b>Time</b> 00:00
Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
Thu	14	Apr	00:00	-	Fri	15	Apr	00:00
Fri	15	Apr	00:00	-	Sat	16	Apr	00:00
Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
Tue	19	Apr	00:00	-	Wed	20	Apr	00:00

ADDON/ED DATED A TUMES



NSW

Transport Roads & Maritime Services

#### LIC/SZA NO: 556329/003 ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMEN	T - NEW CONSTRUCTION	SPEED LIMIT I	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highway	Reduced To :	40 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LOCATION		TRAFFIC MANAGEMENT			
Subject Road:	NEWELL HWY	Distance(m):	500		
From:	WEE WAA RD, NARRABRI	Direction:	All Directions		
To:	KANIMBLA RD, GURLEY				
Council:					
Council.					

LICENSEE		ONSITE CO	NTACT	
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
Ref No:		Phone:	0413777563	
Name:	Luke McGoldrick			
Phone:	0413777563			

APPRC	<b>VED</b>	DATES	& TIMES	5				
	From	h Shift				То	Shift	
From	D	м	Time	-	То	D	м	Time
Mon	21	Mar	00:00	-	Tue	19	Apr	00:00
Tue	22	Mar	00:00	-	Wed	23	Mar	00:00
Wed	23	Mar	00:00	-	Thu	24	Mar	00:00
Thu	24	Mar	00:00	-	Fri	25	Mar	00:00
Fri	25	Mar	00:00	-	Sat	26	Mar	00:00
Sat	26	Mar	00:00	-	Sun	27	Mar	00:00
Sun	27	Mar	00:00	-	Mon	28	Mar	00:00
Mon	28	Mar	00:00	-	Tue	29	Mar	00:00
Tue	29	Mar	00:00	-	Wed	30	Mar	00:00
Wed	30	Mar	00:00	-	Thu	31	Mar	00:00
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00
Fri	01	Apr	00:00	-	Sat	02	Apr	00:00
Sat	02	Apr	00:00	-	Sun	03	Apr	00:00
Sun	03	Apr	00:00	-	Mon	04	Apr	00:00
Mon	04	Apr	00:00	-	Tue	05	Apr	00:00
Tue	05	Apr	00:00	-	Wed	06	Apr	00:00
Wed	06	Apr	00:00	-	Thu	07	Apr	00:00
Thu	07	Apr	00:00	-	Fri	08	Apr	00:00
Fri	08	Apr	00:00	-	Sat	09	Apr	00:00
Sat	09	Apr	00:00	-	Sun	10	Apr	00:00
Sun	10	Apr	00:00	-	Mon	11	Apr	00:00
Mon	11	Apr	00:00	-	Tue	12	Apr	00:00

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Transport Roads & Maritime Services

LIC/SZA NO: 556329/003 ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMEN	IT - NEW CONSTRUCTION	SPEED LIMIT F	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highway	Reduced To :	40 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

Subject Road: NEV	VELL HWY	Distance		
		Distance(m):	500	
From: WEE	E WAA RD, NARRABRI	Direction:	All Directions	
To: KAN	IMBLA RD, GURLEY			
Council:				

	ONSITE CO	NTACT	
Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
	Phone:	0413777563	
Luke McGoldrick			
0413777563			
	Luke McGoldrick	Trans4m Rail Joint Venture Name: Phone: Luke McGoldrick	Phone: 0413777563 Luke McGoldrick

APPRC	DVED I	DATES	& TIMES	5				
From Shift				To Shift				
From	D	м	Time	-	То	D	м	Time
Tue	12	Apr	00:00	-	Wed	13	Apr	00:00
Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
Thu	14	Apr	00:00	-	Fri	15	Apr	00:00
Fri	15	Apr	00:00	-	Sat	16	Apr	00:00
Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
Tue	19	Apr	00:00	-	Wed	20	Apr	00:00

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## **Minor Ancillary Facility Checklist**

## 1. Criteria for Minor Ancillary Facilities

The Project's Conditions of Approval (CoA) allows for the establishment and operation of Minor Ancillary Facilities on the Narrabri to North Star (N2NS) Project. Condition A21 states:

CoA A21 Facilities including lunch sheds, office sheds, material lay down sites, stockpile areas, areas used to assemble infrastructure, and portable toilet facilities can be established and operated where they satisfy the following criteria:

- (a) are located within the construction boundary; and
- (b) have been assessed by the ER to have
  - *i.* low amenity impacts to surrounding residences and businesses, after consideration of matters such as compliance with the interim Construction Noise Guideline (DECC, 2009), traffic and access impacts, dust and odour impacts and visual (including light) impacts, and
  - ii. Low environmental impact with respect to waste management and flooding, and
  - iii. No impacts on biodiversity on biodiversity, soil and water and heritage items beyond those already approved under the other terms of this approval.

This Minor Ancillary Facility Checklist has been prepared to assess the proposed Minor Ancillary Facility against the requirements of CoA A21 and all other environmental requirements. Mitigation measures have also been provided to ensure that any environmental risks or impacts to the Community are suitably managed.

These facilities will be located in accordance with the criteria listed in Table 2 and submitted to the Project's Environmental Representative (ER) for approval prior to site works commencing.

Site Name:	Minor Ancillary Facility (Waterloo 2 Ballast)		
Location:	1.4km North of Waterloo Road (Gurley, NSW)		
Chainage:	CH629.300		
Program*:	Construction: May 2021 Occupation: May 2021 – December 2022		
Land Use:	RU1 – Primary Production (Source: Moree Plains Shire Council LEP)		
Footprint / Size:	<1,000m <sup>2</sup>		
Use:	<ul> <li>Minor Ancillary Facility (Waterloo 2 Ballast) will be utilised for the following purposes:</li> <li>Trailer based (mobile) site office, port-o-loo and generator.</li> <li>Carparking for site personnel.</li> <li>Storage of construction plant and equipment.</li> <li>Top and Bottom Ballast stockpiles</li> </ul>		
Site Surroundings:	<ul> <li>Minor Ancillary Facility (Waterloo 2 Ballast) is cleared and relatively flat land. The site is surrounded by:</li> <li>North: Rail alignment and sparsely vegetated land.</li> <li>East: Rail alignment, sparsely vegetated land and extensive agriculture.</li> <li>South: Rail alignment and sparsely vegetated land.</li> <li>West: Sparsely vegetated land and the Newell Highway.</li> <li>Access to Minor Ancillary Facility (Waterloo 2 Ballast) will be provided via the alignment from an existing local road south of the MAF at LX1828, or off Kanimbla Rd North of the MAF at LX553.</li> </ul>		

Table 1: Minor Ancillary Facility – Site Description

	The proposed MAF site will be facilitated under TfNSW Road Occupancy Licence, detailed in Appendix C.
Site Establishment Process:	<ul> <li>The below sets out the scope of works for the proposed Minor Ancillary Facility:</li> <li>The proposed footprint of the MAF will be demarcated in the field using hi-visibility flagging (or other approved method) and "No-Go Zone" signage.</li> <li>Establishment of the site's erosion and sediment controls will be progressively installed in accordance with the site's Progressive Erosion and Sediment Control Plan.</li> <li>Mobilisation of site facilities: The trailer based (caravan-style) site office, port-o-loo and generator will be mobilised to site.</li> <li>The site compound will be assessed in the field for visual impact to neighbouring sensitive receivers. If the visual impact is deemed moderate or high, ATF style fencing and screening will be installed.</li> <li>Unless specified in a TfNSW approval, anti-gawking screens will not be applied adjacent this MAF location.</li> <li>NOTE: No bulk earthworks are required for the establishment of MAF (Waterloo 2 Ballast).</li> </ul>

\*NOTE: Subject to weather and unexpected site conditions

Criteria	Compliant (Y) Yes (N) No	Comments
Located within the construction boundary as defined by the approval (CoA A21(a)).	Y	Minor Ancillary Facility (Waterloo 2 Ballast) occurs on land that's within the Project's Submission Preferred Infrastructure Report Construction Impact Zone (SPIR CIZ). Refer to Appendix A for the location.
Compliance with the Interim Construction Noise Guideline (CoA A21(b)(i)	Y	<ul> <li>One (1) sensitive (residential) receiver has been identified within 3.0km of the proposed MAF (Waterloo Road) site. This receiver has been identified to be:</li> <li>NNS_Rx0847 – Located 2.32km to the south-east.</li> <li>The location of this receiver is shown in Appendix A below.</li> <li>The noise impacts to this sensitive receiver will be managed using the mitigation measures detailed in Section 2 of this document.</li> </ul>
At least 50m from watercourses and outside the 5% AEP flood zone (CoA A21(b)(ii))	Y	The proposed MAF (Waterloo 2 Ballast) site gently falls to the south to Waterloo Creek, >2km away. The proposed MAF (Waterloo 2 Ballast) site is outside the area impacted by the existing 5% AEP local (blue highlighted in Appendix A).
Not within areas identified as threatened communities or species habitats beyond those already approved under the terms of the project approval (CoA A21(b)(iii)	Y	<ul> <li>The entire site of the proposed MAF (Waterloo 2 Ballast) is mapped as</li> <li>Zone - 4 - PCT-52 BVT-BR191, NA187-Queensland Bluegrass +/- Mitchell Grass grassland on cracking clay floodplains and alluvial plains mainly the northern-eastern Darling Riverine Plains Bioregion-Native Grassland</li> <li>NOTE: This PCT is representative of Threatened Ecological Community - Natural grasslands on basalt and fine-textured alluvial plains of northern New South Wales and southern Queensland CEEC (EPBC Act).</li> <li>No threatened flora, threatened fauna or suitable habitat were mapped or recorded within the area directly impacted by the proposed MAF during the Biodiversity Assessment undertaken for the Project EIS.</li> </ul>

Criteria	Compliant (Y) Yes (N) No	Comments
		Although this location is mapped as Zone 4 – PCT-52, this site was cleared of vegetation a number of years ago and has a gravel base that is utilised as a stockpile area by TfNSW. The location is void of vegetation, except for one tree which will be retained. This is shown in Appendix A below.
		A recording of Finger Panic Grass ( <i>Digitaria porrecta</i> ) was recorded 850m to the south of the MAF (Waterloo 2 Ballast) site. This will not be impacted by the works.
No significant impacts to utilities, primarily gas and electricity	Y	The establishment and operation of MAF (Waterloo 2 Ballast) will not result in significant impacts to existing gas, electrical, water or communications utilities.
Not on or near sites with known Aboriginal or non- Aboriginal heritage (CoA A21(b)(iii)	Y	No areas or items of Aboriginal or non-Aboriginal significance have been identified within the area impacted by the proposed MAF (Waterloo 2 Ballast) site.
		An assessment of ARTC's Addendum Aboriginal Cultural Heritage Assessment Narrabri to North Star – Separable Portion 1 (N2NS SP1), (Dated Dec 2020) confirmed the proposed MAF (Waterloo 2 Ballast) is located outside any areas to be surveyed or salvaged.
		A non-Aboriginal heritage site is located 1.3km to the south (Kilgowla Station). The Project EIS identified that there are no remains of the station and no management is required ( <i>Table 6.1 - Technical Report 9: Non-Aboriginal Heritage Impact Statement</i> ).
Safe access to the road network and rail corridor and low impacts on traffic and access (CoA	Y	Access to Minor Ancillary Facility (Waterloo 2 Ballast) will be provided via the alignment from an existing local road south of the MAF at LX1828, or off Kanimbla Rd North of the MAF at LX553.
A21(b)(i)		The proposed MAF site will be facilitated under TfNSW Road Occupancy Licence, detailed in Appendix C.
Relatively flat land	Y	Minor Ancillary Facility (Waterloo 2 Ballast) is located on relatively flat land with <1m fall across the site.
Low environmental impact with respect to waste management and flooding (CoA A21(b)(ii)	Y	The establishment and operation of the proposed MAF (Waterloo 2 Ballast) will generate minor waste volumes. These waste streams will generally consist of the following:
		<ul> <li>Wastewater</li> <li>Wastepaper / cardboard</li> <li>Rubbish and debris</li> <li>Food waste</li> </ul>
		The volumes of waste generated will be reduced and reuse will be maximised by implementing the mitigation measures detailed in Section 2 below.
		Flooding risk has been addressed above.
No impacts on biodiversity, soil and water, and heritage items beyond those already approved under SSI 7474 approval (CoA A21(b)(iii)	Y	The environmental impacts associated with the establishment and operation of Minor Ancillary Facility (Waterloo 2 Ballast) are considered minor and consistent with those impacts approved under SSI 7474.

Criteria	Compliant (Y) Yes (N) No	Comments
Boundary screening around all facilities adjacent to and visible from sensitive receivers for the duration of use of the ancillary facility unless otherwise agreed with the relevant council and affected residents, business operators or landowners (COA A22)	Y	Minor Ancillary Facility (Waterloo 2 Ballast) will be assessed for visual impact from any surrounding sensitive receivers. Screening will be applied where the MAF site represents a moderate to high visual impact.

A locational map, environmental constraints and co-ordinates have been provided in Appendix A and B.

## 2. Mitigation Measures

Based on the site details and environmental constraints identified in Table 1 and Table 2 above, the key environmental risks associated with the establishment and operation of the Minor Ancillary Facility (Waterloo 2 Ballast) include:

- Dust and associated impacts to air quality resulting from access and vehicle movements; and
- Disturbance of predicted Five-Clawed Worm-Skink habitat during ground disturbing activities.

With the implementation of the mitigation measures detailed in Table 3 below, these impacts are considered to be minor and consistent with those impacts assessed and approved under CSSI 7474.

### Table 3: Minor Ancillary Facility – Mitigation Measures

	Measure/Requirement	Responsibility	Timing/ frequency
1)	<ul> <li>Site inductions will include the following specific components for biodiversity, noise, dust, surface water, erosion &amp; sediment control management: <ul> <li>Awareness of General Environmental Duty and Duty to Notify, (legislative obligations)</li> <li>The requirement for erosion and sediment control devices to be implemented and maintained in accordance with the Erosion &amp; Sediment Control Plan</li> <li>Waste Management</li> <li>The mapped, native vegetation occurring within and adjacent the site and the significance of the TEC.</li> <li>The No-Go Zones for the MAF, incl. the significance of this control and the environmental constraints it's protecting i.e. mapped TEC, threatened species, etc.</li> <li>Hours of operation.</li> <li>General noise related mitigation measures.</li> <li>Five Clawed Worm Skinks, including habitat location and all mitigation measures specified by DPIE &amp; ARTC.</li> </ul> </li> </ul>	Environmental Manager	Pre- construction
2)	Progressive Erosion and Sediment Control Plans (PESCPs) will be developed by Trans4m Rail Environmental Coordinators and reviewed by a CPESC throughout the site establishment phase.	Environmental Manager	Pre- construction
3)	Erosion and sediment controls must be inspected and maintained in accordance with the certified ESC Plan.	Environmental Coordinators	Construction
4)	Controls must be in place to prevent tracking dirt and mud onto roads.	Construction Supervisor	Construction

	Measure/Requirement	Responsibility	Timing/ frequency
5)	Spoil, mud or the like spilt onto sealed roads to be removed within 24hrs through use of a street sweeper or other means.	Construction Supervisor	Construction
6)	Mobile plant and vehicles, including deliveries must use designated travel routes, site access routes, site access tracks and lay down areas.	Construction Supervisor	Construction
7)	Any activities requiring the discharge of construction water off site will be undertaken in accordance with the PESCP.	All personnel / Environmental Manager	Construction
8)	Disturbance limits (No Go Zones) must be clearly identified and physically demarcated on-site. Slashing, clearing or other ground disturbance or construction activities must not occur outside these areas unless otherwise approved in writing by the Environment Manager, or suitable delegate.	Construction Supervisor	Construction
9)	Groundcover to be progressively re-established as soon as practicable to prevent erosion during construction.	Construction Supervisor	Construction
10)	In the event that an area or item of heritage significance, threatened species, contaminated material or asbestos containing materials (ACM) are discovered or suspected on-site, then all works affecting the find must cease immediately, the area secured and relevant Trans4m Rail's Unexpected Finds Procedure / Protocol will be implemented. Trans4m Rail's Environmental Manager (or delegate), ARTC and the Project Environmental Representative must be immediately notified of any unexpected finds. Other stakeholders (e.g. NSW EPA, OEH, DPIE, WaterNSW, Council, local landholders, etc) may also be notified depending on the nature and scale of the unexpected find.	All personnel / Construction Supervisor	Construction
11)	Any spills or leaks of chemicals, fuels, oils, effluent or any other hazardous substance that occurs during site establishment must be managed and reported in accordance with Trans4m Rail's Environmental Incident Response and Reporting Procedure.	All personnel / Construction Supervisor	Construction
12)	Refuelling activities must always be closely supervised. Plant and equipment being refuelled must not be left unattended for any period of time.	All personnel / Construction Supervisor	Construction
13)	The land on which ancillary facilities, laydowns areas, access tracks and all other temporary works are located shall be rehabilitated to at least their pre-construction condition or better, unless otherwise agreed by the landowner.	Construction Supervisor	Construction
14)	Weather forecast will be reviewed daily (via http://www.bom.gov.au/) and additional measures implemented where unfavourable weather conditions (i.e. hot, dry weather, high wind speed (>10m/s)) are anticipated. Measures to be implemented during unfavourable weather conditions may include a reduction of speed, a modified construction methodology, alternative plant and equipment, altering the scheduled works or program for the day, additional water carts or ceasing dust generating activities until conditions are more favourable. Dust will be monitored and managed in accordance with the mitigation measures detailed in Project's CSWMP. In addition to this, the following measures will be undertaken; -Where practical, the MAF carpark and trafficked areas will be sheeted with clean rock / gravel material. -Increased training and surveillance of dust by key Project personnel (i.e. Superintendents, Supervisors, Operators etc).	Environmental Manager / Construction Supervisor	Construction

	Measure/Requirement	Responsibility	Timing/ frequency
	<ul> <li>Stockpiling and material handling will be avoided in MAFs adjacent the Newell Hwy.</li> <li>Long term stockpiles (&gt;1 month) will be compacted using an excavator bucket and soil binder applied (where practicable).</li> <li>Where practicable, soil binder will be used on highly trafficked areas.</li> <li>Material i.e. gravel, ballast, etc will be watered down prior to loading, handling and movement.</li> </ul>		
15)	The following dust control measures will be utilised to suppress dust being generated from access roads, laydown areas, ancillary facilities and all other exposed surfaces; water application via watercarts and alternative means (i.e. sprinklers, hoses), sealing or stabilisation of highly trafficked areas, dust screens, application of geofabric or jute mat or the application of soil binding agents. The frequency of use will be modified depending on the prevailing wind and weather conditions. <i>If dust impacts the Newell HWY at any stage, all works will cease until causation has been rectified</i> .	Construction Supervisor	Construction
16)	Exhaust systems of construction plant, vehicles and machinery will be maintained in accordance with manufacturer's specifications to ensure that emissions do not exceed EPA regulations. Periodic visual checks will be undertaken.	Construction Supervisor	Construction
17)	Waste will be segregated and collected on a regular basis to ensure odours associated with waste do not become an issue to surrounding sensitive receivers. All waste will be collected and disposed of at a licensed facility.	All personnel	Construction
18)	All works will be undertaken in accordance with the standard construction hours detailed in Condition of Approval E1.	Construction Supervisor	Construction
19)	Notification undertaken during construction would inform relevant stakeholders of the work locations and timing, and the potential for noise impacts.	Community Engagement Team	Construction
20)	All personnel would be inducted on the subject of Five-clawed Worm-skinks (FCWS). Targeted FCWS surveys would be undertaken by Project Ecologist and/or Fauna Spotter-Cather team prior to and during slashing, clearing of woody vegetation and topsoil stripping activities. The surveys would include active searches of microhabitats, including, carefully turning woody debris, rocks and artificial debris, raking the soil surface or leaf litter beneath trees and looking beneath peeling bark for reptiles or their sloughs, searching for animals during topsoil stripping (working closely with the grader operator). Targeted pre-clearing surveys would comprise a minimum of 1.5 person hours per hectare for habitats of average complexity per targeted species (scaled up or down depending on site complexity). Any FCWS captured would have the following data collected: GPS coordinates of capture/relocation site, measurements of snout-vent length, tail length and total length. Relocation site are to be as close to capture site as possible with suitable microhabitat. No more than 10 adults and 5 sub-adults or hatchlings per 100m2 of suitable habitat may be relocated due to risk of overstocking. NOTE: Additional measures will be taken to avoid relocated individuals from re-entering the construction site i.e. sediment fence, etc.	Environment Manager / Construction Supervisor	Construction

### 3. Certification

This Minor Ancillary Facility Checklist provides a true and fair review of the proposed activity for the Inland Rail N2NS upgrade project.

Signed: Maccock (pp))

Name: Kristian Hancock

Position: Trans4m Rail - Senior Environment Advisor

Date: 28/03/22

Signed:

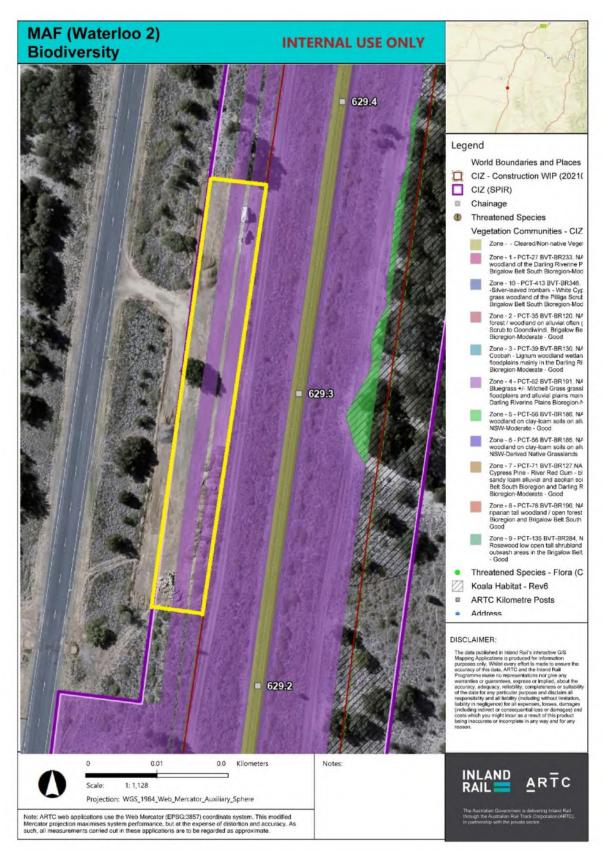
Name: Steve Fermio

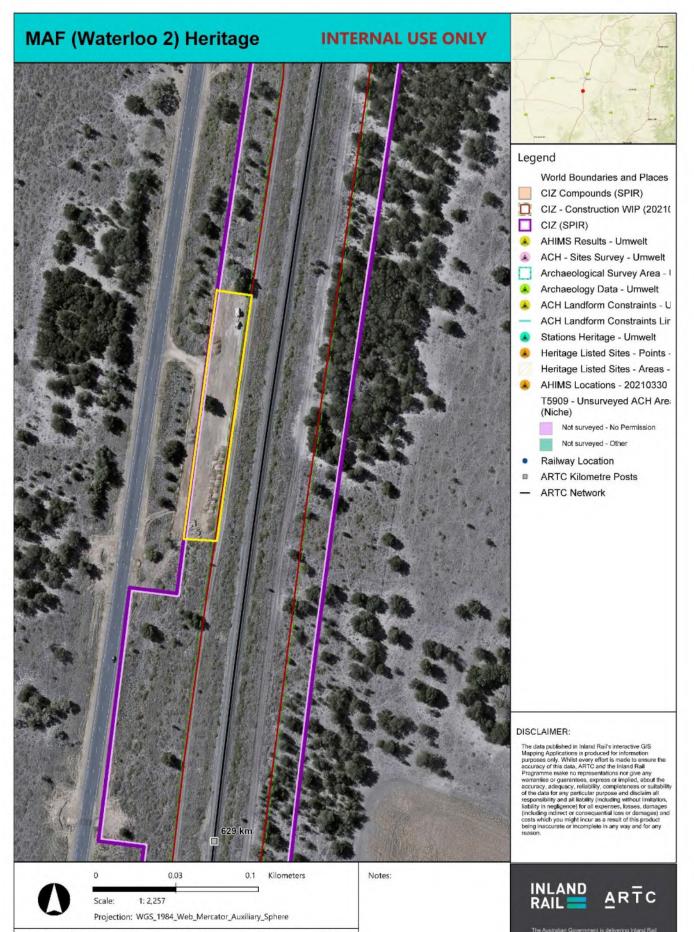
Position: Environmental Representative

Date: 26 / 4 /2022

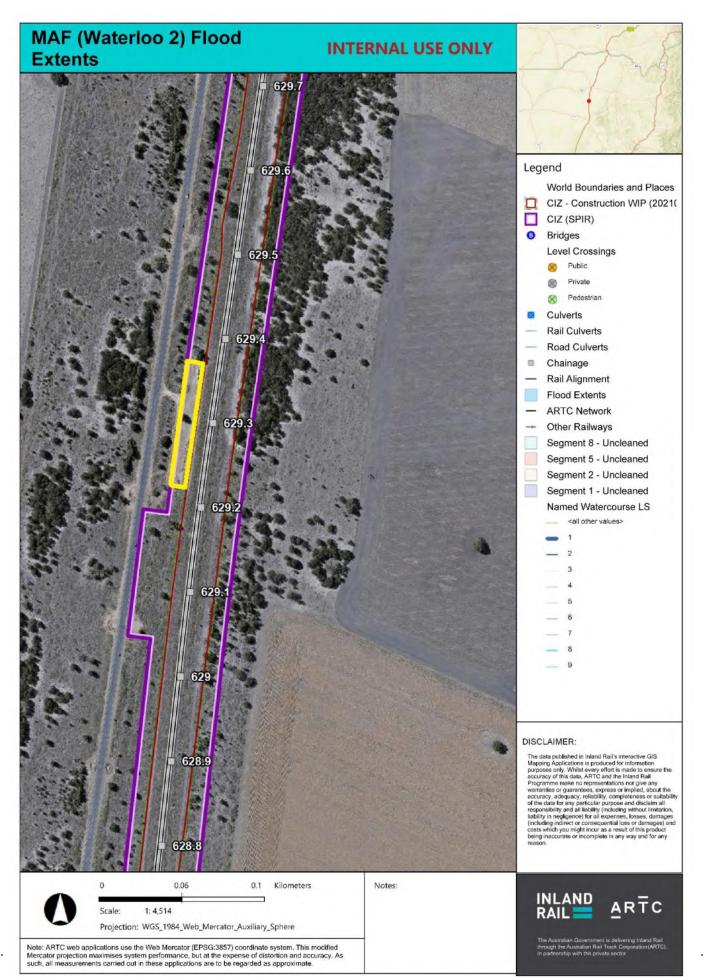
Note: This MAF approval does not constitute in any way an authorisation of the traffic control and entry / exit arrangements for light and heavy vehicles at this site. These are subject to separate approval by, and the requirements of, TfNSW (or Local Council) through the relevant Road Occupancy Licence/s, Speed Zone Authorisation/s, Traffic Management Plan or any other TfNSW or Local Council regulatory requirements.

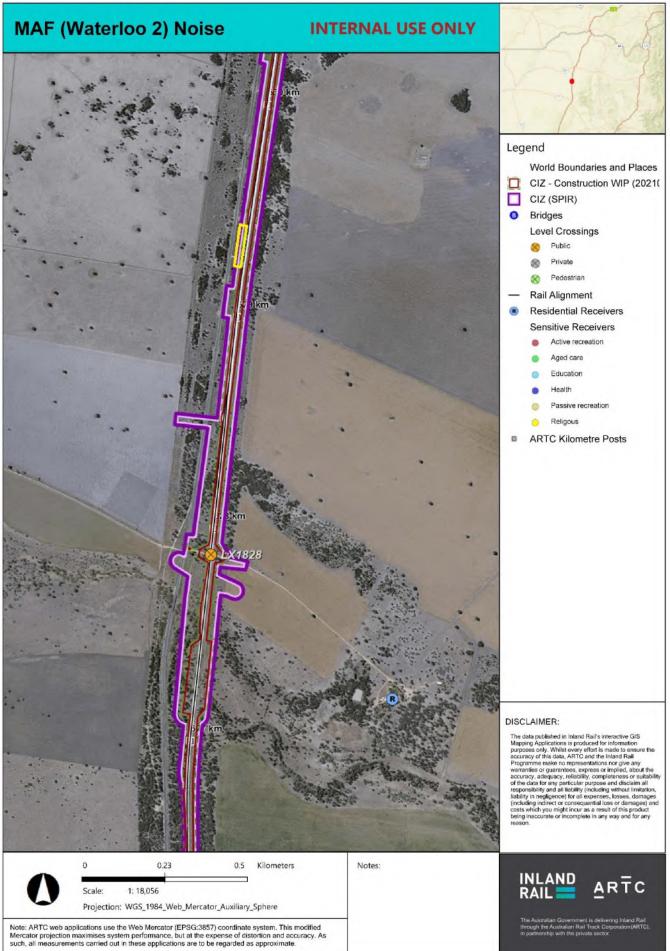
## Appendix A: Site Location (incl. Environmentally Sensitive Areas)





Note: ARTC web applications use the Web Mercator (EPSG:3857) coordinate system. This modified Mercator projection maximises system performance, but at the expense of distortion and accuracy. As such, all measurements carried out in these applications are to be regarded as approximate.







## Appendix B: Site Location (Co-ordinates)

1	Lat: 29.79362° S
Ŧ	<b>Lon:</b> 149.79098° E
2	Lat: 29.79364° S
2	<b>Lon:</b> 149.79115° E
-	Lat: 29.79492° S
3	<b>Lon:</b> 149.79077° E
	Lat: 29.79493° S
4	<b>Lon:</b> 149.79095° E

## **Appendix C: Road Occupancy Licence**

### ROAD OCCUPANCY LICENCE

### LICENCE NO : 556329

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM



To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit. myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMEN Project: This Activity :	- NEW CONSTRUCTION     Not Applicable     In Land Rail. Narrabri to North Star. Newell     Highway Section from Narrabri to Gurley.     Work Description: Survey, Vegetation maintenance     Light Vehicle Movements, Minor Heavy Vehicle     Movements <20	LOCATIC Subject R From: To: Council:		KA		A RD, N A RD, G					
LICENSEE		ONSITE	CONT	ACT							
Organisation:	Trans4m Rail Joint Venture	Name:		Lu	ke McC	Goldrick					
Ref No:		Phone:		04	137778	563					
Name:	Luke McGoldrick										
Phone:	0413777563										
TRAFFIC MANA	GEMENT	LICENC	E DUR	ATIO	N						
Flow Management	Contra Flow; Standard Lane Merge; Mobile Works;	From:		21	-Mar-2	022					
	Portable Signals; Short Term / Intermittent Works;	To:		20-	-Apr-20	022					
	Stop / Slow Control										
Closure Type:	All lanes both directions										
Closure Lane(s):	Shoulder; Median Shoulder										
Direction(s):	All Directions										
LICENCE CON	DITIONS		APPR	OVE	D DAT	ES&T	IME	5			
					n Shift				То	Shift	
https://myrol.t APPROVED F CONTROL SI	ransport.nsw.gov.au TO ACTIVATE AND DEACTIVA ROAD OCCUPANCY LICENCE(S). (TO CHANGE TR GNALS TO FLASHING YELLOW OR TO ACTIVATE	TE YOUR AFFIC	From Mon	<b>D</b> 21	M Mar	<b>Time</b> 00:00	:	To Tue	<b>D</b> 22	M Mar	Time 00:00
	VARIABLE MESSAGE SIGNS DIAL 1800 679 782)		Tue	22	Mar	00:00	-	Wed	23	Mar	00:00
2 THIS LICENC	E IS NOT AN APPROVAL OF THE PROPONENT'S CHEMES (TGS). PLEASE NOTE WORKCOVER RE	RAFFIC	Wed	23	Mar	00:00	-	Thu	24	Mar	00:00
THAT TRAFF	IC GUIDANCE SCHEMES (TGS) COMPLY WITH AS	1742.3	Thu	24	Mar	00:00	-	Fri	25	Mar	00:00
3 ALL MATTER	S RELATING TO NOISE GENERATION OR OTHER	NOTION	Fri	25	Mar	00:00	-	Sat	26	Mar	00:00
OF THE LOC	NTAL FACTORS ON SITE ARE UNDER THE JURISI AL COUNCIL AND/OR THE ENVIRONMENTAL PRO	TECTION	Sat	26	Mar	00:00	-	Sun	27	Mar	00:00
AUTHORITY.			Sun	27	Mar	00:00		Mon	28	Mar	00:00
	PROPOSED WORKS INVOLVE UNDERBORING C		Mon	28	Mar	00:00	-	Tue	29	Mar	00:00
	I OF STATE ROAD ASSETS OR THE REMOVAL OF R, DETAILS OF WORKS MUST BE APPROVED BY T		Tue	29	Mar	00:00	-	Wed	30	Mar	
	ER SYDNEY REGION CONTACT: /roads@transport.nsw.gov.au. FOR REGIONAL & OU	TER	Wed	30	Mar	00:00	-	Thu	31	Mar	
METROPOLI	TAN. CONTACT: road.access@transport.nsw.gov.au.	I LIX	Thu	31	Mar	00:00	-	Fri	01	Apr	00:00
5 NOTIFICATIO	N TO AFFECTED BUSINESSES, RESIDENTS AND	OTHER	Fri	01	Apr	00:00		Sat	02	Apr	00:00
	ERS MUST BE UNDERTAKEN AT LEAST 5 BUSINE ORKS COMMENCING	SS DAYS	Sat	02 03	Apr	00:00	-	Sun	03 04	Apr	00:00
6 ADEQUATE A	ADVANCE WARNING MUST BE PROVIDED TO		Sun	03	Apr Apr	00:00	-	Mon Tue	04	Apr Apr	00:00
	NG MOTORISTS.		Tue	04	Apr	00:00	2	Wed	06	Apr	00:00
7 EFFECTIVE M	MONITORING OF END-OF-QUEUE CONDITION MU ED. IF QUEUING CONTRARY TO CONDITIONS OF	ST BE THIS	Wed	06	Apr	00:00	2	Thu	07	Apr	00:00
LICENCE OC	CURS, THEN THE ROAD MUST BE RE-OPENED AI		Thu	07	Apr	00:00	-	Fri	08	Apr	00:00
			Fri	08	Apr	00:00	-	Sat	09	Apr	00:00
MEASURES	S TO BE USED ONLY WHEN TRAFFIC CONTROL HAVE BEEN IMPLEMENTED AND ROAD WORKS A		Sat	09	Apr	00:00	-	Sun	10	Apr	00:00
PROGRESS. LENGTH.	40KM/H ZONE SHOULD NOT EXCEED 500 METRE	SIN	Sun	10	Apr	00:00	-	Mon	11	Apr	00:00
	GES OF TRAFFIC RESULTING FROM ACTIVITIES	IN THIS	Mon	11	Apr	00:00	-	Tue	12	Apr	00:00
LICENCE MU	ST NOT EXCEED 5 MINUTES PER INSTANCE OR I	EXCEED	Tue	12	Apr	00:00	-	Wed	13	Apr	00:00
	IN LENGTH. ALL TRAFFIC QUEUES MUST BE CLE CRETURNED TO FREE FLOWING CONDITION BE		Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
AND TRAFFIC RETURNED TO FREE FLOWING CONDITION BET STOPPAGES.			Thu	14	Apr	00:00	-	Fri	15	Apr	00:00
STUPPAGES											

## ROAD OCCUPANCY LICENCE

### LICENCE NO : 556329

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM



Roads & Maritime Services

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-											
DEVELOPMENT -	NEW CONSTRUCTION	LOCATI	ON								
Project:	Not Applicable	Subject R	load:	NE	WELL	HWY					
This Activity :	In Land Rail. Narrabri to North Star. Newell From			WE	EE WA	A RD, NA	ARRA	BRI			
	Highway Section from Narrabri to Gurley.	To:		KA	NIMBL	ARD, G	URLE	ΞY			
		Council:		NA	RRAB	RI					
	Work Description: Survey, Vegetation maintenance										
	Light Vehicle Movements, Minor Heavy Vehicle										
	Movements <20										
LICENSEE		ONSITE	CONT	ACT	_						
Organisation:	Trans4m Rail Joint Venture	Name:		Lui	ke McC	Goldrick					
Ref No:		Phone:		04	137778	563					
Name:	Luke McGoldrick										
Phone:	0413777563										
TRAFFIC MANAG	EMENT	LICENC	E DUR		N						
Flow Management	Contra Flow; Standard Lane Merge; Mobile Works;	From:		21-	Mar-2	022					
	Portable Signals; Short Term / Intermittent Works;	To:		20-	Apr-20	022					
	Stop / Slow Control										
Closure Type:	All lanes both directions										
Closure Lane(s):	Shoulder; Median Shoulder										
Direction(s):	All Directions										
LICENCE CONDI	TIONS		APPR	OVE	D DAT	TES&T	IMES	3			
	AFFIC SIGNALS MUST BE IN ACCORDANCE WIT			From	h Shift				То	Shift	
	STANDARDS AND APPROVED FOR USE BY TFN: I OF PORTABLE TRAFFIC SIGNALS MUST COMF		From	D	м	Time	-	То	D	м	Time
THE TRAFFIC (	CONTROL AT WORKSITES MANUAL. TRAFFIC Q		Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
	ITORED AND MANAGED.		Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
	MUST BE SUFFICIENT TO PERMIT CLEAR ACCE	ESS FOR	Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
HEAVY VEHICL			INIOLI	10	Apr	00.00	-	rue	13	Apr	00.00

12 MOBILE WORKS MUST COMPLY WITH AUSTRALIAN STANDARDS 1742.3 AND TINSW'S TRAFFIC CONTROL AT WORK SITES MANUAL. MOBILE WORKS MUST GIVE PRIORITY TO PLANNED SITE-SPECIFIC ROL APPROVALS.

Transport Roads & Maritime

Services

## SPEED ZONE AUTHORISATION

LIC/SZA NO: 556329/001

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMEN	IT - NEW CONSTRUCTION	SPEED LIMIT F	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Hig	hway Reduced To :	80 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LOCATION		AGEMENT	
NEWELL HWY	Distance(m):	2000	
WEE WAA RD, NARRABRI	Direction:	All Directions	
KANIMBLA RD, GURLEY			
	WEE WAA RD, NARRABRI	NEWELL HWY Distance(m): WEE WAA RD, NARRABRI Direction:	WEE WAA RD, NARRABRI Direction: All Directions

LICENSEE		ONSITE CO	NTACT	
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
Ref No:		Phone:	0413777563	
Name:	Luke McGoldrick			
Phone:	0413777563			

APPRC	<b>VED</b>	DATES	& TIMES	5				
	From	n Shift				То	Shift	
From	D	м	Time	-	То	D	м	Time
Mon	21	Mar	00:00	-	Tue	19	Apr	00:00
Tue	22	Mar	00:00	-	Wed	23	Mar	00:00
Wed	23	Mar	00:00	-	Thu	24	Mar	00:00
Thu	24	Mar	00:00	-	Fri	25	Mar	00:00
Fri	25	Mar	00:00	-	Sat	26	Mar	00:00
Sat	26	Mar	00:00	-	Sun	27	Mar	00:00
Sun	27	Mar	00:00	-	Mon	28	Mar	00:00
Mon	28	Mar	00:00	-	Tue	29	Mar	00:00
Tue	29	Mar	00:00	-	Wed	30	Mar	00:00
Wed	30	Mar	00:00	-	Thu	31	Mar	00:00
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00
Fri	01	Apr	00:00	-	Sat	02	Apr	00:00
Sat	02	Apr	00:00	-	Sun	03	Apr	00:00
Sun	03	Apr	00:00	-	Mon	04	Apr	00:00
Mon	04	Apr	00:00	-	Tue	05	Apr	00:00
Tue	05	Apr	00:00	-	Wed	06	Apr	00:00
Wed	06	Apr	00:00	-	Thu	07	Apr	00:00
Thu	07	Apr	00:00	-	Fri	08	Apr	00:00
Fri	08	Apr	00:00	-	Sat	09	Apr	00:00
Sat	09	Apr	00:00	-	Sun	10	Apr	00:00
Sun	10	Apr	00:00	-	Mon	11	Apr	00:00
Mon	11	Apr	00:00	-	Tue	12	Apr	00:00

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Transport Roads & Maritime

Services

## SPEED ZONE AUTHORISATION

LIC/SZA NO: 556329/001

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMEN	IT - NEW CONSTRUCTION	SPEED LIMIT I	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highway	Reduced To :	80 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

Subject Road: N	EWELL HWY	Distance(m):	2000	
From: W	EE WAA RD, NARRABRI	Direction:	All Directions	
To: K/	ANIMBLA RD, GURLEY			
Council:				

LICENSEE		ONSITE CO	NTACT	
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
Ref No:		Phone:	0413777563	
Name:	Luke McGoldrick			
Phone:	0413777563			

APPRC	DVED	DATES	& TIMES	5				
	From	n Shift				То	Shift	
From Tue	D 12	M Apr	<b>Time</b> 00:00	2	To Wed	<b>D</b> 13	M Apr	<b>Time</b> 00:00
Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
Thu	14	Apr	00:00	-	Fri	15	Apr	00:00
Fri	15	Apr	00:00	-	Sat	16	Apr	00:00
Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
Tue	19	Apr	00:00	-	Wed	20	Apr	00:00

ADDON/ED DATED A TUMES

Transport Roads & Maritime

Services

## SPEED ZONE AUTHORISATION

LIC/SZA NO : 556329/002

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMEN	T - NEW CONSTRUCTION	SPEED LIMIT F	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell High	hway Reduced To :	60 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

2000
All Directions

LICENSEE		ONSITE CONTACT		
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
Ref No:		Phone:	0413777563	
Name:	Luke McGoldrick			
Phone:	0413777563			

APPRC	<b>VED</b>	DATES	& TIMES	5				
	From	h Shift				То	Shift	
From	D	м	Time	-	То	D	м	Time
Mon	21	Mar	00:00	-	Tue	19	Apr	00:00
Tue	22	Mar	00:00	-	Wed	23	Mar	00:00
Wed	23	Mar	00:00	-	Thu	24	Mar	00:00
Thu	24	Mar	00:00	-	Fri	25	Mar	00:00
Fri	25	Mar	00:00	-	Sat	26	Mar	00:00
Sat	26	Mar	00:00	-	Sun	27	Mar	00:00
Sun	27	Mar	00:00	-	Mon	28	Mar	00:00
Mon	28	Mar	00:00	-	Tue	29	Mar	00:00
Tue	29	Mar	00:00	-	Wed	30	Mar	00:00
Wed	30	Mar	00:00	-	Thu	31	Mar	00:00
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00
Fri	01	Apr	00:00	-	Sat	02	Apr	00:00
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Tue	05	Apr	00:00	-	Wed	06	Apr	00:00
Wed	06	Apr	00:00	-	Thu	07	Apr	00:00
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Fri	08	Apr	00:00	-	Sat	09	Apr	00:00
Sat	09	Apr	00:00	-	Sun	10	Apr	00:00
Sun	10	Apr	00:00	-	Mon	11	Apr	00:00
Mon	11	Apr	00:00	-	Tue	12	Apr	00:00

ADDON/ED DATED A TUMES

## SPEED ZONE AUTHORISATION

N



Transport Roads & Maritime Services

### LIC/SZA NO: 556329/002 ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMEN	T - NEW CONSTRUCTION	SPEED LIMIT F	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell H	ighway Reduced To :	60 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LOCATION		TRAFFIC MANAGEMENT			
Subject Road:	NEWELL HWY	Distance(m):	2000		
From:	WEE WAA RD, NARRABRI	Direction:	All Directions		
To:	KANIMBLA RD, GURLEY				
Council:					

LICENSEE		NTACT	
Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
	Phone:	0413777563	
Luke McGoldrick			
0413777563			
	Luke McGoldrick	Trans4m Rail Joint Venture Name: Phone: Luke McGoldrick	Phone: 0413777563 Luke McGoldrick

APPRC	VEDI	DATES	& TIMES	5				
From Shift					To Shift			
From Tue	D 12	M Apr	Time 00:00	-	To Wed	D 13	M Apr	Time 00:00
Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
Thu	14	Apr	00:00	-	Fri	15	Apr	00:00
Fri	15	Apr	00:00	-	Sat	16	Apr	00:00
Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
Tue	19	Apr	00:00	-	Wed	20	Apr	00:00

ADDON/ED DATED A TUMES

Transport Roads & Maritime

Services

## SPEED ZONE AUTHORISATION

LIC/SZA NO: 556329/003

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMEN	IT - NEW CONSTRUCTION	SPEED LIMIT I	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highwa	y Reduced To :	40 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LOCATION		TRAFFIC MAN	AGEMENT	
Subject Road:	NEWELL HWY	Distance(m):	500	
From:	WEE WAA RD, NARRABRI	Direction:	All Directions	
To:	KANIMBLA RD, GURLEY			
Council:				

LICENSEE		ONSITE CONTACT		
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
Ref No:		Phone:	0413777563	
Name:	Luke McGoldrick			
Phone:	0413777563			

APPRC	<b>VED</b>	DATES	& TIMES	5				
	From	n Shift				То	Shift	
From	D	м	Time	-	То	D	м	Time
Mon	21	Mar	00:00	-	Tue	19	Apr	00:00
Tue	22	Mar	00:00	-	Wed	23	Mar	00:00
Wed	23	Mar	00:00	-	Thu	24	Mar	00:00
Thu	24	Mar	00:00	-	Fri	25	Mar	00:00
Fri	25	Mar	00:00	-	Sat	26	Mar	00:00
Sat	26	Mar	00:00	-	Sun	27	Mar	00:00
Sun	27	Mar	00:00	-	Mon	28	Mar	00:00
Mon	28	Mar	00:00	-	Tue	29	Mar	00:00
Tue	29	Mar	00:00	-	Wed	30	Mar	00:00
Wed	30	Mar	00:00	-	Thu	31	Mar	00:00
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00
Fri	01	Apr	00:00	-	Sat	02	Apr	00:00
Sat	02	Apr	00:00	-	Sun	03	Apr	00:00
Sun	03	Apr	00:00	-	Mon	04	Apr	00:00
Mon	04	Apr	00:00	-	Tue	05	Apr	00:00
Tue	05	Apr	00:00	-	Wed	06	Apr	00:00
Wed	06	Apr	00:00	-	Thu	07	Apr	00:00
Thu	07	Apr	00:00	-	Fri	08	Apr	00:00
Fri	08	Apr	00:00	-	Sat	09	Apr	00:00
Sat	09	Apr	00:00	-	Sun	10	Apr	00:00
Sun	10	Apr	00:00	-	Mon	11	Apr	00:00
Mon	11	Apr	00:00	-	Tue	12	Apr	00:00

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Transport Roads & Maritime

Services

## SPEED ZONE AUTHORISATION

LIC/SZA NO : 556329/003

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMEN	IT - NEW CONSTRUCTION SPEED LI	MIT REDUCTION
Project:	Not Applicable Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highway Reduced To	2: 40 Km/h
	Section from Narrabri to Gurley.	

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LOCATION		TRAFFIC MAN	IAGEMENT	
Subject Road:	NEWELL HWY	Distance(m):	500	
From:	WEE WAA RD, NARRABRI	Direction:	All Directions	
To:	KANIMBLA RD, GURLEY			
Council:				

	ONSITE CC	NTACT	
Trans4m Rail Joint Venture	Name:	Luke McGoldrick	
	Phone:	0413777563	
Luke McGoldrick			
0413777563			
	Luke McGoldrick	Trans4m Rail Joint Venture Name: Phone: Luke McGoldrick	Phone: 0413777563 Luke McGoldrick

APPRC	DVED	DATES	& TIMES	5				
From Shift					To Shift			
From	D	М	Time	-	То	D	м	Time
Tue	12	Apr	00:00	-	Wed	13	Apr	00:00
Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
Thu	14	Apr	00:00	-	Fri	15	Apr	00:00
Fri	15	Apr	00:00	-	Sat	16	Apr	00:00
Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
Tue	19	Apr	00:00	-	Wed	20	Apr	00:00

ADDON/ED DATED A TUMES

## **Minor Ancillary Facility Checklist**

## 1. Criteria for Minor Ancillary Facilities

The Project's Conditions of Approval (CoA) allows for the establishment and operation of Minor Ancillary Facilities on the Narrabri to North Star (N2NS) Project. Condition A21 states:

CoA A21 Facilities including lunch sheds, office sheds, material lay down sites, stockpile areas, areas used to assemble infrastructure, and portable toilet facilities can be established and operated where they satisfy the following criteria:

- (a) are located within the construction boundary; and
- (b) have been assessed by the ER to have
  - *i.* low amenity impacts to surrounding residences and businesses, after consideration of matters such as compliance with the interim Construction Noise Guideline (DECC, 2009), traffic and access impacts, dust and odour impacts and visual (including light) impacts, and
  - ii. Low environmental impact with respect to waste management and flooding, and
  - iii. No impacts on biodiversity, soil and water and heritage items beyond those already approved under the other terms of this approval.

This Minor Ancillary Facility Checklist has been prepared to assess the proposed Minor Ancillary Facility against the requirements of CoA A21 and all other environmental requirements. Mitigation measures have also been provided to ensure that any environmental risks or impacts to the Community are suitably managed.

These facilities will be located in accordance with the criteria listed in Table 2 and submitted to the Project's Environmental Representative (ER) for approval prior to site works commencing.

Site Name:	Minor Ancillary Facility (Woolabrar Ballast)		
Location:	CH618.200 Bellata (Narrabri, NSW)		
Chainage:	CH618.200 – CH618.550		
Program*:	Construction: April 2022 Occupation: April 2022 – December 2022		
Land Use:	RU1 – Primary Production (Source: Narrabri Shire Council LEP)		
Footprint / Size:	< 26,400m <sup>2</sup>		
Use:	<ul> <li>Minor Ancillary Facility (Woolabrar Ballast) will be utilised for the following purposes:</li> <li>Trailer based (mobile) site office, port-o-loo and generator.</li> <li>Carparking for site personnel.</li> <li>General Storage</li> <li>Top and bottom ballast stockpiles (20t at any one time).</li> </ul>		
Site Surroundings:	<ul> <li>Minor Ancillary Facility (Woolabrar Ballast) is surrounded by:</li> <li>North: Rail Line, heavily vegetated area, and the Newell Highway.</li> <li>East: Rail Line, sparsely vegetated land, Newell HWY, and agricultural (cropping) land.</li> <li>South: Rail Line, culvert, access gate, and sparsely vegetated land.</li> <li>West: Rail line, private road, sparsely vegetated land.</li> <li>Access to Minor Ancillary Facility (Woolabrar Ballast) will be provided via access gate 14 at LX550 on existing access track off Newell Highway.</li> </ul>		

### Table 1: Minor Ancillary Facility – Site Description

	Entry/Exit will be operated as per Vehicle Movement Plan in Appendix D, facilitated under TfNSW Road Occupancy Licence, detailed in Appendix E.
Site Establishment Process:	<ul> <li>The below sets out the scope of works for the proposed Minor Ancillary Facility:</li> <li>The proposed footprint of the MAF will be demarcated in the field using hi-visibility flagging (or other approved method) and "No-Go Zone" signage.</li> <li>Topsoil will be stripped and utilised for erosion and sediment controls. The topsoil stockpiled / windrowed will be hand seeded.</li> <li>Establishment of the site's erosion and sediment controls will be progressively installed in accordance with the site's Progressive Erosion and Sediment Control Plan.</li> <li>Mobilisation of site facilities: The trailer based (caravan-style) site office, port-o-loo and generator will be mobilised to site.</li> <li>The site compound will be assessed in the field for visual impact to neighbouring sensitive receivers. If the visual impact is deemed moderate or high, ATF style fencing and screening will be installed.</li> <li>Unless specified in a TfNSW approval, anti-gawking screens will not be applied adjacent this MAF location.</li> <li>NOTE: No bulk earthworks are required for the establishment of MAF (Woolabrar Ballast).</li> </ul>
*NOTE: Subject to weather and	inavianted site conditions

\*NOTE: Subject to weather and unexpected site conditions

### Table 2: Minor Ancillary Facility - Criteria

Criteria	Compliant (Y) Yes (N) No	Comments		
Located within the construction boundary as defined by the approval (CoA A21(a)).	Y	Minor Ancillary Facility (Woolabrar Ballast) occurs on land that occurs within the Project's Submission Preferred Infrastructure Report (SPIR) Construction Impact Zone and the CIZ – Construction WIP (20210909). Refer to Appendix A for the location.		
Compliance with the Interim Construction Noise Guideline (CoA A21(b)(i)	Y	There are two sensitive (residential) receivers identified within 1km of the proposed MAF (Woolabrar Ballast) site.		
		NNS_Rx0842 is 474.75 m north-west		
		NNS_Rx0841 is 372.83 m south-west		
			The TfNSW Noise Estimator Tool was used to predict the anticipated noise impact associated with the establishment of the proposed MAF (Woolabrar Ballast). One (1) noise scenario was run representing worse possible case scenario (i.e. the most noise intensive activity – MAF Operation) NOTE: The noise assessment assumes all plant / equipment will be operating simultaneously and operating at the nearest boundary to the landholder. The scenario being:	
				Scenario 1: MAF Site Operation (i.e. Truck >20tonne, front end loader).
			The extracts from the noise model are provided in Appendix C.	
			The findings of the noise assessment can be summarised by the following:	
		- Sensitive receivers are located at the following locations:		
		<ul> <li>NNS_Rx0841, located 372.83m south-west of the proposed MAF. This sensitive receiver is expected to experience noise impacts of 45dB or 5 dB above the daytime NML for the Project. Refer to Appendix C.</li> </ul>		

Criteria	Compliant (Y) Yes (N) No	Comments
		<ul> <li>NNS_Rx0842, located 474.75m north-west of the proposed MAF. This sensitive receiver is expected to experience noise impacts of 41dB or 1dB above the daytime NML for the Project.</li> <li>The Noise Assessment identified that sensitive receivers, with line of sight, greater than 520m away will generally not be impacted (&gt;NML (Daytime)) by bulk earthworks.</li> <li>The noise assessment also identified that no sensitive receivers will be highly noise impacted (&gt;75dB) by the works.</li> <li>Prior to site establishment works commencing, all potentially impacted landholder/s will be consulted regarding potential noise impacts associated with the establishment and operation of MAF (Woolabrar Ballast).</li> </ul>
At least 50m from watercourses and outside the 5% AEP flood zone (CoA A21(b)(ii))	Y	The proposed MAF (Woolabrar Ballast) is not located within 50 m of any waterways or drainage lines. The proposed MAF (Woolabrar Ballast) lies outside the area impacted by the existing 5% AEP local (blue highlighted in Appendix A).
Not within areas identified as threatened communities or species habitats beyond those already approved under the terms of the project approval (CoA A21(b)(iii)	Y	<ul> <li>Approximately &lt;20,000m<sup>2</sup> (~76%) of the proposed MAF (Woolabrar Ballast) site is mapped as: <ul> <li>Zone-6- PCT-56 BVT186, NA 182-Poplar Box- Belah woodland on clay-loam soils on alluvial plains north-central NSW-Derived Native Grasslands.</li> </ul> </li> <li>Approximately &lt;6,400 m<sup>2</sup> (~24%) <ul> <li>Zone-5- PCT-56 BVT186, NA 182-Poplar Box- Belah woodland on clay-loam soils on alluvial plains north-central NSW.</li> </ul> </li> <li>All vegetation within the SPIR CIZ has been accounted for within the clearing limits detailed in CoA Table E1 and will be offset in accordance with ARTC's Biodiversity Offset Strategy.</li> </ul>
No significant impacts to utilities, primarily gas and electricity	Y	The establishment and operation of MAF (Woolabrar Ballast) will not result in significant impacts to existing gas, electrical, water or communications utilities.
Not on or near sites with known Aboriginal or non- Aboriginal heritage (CoA A21(b)(iii)	Y	No areas or items of Aboriginal or non-Aboriginal significance have been identified within the area impacted by the proposed MAF (Woolabrar Ballast) site. The <i>Aboriginal Cultural Heritage Management Plan, Narrabri to North</i> <i>Star – Separable Portion 1 (N2NS SP1)</i> , dated 18th December 2020 has been reviewed and there are no areas or items that require further salvage or survey.
Safe access to the road network and rail corridor and low impacts on traffic and access (CoA A21(b)(i)	Y	Safe access to Minor Ancillary Facility (Woolabrar Ballast) will be available south of the MAF (Woolabrar Ballast) site via access gate 14 at LX550. A Transport for NSW (TfNSW) approved Road Occupancy Licence (ROL) and Traffic Management Plan (TMP) is in place for the use of this access point from the Newell Highway. This ROL and TMP will be maintained whilst this access point is being utilised for the project. See appendix E.

Compliant (Y) Yes (N) No	Comments
	The Stage 1 Construction Traffic Management Sub Plan (TMP) has been prepared and approved by TfNSW. The TMP includes the upgrade of 10 Major and 18 Minor Construction Gates within Stage 1 in accordance with a TfNSW approved RoadNet Design. These construction gates will be used to access the MAFs within Stage 1.
Y	Minor Ancillary Facility (Woolabrar Ballast) is located on relatively flat land with <1m fall across the site.
Y	The establishment and operation of the proposed MAF (Woolabrar Ballast) will generate minor waste volumes. These waste streams will generally consist of the following:
	<ul> <li>Wastewater</li> <li>Wastepaper / cardboard</li> <li>Rubbish and debris</li> <li>Food waste</li> </ul>
	The volumes of waste generated will be reduced and reuse will be maximised by implementing the mitigation measures detailed in Section 2 below.
	Flooding risk has been addressed above.
Y	The environmental impacts associated with the establishment and operation of Minor Ancillary Facility (Woolabrar Ballast) are considered minor and consistent with those impacts approved under SSI 7474.
Y	Minor Ancillary Facility (Woolabrar Ballast) will be assessed for visual impact from any surrounding sensitive receivers. Screening will be applied where the MAF site represents a moderate to high visual impact. Anti-gawking screens will be applied where required by a TfNSW Approval.
	(Y) Yes (N) No Y Y Y

A locational map, environmental constraints and co-ordinates have been provided in Appendix A and B.

## 2. Mitigation Measures

Based on the site details and environmental constraints identified in Table 1 and Table 2 above, the key environmental risks associated with the establishment and operation of the Minor Ancillary Facility (Woolabrar Ballast) include:

- Disturbance of predicted Five-Clawed Worm-Skink habitat during site establishment;
- Dust and associated impacts to air quality resulting from access and use; and
- Noise impacts to surrounding sensitive receivers.

With the implementation of the mitigation measures detailed in Table 3 below, these impacts are considered to be minor and consistent with those impacts assessed and approved under CSSI 7474.

Table 3: Minor Ancillary Facility – Mitigation Measures

	Measure/Requirement	Responsibility	Timing/ frequency	
1)	<ul> <li>Site inductions will include the following specific components for biodiversity, noise, dust, surface water, erosion &amp; sediment control management: <ul> <li>Awareness of General Environmental Duty and Duty to Notify, (legislative obligations)</li> <li>The requirement for erosion and sediment control devices to be implemented and maintained in accordance with the Erosion &amp; Sediment Control Plan</li> <li>Waste Management</li> <li>The mapped, native vegetation occurring within and adjacent the site and the significance of the TEC.</li> <li>The No-Go Zones for the MAF, incl. the significance of this control and the environmental constraints it's protecting i.e. mapped TEC, threatened species, etc.</li> <li>Hours of operation.</li> <li>General noise related mitigation measures.</li> <li>Five Clawed Worm Skinks, including habitat location and all mitigation measures specified by DPIE &amp; ARTC.</li> </ul> </li> </ul>	Environmental Manager	Pre- construction	
2)	Progressive Erosion and Sediment Control Plans (PESCPs) will be developed by Trans4m Rail Environmental Coordinators and reviewed by a CPESC throughout the site establishment phase.	Environmental Manager	Pre- construction	
3)	Controls must be in place to prevent tracking dirt and mud onto roads.	Construction Supervisor	Construction	
4)	<ul> <li>Spoil, mud or the like spilt onto sealed roads to be removed within 24hrs or before end of shift (5pm AEDT if Newell HWY is affected) through use of a street sweeper or other means.</li> <li>Controls to minimise mud-tracking onto public roads will generally include rumble grids (i.e. similar to Pad 2), stabilised site access (i.e. rock, gravels, etc) or sheeting of the MAF with clean rock material (i.e. similar to Pad 4).</li> </ul>	Construction Supervisor	Construction	
5)	Mobile plant and vehicles, including deliveries must use designated travel routes, site access routes, site access tracks and lay down areas.	Construction Supervisor	Construction	
6)	Any activities requiring the discharge of construction water off site will be undertaken in accordance with the PESCP.	All personnel / Environmental Manager	Construction	
7)	Slashing limits (incl. vegetation to be retained) must be clearly identified and physically demarcated on-site. Slashing, clearing or other ground disturbance activities must not occur outside these areas unless otherwise approved in writing by the Environment Manager, or suitable delegate.	Construction		
3)	Groundcover to be re-established as soon as practicable to prevent erosion during construction.	Construction Supervisor	Construction	
9)	In the event that an area or item of heritage significance, threatened species, contaminated material or asbestos containing materials (ACM) are discovered or suspected on-site, then all works affecting the find must cease immediately, the area secured and relevant Trans4m Rail's Unexpected Finds Procedure / Protocol will be implemented. Trans4m Rail's Environmental Manager (or delegate), ARTC and the Project Environmental Representative must be immediately	All personnel / Construction Supervisor	Construction	

	Measure/Requirement	Responsibility	Timing/ frequency
	notified of any unexpected finds. Other stakeholders (e.g. NSW EPA, OEH, DPIE, WaterNSW, Council, local landholders, etc) may also be notified depending on the nature and scale of the unexpected find.		
10)	Any spills or leaks of chemicals, fuels, oils, effluent or any other hazardous substance that occurs during site establishment must be managed and reported in accordance with Trans4m Rail's Environmental Incident Response and Reporting Procedure.	All personnel / Construction Supervisor	Construction
1)	Refuelling activities must always be closely supervised. Plant and equipment being refuelled must not be left unattended for any period of time.	All personnel / Construction Supervisor	Construction
2)	The land on which ancillary facilities, laydowns areas, access tracks and all other temporary works are located shall be rehabilitated to at least their pre-construction condition or better, unless otherwise agreed by the landowner.	Construction Supervisor	Construction
3)	<ul> <li>Weather forecast will be reviewed daily (via http://www.bom.gov.au/) and additional measures implemented where unfavourable weather conditions (i.e. hot, dry weather, high wind speed (&gt;10m/s)) are anticipated. Measures to be implemented during unfavourable weather conditions may include a reduction of speed, a modified construction methodology, alternative plant and equipment, altering the scheduled works or program for the day, additional water carts or ceasing dust generating activities until conditions are more favourable.</li> <li>Dust will be monitored and managed in accordance with the mitigation measures detailed in Project's CSWMP.</li> <li>In addition to this, the following measures will be undertaken;</li> <li>Where practical, the MAF carpark and trafficked areas will be sheeted with clean rock / gravel material.</li> <li>Increased training and surveillance of dust by key Project personnel (i.e. Superintendents, Supervisors, Operators etc).</li> <li>Stockpiling and material handling will be avoided in MAFs adjacent the Newell Hwy.</li> <li>Long term stockpiles (&gt;1 month) will be compacted using an excavator bucket and soil binder applied (where practicable, soil binder will be used on highly trafficked areas.</li> <li>Material i.e. gravel, ballast, etc will be watered down prior to loading, handling and movement.</li> </ul>	Environmental Manager / Construction Supervisor	Construction
14)	The following dust control measures will be utilised to suppress dust being generated from access roads, laydown areas, ancillary facilities and all other exposed surfaces; water application via watercarts and alternative means (i.e. sprinklers, hoses), sealing or stabilisation of highly trafficked areas, dust screens, application of geofabric or jute mat or the application of soil binding agents. The frequency of use will be modified depending on the prevailing wind and weather conditions. <i>If dust impacts the Newell HWY at any stage, all works will cease until causation has been rectified</i> .	Construction Supervisor	Construction
5)	Exhaust systems of construction plant, vehicles and machinery will be maintained in accordance with manufacturer's specifications to ensure that emissions do not exceed EPA regulations. Periodic visual checks will be undertaken daily.	Construction Supervisor	Construction

	Measure/Requirement	Responsibility	Timing/ frequency
16)	Waste will be segregated and collected on a regular basis to ensure odours associated with waste do not become an issue to surrounding sensitive receivers. All waste will be collected and disposed of at a licensed facility.	All personnel	Construction
17)	All works will be undertaken in accordance with the standard construction hours detailed in Condition of Approval E1.	Construction Supervisor	Construction
18)	Notification undertaken during construction would inform relevant stakeholders of the work locations and timing, and the potential for noise impacts.	Community Engagement Team	Construction
19)	Boundary screening will be erected if a site inspection determines that the MAF could significantly impact sensitive receivers. Anti-gawking screens will be applied where required by a TfNSW Approval.	Environment Manager / Construction Supervisor	Construction
20)	All personnel would be inducted on the subject of Five-clawed Worm-skinks (FCWS). Targeted FCWS surveys would be undertaken by Project Ecologist and/or Fauna Spotter-Cather team prior to and during slashing, clearing of woody vegetation and topsoil stripping activities within the following chainages, stage 1 chainage 603.000 to 625.000 and stage 3 chainage 735.000 to 754.250. The surveys would include active searches of microhabitats, including, carefully turning woody debris, rocks and artificial debris, raking the soil surface or leaf litter beneath trees and looking beneath peeling bark for reptiles or their sloughs, searching for animals during topsoil stripping (working closely with the grader operator). Targeted pre-clearing surveys would comprise a minimum of 1.5 person hours per hectare for habitats of average complexity per targeted species (scaled up or down depending on site complexity). Any FCWS captured would have the following data collected: GPS coordinates of capture/relocation site, measurements of snout-vent length, tail length and total length. Relocation site are to be as close to capture site as possible with suitable microhabitat. No more than 10 adults and 5 sub-adults or hatchlings per 100m2 of suitable habitat may be relocated due to risk of overstocking. NOTE: Additional measures will be taken to avoid relocated individuals from re-entering the construction site i.e. sediment fence, etc.	Environmental Manager/ Construction Supervisor	Construction

### 3. Certification

This Minor Ancillary Facility Checklist provides a true and fair review of the proposed activity for the Inland Rail N2NS upgrade project.

Sianed:

M

Name: Maggie Wilton

Position: Trans4m Rail Enviro & Sustainability Admin Assistant

Date: 07/04/2022

Signed:

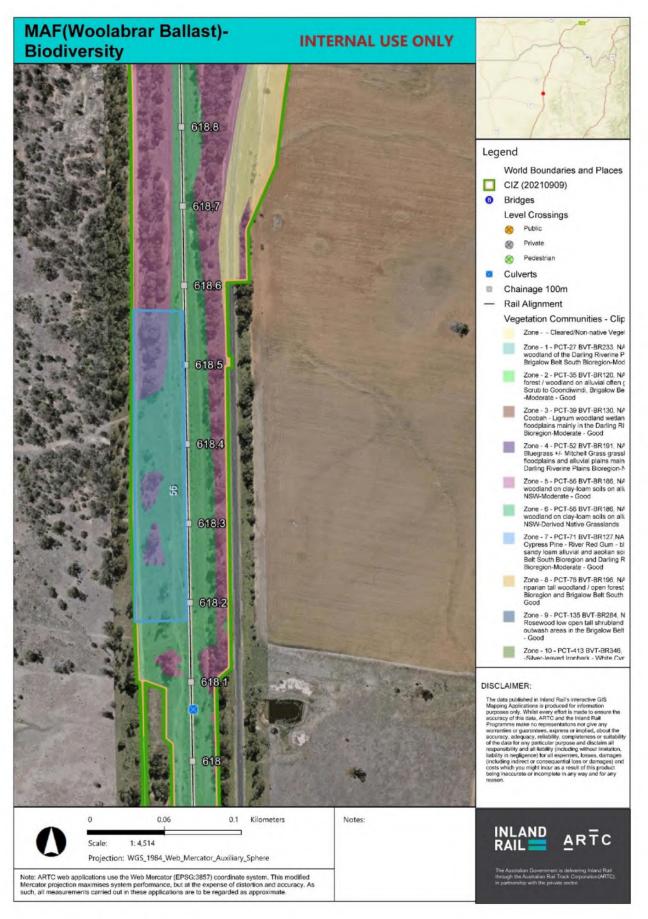
Name: Steve Fermio

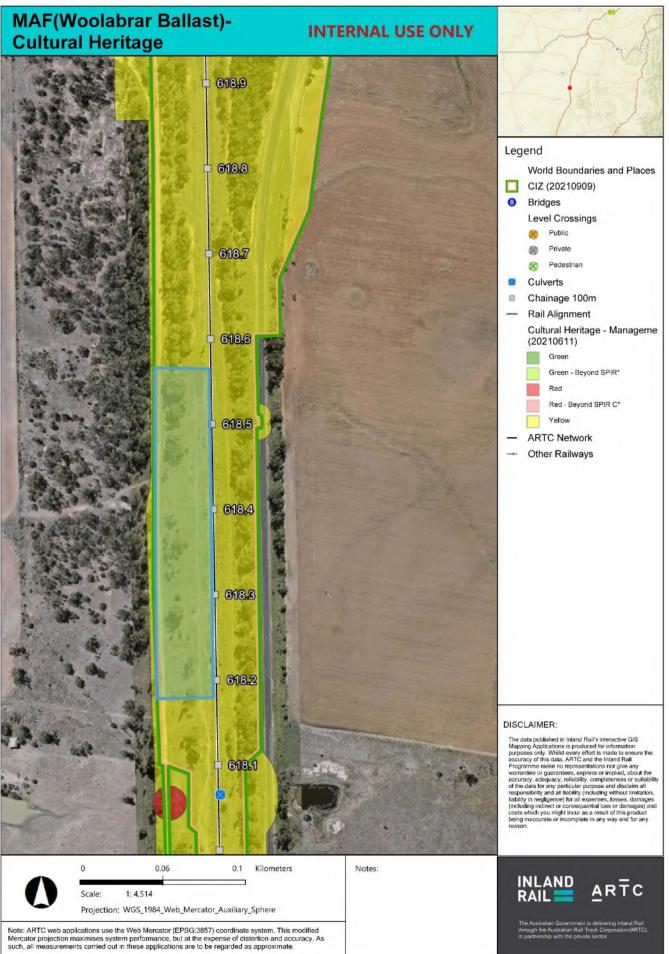
**Position: Environmental Representative** 

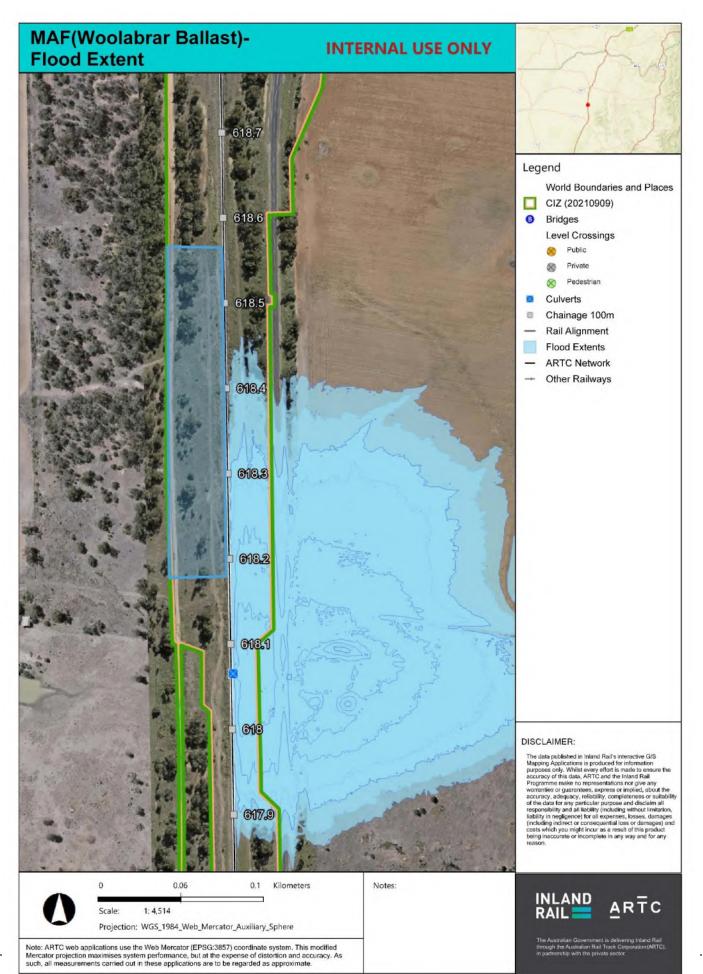
Date: 12/4/2022

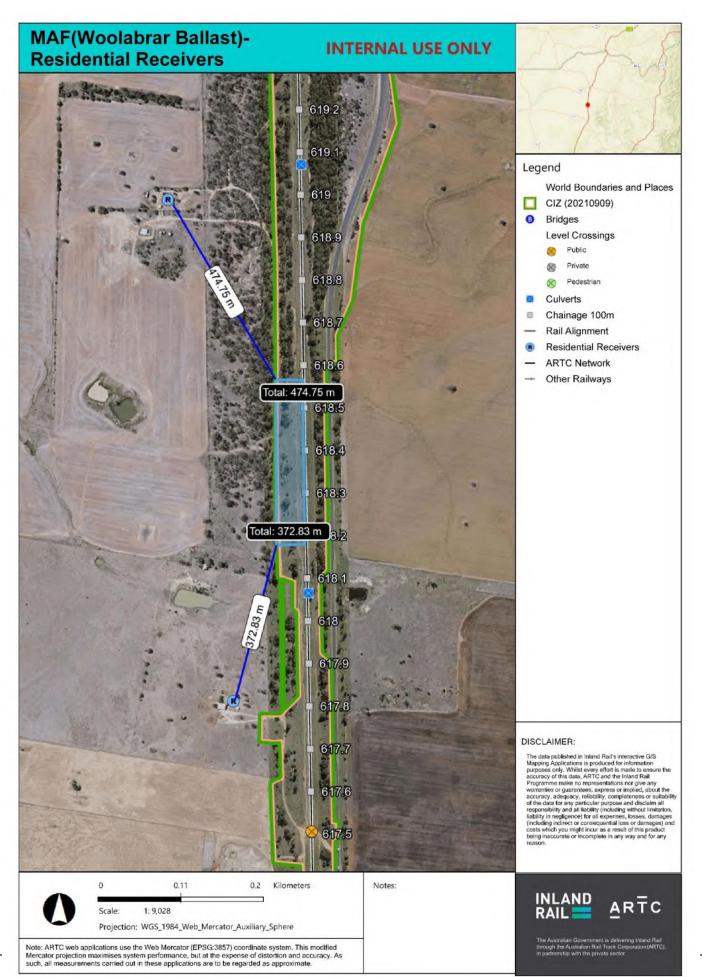
Note: This MAF approval does not constitute in any way an authorisation of the traffic control and entry / exit arrangements for light and heavy vehicles at this site. These are subject to separate approval by, and the requirements of, TfNSW (or Local Council) through the relevant Road Occupancy Licence/s, Speed Zone Authorisation/s, Traffic Management Plan or any other TfNSW or Local Council regulatory requirements.

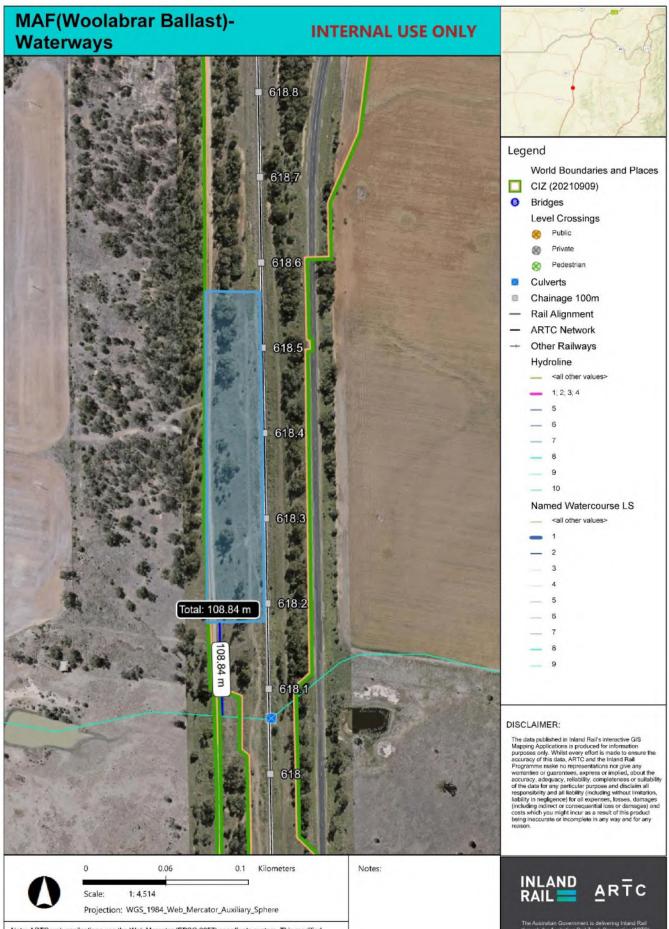
## Appendix A: Site Location (incl. Environmentally Sensitive Areas)











Note: ARTC web applications use the Web Mercator (EPSG:3857) coordinate system. This modified Mercator projection maximises system performance, but at the expense of distortion and accuracy. As such, all measurements carried out in these applications are to be regarded as approximate.

## **Appendix B: Site Location (Co-ordinates)**

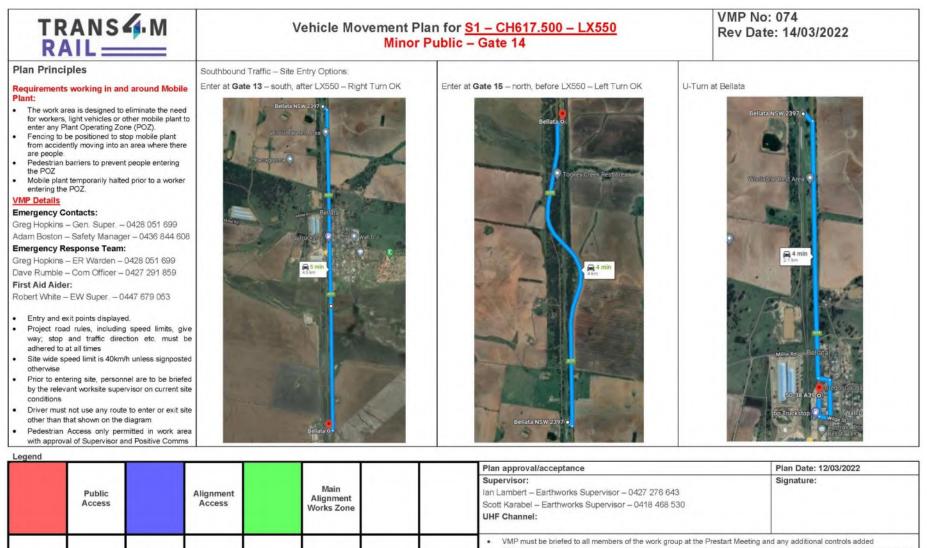
1	Lat: 29.89086° S
	Lon: 149.78926° E
2	Lat: 29.89092° S
-	Lon: 149.78986° E
3	Lat: 29.89440° S
	Lon: 149.78926° E
4	Lat: 29.89437° S
	Lon: 149.78996° E

## **Appendix C: Noise Estimator**

## Appendix D: Vehicle Movement Plan

	Vehicle Movement Plan for <u>S1 – CH617.500 – LX550</u> Minor Public – Gate 14	VMP No: 074 Rev Date: 14/03/2022
Plan Principles		
	Bilinst Scocyained Contraction of Co	
<ul> <li>Driver must not use any route to enter or exit site other than that shown on the diagram</li> <li>Pedestrian Access only permitted in work area</li> </ul>		
<ul> <li>Pedestrian Access only permitted in work area with approval of Supervisor and Positive Comms</li> </ul>		

						Plan approval/acceptance	Plan Date: 11/03/2022
	Local Road		Alignment Access	Main Alignment Works Zone	MAF	Supervisor: Ian Lambert – Earthworks Supervisor – 0427 276 643 Scott Karabel – Earthworks Supervisor – 0418 468 530 UHF Channel:	Signature:
1	All Traffic IN	1	All Traffic OUT			<ul> <li>VMP must be briefed to all members of the work group at the Prestar</li> <li>Changing conditions (e.g., new, or extra work group, new work area)</li> <li>VMP is Mandatory to all works areas and must be approved prior to v</li> <li>Ensure vehicles do not obstruct highway or level crossing when trans</li> <li>Pedestrian Access will be finalised on site.</li> </ul>	must be captured, plan amended, and changes agreed. vorks commencing.



- Ensure vehicles do not obstruct highway or level crossing when transiting to and from delivery site.
- Pedestrian Access will be finalised on site.

### All Traffic IN All Traffic OUT

# TRANS 4.M

#### **Plan Principles**

#### **Requirements working in and around Mobile** Plant:

- · The work area is designed to eliminate the need for workers, light vehicles or other mobile plant to enter any Plant Operating Zone (POZ).
- · Fencing to be positioned to stop mobile plant from accidently moving into an area where there are people.
- · Pedestrian barriers to prevent people entering the POZ
- · Mobile plant temporarily halted prior to a worker entering the POZ.

### **VMP** Details

#### **Emergency Contacts:**

Greg Hopkins - Gen. Super. - 0428 051 699 Adam Boston - Safety Manager - 0436 844 608

### **Emergency Response Team:**

Greg Hopkins - ER Warden - 0428 051 699 Dave Rumble - Com Officer - 0427 291 859

#### First Aid Aider:

Robert White - EW Super. - 0447 679 053

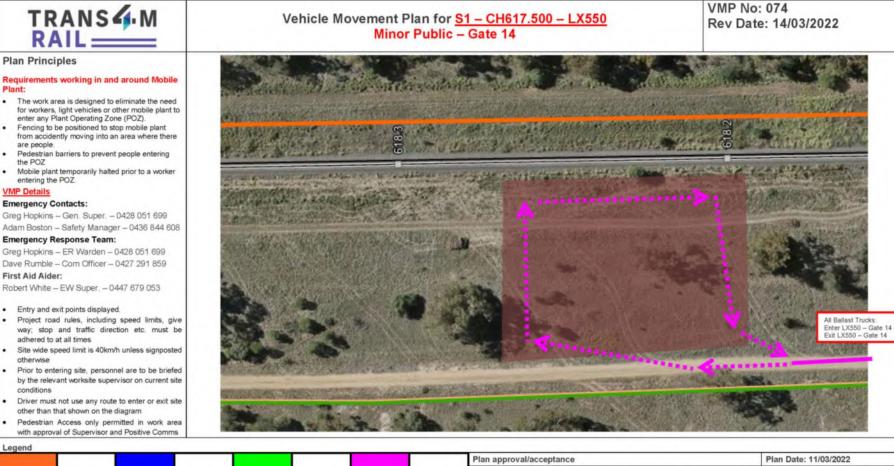
#### Entry and exit points displayed.

- · Project road rules, including speed limits, give way; stop and traffic direction etc. must be adhered to at all times.
- · Site wide speed limit is 40km/h unless signposted otherwise
- · Prior to entering site, personnel are to be briefed by the relevant worksite supervisor on current site conditions
- · Driver must not use any route to enter or exit site other than that shown on the diagram
- · Pedestrian Access only permitted in work area with approval of Supervisor and Positive Comms



Plan Date: 11/03/2022 Plan approval/acceptance Supervisor: Signature: Ian Lambert - Earthworks Supervisor - 0427 276 643 Materials Crib LV Carpark **HV Carpark** Laydown Facilities Scott Karabel - Earthworks Supervisor - 0418 468 530 **UHF Channel:** VMP must be briefed to all members of the work group at the Prestart Meeting and any additional controls added Mixed . Changing conditions (e.g., new, or extra work group, new work area) must be captured, plan amended, and changes agreed. Access Delineation VMP is Mandatory to all works areas and must be approved prior to works commencing. ٠ Ensure vehicles do not obstruct highway or level crossing when transiting to and from delivery site. Lime LV Access . Ballast Pedestrian Access will be finalised on site. Storage Pedestrian **HV Access** Access Solid 2-Way Dash 1-Way

#### Legend



Materials Laydown	Crib Facilities	LV Carpark			Plan approval/acceptance Supervisor: Ian Lambert – Earthworks Supervisor – 0427 276 643 Scott Karabel – Earthworks Supervisor – 0418 468 530 UHF Channel:	Plan Date: 11/03/2022 Signature:
Lime Storage	Ballast	 Delineation Pedestrian Access	=	Mixed Access LV Access HV Access Solid 2-Way Dash 1-Way	<ul> <li>VMP must be briefed to all members of the work group at the Prestart Meeting an Changing conditions (e.g., new, or extra work group, new work area) must be cap VMP is Mandatory to all works areas and must be approved prior to works comm</li> <li>Ensure vehicles do not obstruct highway or level crossing when transiting to and</li> <li>Pedestrian Access will be finalised on site.</li> </ul>	otured, plan amended, and changes agreed. encing.

Plant:

the POZ

**VMP Details** 

otherwise

conditions

Legend

## Appendix E: Road Occupancy Licence (ROL)

## ROAD OCCUPANCY LICENCE

### LICENCE NO : 556329

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM



To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMENT Project:	- NEW CONSTRUCTION Not Applicable	LOCATION Subject Road: NEWELL HW									
This Activity :	In Land Rail. Narrabri to North Star. Newell	vau.			A RD, NA	ARRA	ABRI				
The roarity .	Highway Section from Narrabri to Gurley.	From: To:				ARD, G					
		Council:			RRAB						
	Work Description: Survey, Vegetation maintenance,										
	Light Vehicle Movements, Minor Heavy Vehicle										
	Movements <20										
ICENSEE		ONSITE	CONT	ACT							
Organisation:	Trans4m Rail Joint Venture	Name:		Lu	ke McG	Soldrick					
Ref No:		Phone:		04	137775	63					
Name:	Luke McGoldrick										
Phone:	0413777563										
TRAFFIC MANAG	GEMENT	LICENC	EDUR	ATIO	N						
low Management	Contra Flow; Standard Lane Merge; Mobile Works;	From:		21.	Mar-20	022					
	Portable Signals; Short Term / Intermittent Works;	To:		20-	Apr-20	22					
	Stop / Slow Control										
Closure Type:	All lanes both directions										
Closure Lane(s):	Shoulder; Median Shoulder										
Direction(s):	All Directions										
LICENCE COND	ITIONS		APPR	OVE	D DAT	ES&T	IME	5			
1 YOU MUST USE SHIFT ACTIVATION WEB ADDRESS https://myrol.transport.nsw.gov.au TO ACTIVATE AND DEACTIVAT APPROVED ROAD OCCUPANCY LICENCE(S). (TO CHANGE TR/ CONTROL SIGNALS TO FLASHING YELLOW OR TO ACTIVATE DERMANENT VARIABLE MESSAGE SIGNE 1004 1800 270 7801				From	n Shift			To Shift			
		AFFIC	From	D	м	Time	-	То	D	м	Time
			Mon	21	Mar	00:00	-	Tue	22	Mar	00:00
	PERMANENT VARIABLE MESSAGE SIGNS DIAL 1800 679 782)				Mar	00:00	-	Wed	23		00:0
GUIDANCE SCHEMES (TGS). PLEASE NOTE WORKCOVER REC		UIRES	Wed	23	Mar	00:00	-	Thu	24		00:00
	C GUIDANCE SCHEMES (TGS) COMPLY WITH AS	1742.3	Thu	24	Mar	00:00	-	Fri	25	Mar	
ENVIRONMEN	RELATING TO NOISE GENERATION OR OTHER TAL FACTORS ON SITE ARE UNDER THE JURISE		Fri Sat	25 26	Mar Mar	00:00 00:00	1	Sat Sun	26 27	Mar Mar	00:00
OF THE LOCAL AUTHORITY.	L COUNCIL AND/OR THE ENVIRONMENTAL PRO	FECTION	Sun	27	Mar	00:00	-	Mon	28		00:0
	PROPOSED WORKS INVOLVE UNDERBORING O	R	Mon	28	Mar	00:00	-	Tue	29	Mar	00:00
EXCAVATION OF STATE ROAD ASSETS OR THE REMOVAL OF		= KERB	Tue	29	Mar	00:00	-	Wed	30		00:0
	DETAILS OF WORKS MUST BE APPROVED BY T R SYDNEY REGION CONTACT:	FNSW.	Wed	30	Mar	00:00	-	Thu	31		00:0
greatersydneyr	oads@transport.nsw.gov.au. FOR REGIONAL & OU AN. CONTACT: road.access@transport.nsw.gov.au.	TER	Thu	31	Mar	00:00	-	Fri	01	Apr	00:0
	TO AFFECTED BUSINESSES, RESIDENTS AND	OTHER	Fri	01	Apr	00:00	-	Sat	02	Apr	00:00
STAKEHOLDE	RS MUST BE UNDERTAKEN AT LEAST 5 BUSINE		Sat	02	Apr	00:00	-	Sun	03	Apr	00:00
			Sun	03	Apr	00:00	-	Mon	04	Apr	00:00
	DVANCE WARNING MUST BE PROVIDED TO G MOTORISTS.		Mon	04	Apr	00:00	-	Tue	05	Apr	00:00
7 EFFECTIVE M	ONITORING OF END-OF-QUEUE CONDITION MUS		Tue	05	Apr	00:00	-	Wed	06	Apr	00:00
	D. IF QUEUING CONTRARY TO CONDITIONS OF T		Wed	06	Apr	00:00	-	Thu	07	Apr	00:00
	LICENCE OCCURS, THEN THE ROAD MUST BE RE-OPENED AN TRAFFIC QUEUE MUST BE CLEARED.		Thu	07	Apr	00:00	-	Fri	08		00:0
	TO BE USED ONLY WHEN TRAFFIC CONTROL		Fri	08	Apr		-	Sat	09		00:00
	AVE BEEN IMPLEMENTED AND ROAD WORKS AN 0KM/H ZONE SHOULD NOT EXCEED 500 METRE		Sat	09	Apr		-	Sun	10		00:00
LENGTH.			Sun Mon	10	Apr		-	Mon	11		00:00
9 ANY STOPPAC	ANY STOPPAGES OF TRAFFIC RESULTING FROM ACTIVITIES I			11 12	Apr Apr		-	Tue Wed	12 13		00:00
	LICENCE MUST NOT EXCEED 5 MINUTES PER INSTANCE OR E 500 METRES IN LENGTH. ALL TRAFFIC QUEUES MUST BE CLE/		Tue Wed	12	Apr		-	Thu	14		00:00
LICENCE MUS 500 METRES I											
LICENCE MUS 500 METRES I	RETURNED TO FREE FLOWING CONDITION BET	WEEN	Thu	14	Apr		-	Fri	15		00:0

Transport

Roads & Maritime Services

## ROAD OCCUPANCY LICENCE

### LICENCE NO : 556329

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMENT	- NEW CONSTRUCTION	LOCATI	ON								
Project:	Not Applicable	Subject F	Road:	NE	WELL	HWY					
This Activity :	In Land Rail. Narrabri to North Star. Newell	From:		WEE WAA RD, NARRABRI							
	Highway Section from Narrabri to Gurley.	To:				A RD. G					
			NA	RRAB	RI						
	Work Description: Survey, Vegetation maintenance	,									
	Light Vehicle Movements, Minor Heavy Vehicle										
	Movements <20										
LICENSEE		ONSITE	CONT	ACT							
Organisation:	Trans4m Rail Joint Venture	Name:		Lu	ke McC	Goldrick					
Ref No:		Phone:		04	137778	563					
Name:	Luke McGoldrick										
Phone:	0413777563										
TRAFFIC MANAG	GEMENT	LICENC	EDUR	ATIO	N						
Flow Management	Contra Flow; Standard Lane Merge; Mobile Works;	From:		21-	Mar-2	022					
	Portable Signals; Short Term / Intermittent Works;	To:		20-Apr-2022							
	Stop / Slow Control										
Closure Type:	All lanes both directions										
Closure Lane(s):	Shoulder; Median Shoulder										
Direction(s):	All Directions										
LICENCE COND	ITIONS		APPR	OVE	D DAT	TES&T	IME	5	_		
10 PORTABLE TRAFFIC SIGNALS MUST BE IN ACCORDANCE WIT			From Shift To Shift								
	STANDARDS AND APPROVED FOR USE BY TFNS N OF PORTABLE TRAFFIC SIGNALS MUST COMF		From	D	м	Time	-	То	D	м	Time
THE TRAFFIC	CONTROL AT WORKSITES MANUAL. TRAFFIC Q		Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
	NITORED AND MANAGED.		Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
11 LANE WIDTHS HEAVY VEHIC	MUST BE SUFFICIENT TO PERMIT CLEAR ACCE	ESS FOR	Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
12 MOBILE WORK	De	Tue	19	Apr	00:00	-	Wed	20	Apr	00:00	

12 MOBILE WORKS MUST COMPLY WITH AUSTRALIAN STANDARDS 1742.3 AND TRNSW'S TRAFFIC CONTROL AT WORK SITES MANUAL. MOBILE WORKS MUST GIVE PRIORITY TO PLANNED SITE-SPECIFIC ROL APPROVALS.

Transport

Services

Roads & Maritime

## SPEED ZONE AUTHORISATION

### LIC/SZA NO: 556329/001

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVEL	OPME	NT - NE	W CON	STRU	JCTION				SPEED LIMIT REDUCTION				
Project:		No	t Applicab	le					Existing:	110 Km/h			
This Acti	ivity :	In Land Rail. Narrabri to North Star. Newell Highway							ay <b>Reduced To</b> : 80 Km/h				
		Se	ction from	Narra	bri to Gur	ley.							
		Wo	ork Descrip	ption: \$	Survey, V	egetatio	on maint	enance,					
		Lig	ht Vehicle	Move	ments, M	inor He	avy Veh	icle					
		Мо	vements	<20									
periods.	The O	rganisati	ion is to m	aintair	n accurate	record	is of whe	en the sp	beed limit signs w	to be covered or removed outside the approved time ere installed and removed, including the location of the letion of each of the approved time periods as detailed			
OCAT	LOCATION								TRAFFIC MAN	JAGEMENT			
Subject Road: NEWELL HWY			VY					Distance(m):	2000				
From:			E WAA R		RRABRI				Direction:	All Directions			
To:													
Council:													
LICENS	SEE								ONSITE CON	TACT			
Organisa		Tra	ins4m Rai	il Joint	Venture				Name:	Luke McGoldrick			
Ref No:									Phone:	0413777563			
Name:		Lul	ke McGold	drick									
Phone:		04	13777563										
APPRO	OVED	DATES	& TIMES	5									
	From	n Shift				То	Shift						
From	D	м	Time	-	То	D	м	Time					
Mon	21	Mar	00:00	-	Tue	19	Apr	00:00					
Tue	22	Mar	00:00	-	Wed	23	Mar	00:00					
Wed	23	Mar	00:00	-	Thu	24	Mar	00:00					
Thu	24	Mar	00:00	-	Fri	25	Mar	00:00					
Fri	25	Mar	00:00	-	Sat	26	Mar	00:00					
Sat	26	Mar	00:00	-	Sun	27	Mar	00:00					
Sun	27	Mar	00:00	-	Mon	28	Mar	00:00					
Mon	28	Mar	00:00	-	Tue	29	Mar	00:00					
Tue	29	Mar	00:00	-	Wed	30	Mar	00:00					
Wed	30	Mar	00:00	-	Thu	31	Mar	00:00					
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00					
Fri	01	Apr	00:00	-	Sat	02	Apr	00:00					
Sat	02	Apr	00:00	-	Sun	03	Apr	00:00					
Sun	03	Apr	00:00	-	Mon	04	Apr	00:00					

All pages of this Speed Zone Authorisation(s) must be available on site at all times and must be produced for inspection when requested by representatives of NSW Police, Roads & Maritimes Services, Transport for NSW and other Government Agencies.

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Transport Roads & Maritime

Services

# SPEED ZONE AUTHORISATION

### LIC/SZA NO: 556329/001

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVEL	OPME	NT - NE	WCON	STRL	ICTION				SPEED LIMIT	REDUCTION			
Project		Not	Applicab	le					Existing:	110 Km/h			
This Acti	ivity :	InL	and Rail.	Narra	bri to Nort	h Star.	Newell	Highway	Reduced To :	80 Km/h			
		Section from Narrabri to Gurley.											
		Wo	Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle										
		Lig	ht Vehicle	Move	ments, Mi	nor Hea	avy Veh	icle					
		Movements <20											
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LOCATION									TRAFFIC MANAGEMENT				
Subject I	Road:	NE	WELL HV	VY					Distance(m):	2000			
From:		WE	E WAA R	D, NA	RRABRI				Direction:	All Directions			
To:		KA	NIMBLA F	RD, GI	JRLEY								
Council:													
LICENS	SEE								ONSITE CONT	ACT			
Organisa	ation:	Tra	ns4m Rai	il Joint	Venture				Name:	Luke McGoldrick			
Ref No:									Phone:	0413777563			
		Luk	ke McGold	drick									
Name:		0413777563											
Name: Phone:													
Phone:	OVED [	DATES	& TIMES	S									
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APPRC From Tue Wed Thu	From D 12 13 14	Shift M Apr Apr Apr	<b>Time</b> 00:00 00:00 00:00	-	Wed Thu Fri	D 13 14 15	M Apr Apr Apr	00:00 00:00 00:00					
Phone: APPRC From Tue Wed Thu Fri	From D 12 13 14 15	Shift M Apr Apr Apr Apr	<b>Time</b> 00:00 00:00 00:00 00:00	-	Wed Thu Fri Sat	D 13 14 15 16	M Apr Apr Apr Apr	00:00 00:00 00:00 00:00					
APPRC From Tue Wed Thu	From D 12 13 14	Shift M Apr Apr Apr	<b>Time</b> 00:00 00:00 00:00	-	Wed Thu Fri	D 13 14 15	M Apr Apr Apr	00:00 00:00 00:00					

All pages of this Speed Zone Authorisation(s) must be available on site at all times and must be produced for inspection when requested by representatives of NSW Police, Roads & Maritimes Services, Transport for NSW and other Government Agencies.

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# SPEED ZONE AUTHORISATION



Transport **Roads & Maritime** Services

### LIC/SZA NO: 556329/002 ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMEN	IT - NEW CONSTRUCTION	SPEED LIMIT	SPEED LIMIT REDUCTION			
Project:	Not Applicable	Existing:	110 Km/h			
This Activity :	In Land Rail. Narrabri to North Star. Newell Hi	60 Km/h				
	Section from Narrabri to Gurley.					

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LOCATION		TRAFFIC MANAGEMENT					
Subject Road:	NEWELL HWY	Distance(m):	2000				
From:	WEE WAA RD, NARRABRI	Direction:	All Directions				
To:	KANIMBLA RD, GURLEY						
Council:							
LICENSEE		ONSITE CON	TACT				
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick				
Ref No:		Phone:	0413777563				

Ref No: Name: Luke McGoldrick 0413777563 Phone:

### **APPROVED DATES & TIMES**

	From	n Shift				То	Shift	
From	D	м	Time	-	То	D	м	Time
Mon	21	Mar	00:00	_	Tue	19	Apr	00:00
Tue	22	Mar	00:00	-	Wed	23	Mar	00:00
Wed	23	Mar	00:00	-	Thu	24	Mar	00:00
Thu	24	Mar	00:00	-	Fri	25	Mar	00:00
Fri	25	Mar	00:00	-	Sat	26	Mar	00:00
Sat	26	Mar	00:00	-	Sun	27	Mar	00:00
Sun	27	Mar	00:00	-	Mon	28	Mar	00:00
Mon	28	Mar	00:00	-	Tue	29	Mar	00:00
Tue	29	Mar	00:00	-	Wed	30	Mar	00:00
Wed	30	Mar	00:00	-	Thu	31	Mar	00:00
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00
Fri	01	Apr	00:00	-	Sat	02	Apr	00:00
Sat	02	Apr	00:00	-	Sun	03	Apr	00:00
Sun	03	Apr	00:00	-	Mon	04	Apr	00:00
Mon	04	Apr	00:00	-	Tue	05	Apr	00:00
Tue	05	Apr	00:00	-	Wed	06	Apr	00:00
Wed	06	Apr	00:00	-	Thu	07	Apr	00:00
Thu	07	Apr	00:00	-	Fri	08	Apr	00:00
Fri	08	Apr	00:00	-	Sat	09	Apr	00:00
Sat	09	Apr	00:00	-	Sun	10	Apr	00:00
Sun	10	Apr	00:00	-	Mon	11	Apr	00:00
Mon	11	Apr	00:00	-	Tue	12	Apr	00:00

Transport Roads & Maritime Services

# SPEED ZONE AUTHORISATION

### LIC/SZA NO: 556329/002

ROADS & MARITIME SERVICES (RMS)

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DEVELOPMEN	IT - NEW CONSTRUCTION	SPEED LIMIT REDUCTION							
Project:	Not Applicable	Existing:	110 Km/h						
This Activity :	In Land Rail. Narrabri to North Star. Newell High	way Reduced To :	60 Km/h						
	Section from Narrabri to Gurley.								
	Work Description: Survey, Vegetation maintenan	ce,							
	Light Vehicle Movements, Minor Heavy Vehicle								
	Movements <20								
periods. The Org	anisation is to maintain accurate records of when the	e speed limit signs we	to be covered or removed outside the approved time ere installed and removed, including the location of th etion of each of the approved time periods as detailed						
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periods. The Org signs, the date a herein.	anisation is to maintain accurate records of when the	e speed limit signs we instated at the compl	ere installed and removed, including the location of the etion of each of the approved time periods as detailed						
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	From	Shift			To Shift					
From	D	м	Time	-	То	D	м	Time		
Tue	12	Apr	00:00	-	Wed	13	Apr	00:00		
Wed	13	Apr	00:00	-	Thu	14	Apr	00:00		
Thu	14	Apr	00:00	-	Fri	15	Apr	00:00		
Fri	15	Apr	00:00	_	Sat	16	Apr	00:00		
Sat	16	Apr	00:00	-	Sun	17	Apr	00:00		
Sun	17	Apr	00:00	-	Mon	18	Apr	00:00		
Mon	18	Apr	00:00	-	Tue	19	Apr	00:00		
Tue	19	Apr	00:00	-	Wed	20	Apr	00:00		

Transport

Roads & Maritime Services

# SPEED ZONE AUTHORISATION

### LIC/SZA NO: 556329/003

ROADS & MARITIME SERVICES (RMS)

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DEVEL	OPME	NT - NE	EW CON	REDUCTION									
Project:		Not Applicable							Existing:	110 Km/h			
This Acti	ivity :		313 31		bri to Nor	h Star.	Newell	Highway	way Reduced To : 40 Km/h				
		Se	ction from	Narra	bri to Gur	ey.							
		10/0	ork Descrip	ntion: (	Survey V	enetatio	n maint	enance					
			Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle										
			vements ·		ments, wi	noi ne	avy ven	licie					
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periods.	The Or	ganisat	ion is to m	aintair	n accurate	record	s of whe	en the sp	beed limit signs w	to be covered or removed outside the approved time ere installed and removed, including the location of the letion of each of the approved time periods as detailed			
LOCAT	DCATION								TRAFFIC MAN	JAGEMENT			
Subject I		NE	WELL HV	VY					Distance(m):	500			
From:			E WAA R		RRABRI				Direction:	All Directions			
To:			NIMBLA F										
Council:													
LICENSEE								ONSITE CON	TACT				
Organisa	ation:	Tra	ins4m Rai	il Joint	Venture				Name:	Luke McGoldrick			
Ref No:									Phone:	0413777563			
Name:		Lu	ke McGold	drick									
Phone:		04	13777563										
APPRO		DATES	& TIMES	5		_							
C. C. G. C. S.		Shift				То	Shift						
From	D	м	Time	-	То	D	м	Time					
Mon	21	Mar	00:00	-	Tue	19	Apr	00:00					
Tue	22	Mar	00:00	-	Wed	23	Mar	00:00					
Wed	23	Mar	00:00	-	Thu	24	Mar	00:00					
Thu	24	Mar	00:00	-	Fri	25	Mar	00:00					
Fri	25	Mar	00:00	-	Sat	26	Mar	00:00					
Sat	26	Mar	00:00	-	Sun	27	Mar	00:00					
Sun	27	Mar	00:00	-	Mon	28	Mar	00:00					
Mon	28	Mar	00:00	-	Tue	29	Mar	00:00					
Tue	29 30	Mar	00:00 00:00	-	Wed	30 31	Mar	00:00					
Wed		Mar		-	Thu		Mar						
Thu Fri	31 01	Mar	00:00 00:00	-	Fri Sat	01 02	Apr	00:00 00:00					
Sat	02	Apr Apr	00:00	•	Sat	02	Apr Apr	00:00					
Sun	02	Apr	00:00		Mon	03		00:00					
Mon	03		00:00	-	Tue	04	Apr	00:00					
Tue	04	Apr Apr	00:00		Wed	06	Apr Apr	00:00					
Wed	06	Apr	00:00	-	Thu	07	Apr	00:00					
Thu	07	Apr	00:00	-	Fri	08	Apr	00:00					
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Fri	08	Apr	00:00	-	Sat	09	Apr						
Sat	09	Apr	00:00	-	Sun	10	Apr	00:00					

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#### Minor Ancillary Facility Checklist - (Woolabrar Ballast) - Rev. 1

### SPEED ZONE AUTHORISATION



Roads & Maritime Services

## LIC/SZA NO: 556329/003

ROADS & MARITIME SERVICES (RMS)

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DEVELOPMEN	IT - NEW CONSTRUCTION	SPEED LIMIT	REDUCTION
Project	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell	Highway Reduced To :	40 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

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BRI Direct	ction: All Directions
EY	

LICENSEE		ONSITE CONTACT				
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick			
Ref No:		Phone:	0413777563			
Name:	Luke McGoldrick					
Phone:	0413777563					

APPRC	<b>VED</b>	DATES	& TIMES	5				
	From	h Shift				То	Shift	
From Tue	<b>D</b> 12	M Apr	<b>Time</b> 00:00	2	To Wed	<b>D</b> 13	M Apr	<b>Time</b> 00:00
Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
Thu	14	Apr	00:00	-	Fri	15	Apr	00:00
Fri	15	Apr	00:00	-	Sat	16	Apr	00:00
Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
Tue	19	Apr	00:00	-	Wed	20	Apr	00:00

# **Minor Ancillary Facility Checklist**

### 1. Criteria for Minor Ancillary Facilities

The Project's Conditions of Approval (CoA) allows for the establishment and operation of Minor Ancillary Facilities on the Narrabri to North Star (N2NS) Project. Condition A21 states:

CoA A21 Facilities including lunch sheds, office sheds, material lay down sites, stockpile areas, areas used to assemble infrastructure, and portable toilet facilities can be established and operated where they satisfy the following criteria:

- (a) are located within the construction boundary; and
- (b) have been assessed by the ER to have
  - *i.* low amenity impacts to surrounding residences and businesses, after consideration of matters such as compliance with the interim Construction Noise Guideline (DECC, 2009), traffic and access impacts, dust and odour impacts and visual (including light) impacts, and
  - ii. Low environmental impact with respect to waste management and flooding, and
  - iii. No impacts on biodiversity, soil and water and heritage items beyond those already approved under the other terms of this approval.

This Minor Ancillary Facility Checklist has been prepared to assess the proposed Minor Ancillary Facility against the requirements of CoA A21 and all other environmental requirements. Mitigation measures have also been provided to ensure that any environmental risks or impacts to the Community are suitably managed.

These facilities will be located in accordance with the criteria listed in Table 2 and submitted to the Project's Environmental Representative (ER) for approval prior to site works commencing.

Site Name:	Minor Ancillary Facility (Woolabrar Caravan)			
Location:	Chainage 617.500 (Bellata, NSW)			
Chainage:	CH617.500 – CH617.65			
Program*:	Construction: March 2022 Occupation: March 2022 – March 2023			
Land Use:	RU1 – Primary Production (Source: Narrabri Shire Council LEP)			
Footprint / Size:	<6,200m <sup>2</sup>			
Use:	<ul> <li>Minor Ancillary Facility (Woolabrar Caravan) will be utilised for the following purposes:</li> <li>Trailer based (mobile) site office, port-o-loo, and generator.</li> <li>Carparking for site personnel.</li> <li>General storage and laydown of construction equipment.</li> </ul>			
Site Surroundings:	<ul> <li>Minor Ancillary Facility (Woolabrar Caravan) is surrounded by:</li> <li>North: Rail line, sparsely vegetated land, private storage dam, and ephemeral waterway.</li> <li>East: Newell Highway, agricultural (cropping) land, and sparsely vegetated land.</li> <li>South: LX550, rail line, and sparsely vegetated land.</li> <li>West: Rail Line, sparsely vegetated land, and agricultural (cropping) land.</li> <li>Access to Minor Ancillary Facility (Woolabrar Caravan) will be provided via LX 550 at CH617.5</li> <li>Entry/Exit will be operated as per Vehicle Movement Plan in Appendix D, facilitated under TfNSW Road Occupancy Licence, detailed in Appendix E.</li> </ul>			

### Table 1: Minor Ancillary Facility – Site Description

\*NOTE: Subject to weather and unexpected site conditions

Criteria	Compliant (Y) Yes (N) No	Comments
Located within the construction boundary as defined by the approval (CoA A21(a)).	Y	Minor Ancillary Facility (Woolabrar Caravan) is located on land that occurs within the Project's Submission Preferred Infrastructure Report (SPIR), Construction Impact Zone (CIZ) and the CIZ – Construction WIP (20210909).
Compliance with the Interim Construction	Y	Refer to Appendix A for the location. One sensitive (residential) receiver was identified within 1km of the proposed MAF (Woolabrar Caravan) site.
Noise Guideline (CoA		- 234.26m NNS_Rx0841
A21(b)(i)		The TfNSW Noise Estimator Tool was used to predict the anticipated noise impact associated with the establishment of the proposed MAF (Woolabrar Caravan). One (1) noise scenario was run representing worse possible case scenario (i.e. the most noise intensive activity – site establishment) NOTE: The noise assessment assumes all plant / equipment will be operating simultaneously and operating at the nearest boundary to the landholder. The scenario being:
		Scenario 1: MAF Site Establishment (i.e. grader, delivery truck and tracked excavator)
		The extracts from the noise model are provided in Appendix C.
		The findings of the noise assessment can be summarised by the following:
		<ul> <li>Sensitive receivers are located at the following locations:         <ul> <li>CH617.8 (NN3_Rx0841), located 234.26m North-West of the proposed MAF. This sensitive receiver is expected to experience noise impacts of 53dB, which is 13dB higher than the daytime NML for the Project. Refer to Appendix C.</li> </ul> </li> </ul>
		The noise assessment also identified that no sensitive receivers will be highly noise impacted (>75dB) by the works.

### Table 2: Minor Ancillary Facility - Criteria

Criteria	Compliant (Y) Yes (N) No	Comments		
		Prior to site establishment works commencing, all potentially impacted landholder/s will be consulted regarding potential noise impacts associated with the establishment and operation of MAF (Woolabrar Caravan).		
At least 50m from watercourses and outside the 5% AEP flood zone (CoA	Y	The proposed MAF (Woolabrar Caravan) is located approximately 407m South of an unnamed ephemeral creek, 444m South-East of a private storage dam, and approximately 395m South of a private storage dam.		
A21(b)(ii))		The proposed MAF (Woolabrar Caravan) site is outside the area impacted by the existing 5% AEP local (blue highlighted in Appendix A).		
Not within areas identified as threatened	Y	Approximately 1,720m (~28%) of the proposed MAF (Woolabrar Caravan) site is mapped as:		
communities or species habitats beyond those already approved under the terms of the project		<ul> <li>Zone - 4 - PCT-52 BVT-BR191, NA187-Queensland Bluegrass +/- Mitchell Grass grassland on cracking clay floodplains and alluvial plains mainly the northern-eastern Darling Riverine Plains Bioregion- Native Grassland</li> </ul>		
approval (CoA A21(b)(iii)		Approximately 2,150m (~35%) of the proposed MAF (Woolabrar Caravan) site is mapped as:		
		<ul> <li>Zone - 5 - PCT-56 BVT-BR186, NA182-Poplar Box - Belah woodland on clay-loam soils on alluvial plains of north-central NSW</li> </ul>		
		And approximately 2,330m (~37%) of the proposed MAF (Woolabrar Caravan) site is mapped as:		
		<ul> <li>Zone - 6 - PCT-56 BVT-BR186, NA182-Poplar Box - Belah woodland on clay-loam soils on alluvial plains of north-central NSW- Derived Native Grasslands</li> </ul>		
		No mapped native vegetation (PCTs), Threatened Ecological Communities (NSW BC Act OR Cwth EPBC Act) or Threatened Flora will be directly impacted by the establishment and operation of the MAF.		
		The proposed MAF occurs within predicted habitat of the threatened Five- clawed Worm Skink. The mitigation measures detailed by DPIE & ARTC will be implemented prior to and during site slashing and topsoil stripping activities.		
No significant impacts to utilities, primarily gas and electricity	Y	The establishment and operation of MAF (Woolabrar Caravan) will not result in significant impacts to existing gas, electrical, water or communications utilities.		
Not on or near sites with known Aboriginal or non-Aboriginal heritage	Y	No areas or items of Aboriginal or non-Aboriginal significance have been identified within the area impacted by the proposed MAF (Woolabrar Caravan) site.		
(CoA A21(b)(iii)		The Aboriginal Cultural Heritage Management Plan, Narrabri to North Star – Separable Portion 1 (N2NS SP1), dated 18th December 2020 has been reviewed and there are no areas or items that require further salvage or survey.		
Safe access to the road network and rail corridor	Y	Safe access to Minor Ancillary Facility (Woolabrar Caravan) will be provided via LX 550 at CH617.5		
and low impacts on traffic and access (CoA A21(b)(i)		Entry/Exit will be operated as per Vehicle Movement Plan in Appendix D, facilitated under TfNSW Road Occupancy Licence, detailed in Appendix E.		
Relatively flat land	Y	Minor Ancillary Facility (Woolabrar Caravan) is located on relatively flat land with <1m fall across the site.		

Criteria	Compliant (Y) Yes (N) No	Comments
Low environmental impact with respect to waste management and flooding (CoA A21(b)(ii)	Υ	<ul> <li>The establishment and operation of the proposed MAF (Woolabrar Caravan) will generate minor waste volumes. These waste streams will generally consist of the following: <ul> <li>Wastewater</li> <li>Wastepaper / cardboard</li> <li>Rubbish and debris</li> <li>Food waste</li> </ul> </li> <li>The volumes of waste generated will be reduced and reuse will be maximised by implementing the mitigation measures detailed in Section 2 below.</li> <li>Flooding risk has been addressed above.</li> </ul>
No impacts on biodiversity, soil and water, and heritage items beyond those already approved under SSI 7474 approval (CoA A21(b)(iii)	Y	The environmental impacts associated with the establishment and operation of Minor Ancillary Facility (Woolabrar Caravan) are considered minor and consistent with those impacts approved under SSI 7474.
Boundary screening around all facilities adjacent to and visible from sensitive receivers for the duration of use of the ancillary facility unless otherwise agreed with the relevant council and affected residents, business operators or landowners (COA A22)	Y	Minor Ancillary Facility (Woolabrar Caravan) will be assessed for visual impact from any surrounding sensitive receivers. Screening will be applied where the MAF site represents a moderate to high visual impact.

A locational map, environmental constraints and co-ordinates have been provided in Appendix A and B.

## 2. Mitigation Measures

Based on the site details and environmental constraints identified in Table 1 and Table 2 above, the key environmental risks associated with the establishment and operation of the Minor Ancillary Facility (Woolabrar Caravan) include:

- Disturbance of predicted Five-clawed Worm-skink habitat during site establishment.
- Dust and associated impacts to air quality resulting from access and use.
- Mud/Spoil tracked onto local roads or Newell HWY.

With the implementation of the mitigation measures detailed in Table 3 below, these impacts are considered to be minor and consistent with those impacts assessed and approved under CSSI 7474.

Table 3: Minor Ancillary Facility – Mitigation Measures

	Measure/Requirement	Responsibility	Timing/ frequency	
1)	<ul> <li>The Project induction will include the following specific components for biodiversity, noise, dust, surface water, erosion &amp; sediment control management: <ul> <li>Awareness of General Environmental Duty and Duty to Notify, (legislative obligations)</li> <li>The requirement for erosion and sediment control devices to be implemented and maintained in accordance with the Erosion &amp; Sediment Control Plan</li> <li>Waste Management</li> <li>The purpose of the No-Go Zones, incl. the significance of this control and the environmental constraints it's protecting i.e. mapped TEC, heritage, threatened species, etc.</li> <li>Hours of operation.</li> <li>General noise related mitigation measures.</li> <li>Five Clawed Worm Skinks, including habitat location and all mitigation measures specified by DPIE &amp; ARTC.</li> </ul> </li> </ul>	Pre- construction		
2)	Progressive Erosion and Sediment Control Plans (PESCPs) will be developed by Trans4m Rail's CPESC and implemented prior to and during site establishment.	Environmental Manager	Pre- construction	
3)	Controls must be in place to prevent tracking dirt and mud onto roads.	Construction Supervisor	Construction	
4)	<ul> <li>Spoil, mud or the like spilt onto sealed roads to be removed within 24hrs or before end of shift (5pm AEDT if Newell HWY is affected) through use of a street sweeper or other means.</li> <li>Controls to minimise mud-tracking onto public roads will generally include rumble grids (i.e. similar to Pad 2), stabilised site access (i.e. rock, gravels, etc) or sheeting of the MAF with clean rock material (i.e. similar to Pad 4).</li> </ul>	Construction Supervisor	Construction	
5)	Mobile plant and vehicles, including deliveries must use designated travel routes, site access routes, site access tracks and lay down areas.	Construction Supervisor	Construction	
6)	Any activities requiring the discharge of construction water off site will be undertaken in accordance with the PESCP and the CSWMP.	All personnel / Environmental Manager	Construction	
7)	Slashing limits (incl. vegetation to be retained) must be clearly identified and physically demarcated on-site. Slashing, clearing or other ground disturbance activities must not occur outside these areas unless otherwise approved in writing by the Environment Manager, or suitable delegate.	Construction Supervisor	Construction	
8)	Groundcover to be re-established as soon as practicable to prevent erosion during construction.	Construction Supervisor	Construction	
9)	In the event that an area or item of heritage significance, threatened species, contaminated material or asbestos containing materials (ACM) are discovered or suspected on-site, then all works affecting the find must cease immediately, the area secured and relevant Trans4m Rail's Unexpected Finds Procedure / Protocol will be implemented. Trans4m Rail's Environmental Manager (or delegate), ARTC and the Project Environmental Representative must be immediately notified of any unexpected finds. Other stakeholders (e.g. NSW	All personnel / Construction Supervisor	Construction	

	Measure/Requirement	Responsibility	Timing/ frequency
	EPA, OEH, DPIE, WaterNSW, Council, local landholders, etc) may also be notified depending on the nature and scale of the unexpected find.		
10)	Any spills or leaks of chemicals, fuels, oils, effluent or any other hazardous substance that occurs during site establishment must be managed and reported in accordance with Trans4m Rail's Environmental Incident Response and Reporting Procedure.	All personnel / Construction Supervisor	Construction
11)	Refuelling activities must always be closely supervised. Plant and equipment being refuelled must not be left unattended for any period of time.	All personnel / Construction Supervisor	Construction
12)	The land on which ancillary facilities, laydowns areas, access tracks and all other temporary works are located shall be rehabilitated to at least their pre-construction condition or better, unless otherwise agreed by the landowner.	Construction Supervisor	Construction
13)	<ul> <li>Weather forecast will be reviewed daily (via http://www.bom.gov.au/) and additional measures implemented where unfavourable weather conditions (i.e. hot, dry weather, high wind speed (&gt;10m/s)) are anticipated. Measures to be implemented during unfavourable weather conditions may include a reduction of speed, a modified construction methodology, alternative plant and equipment, altering the scheduled works or program for the day, additional water carts or ceasing dust generating activities until conditions are more favourable.</li> <li>Dust will be monitored and managed in accordance with the mitigation measures detailed in Project's CSWMP.</li> <li>In addition to this, the following measures will be undertaken;</li> <li>Where practical, the MAF carpark and trafficked areas will be sheeted with clean rock / gravel material.</li> <li>Increased training and surveillance of dust by key Project personnel (i.e. Superintendents, Supervisors, Operators etc).</li> <li>Stockpiling and material handling will be avoided in MAFs adjacent the Newell Hwy.</li> <li>Long term stockpiles (&gt;1 month) will be compacted using an excavator bucket and soil binder applied (where practicable).</li> <li>Where practicable, soil binder will be used on highly trafficked areas.</li> </ul>	Environmental Manager / Construction Supervisor	Construction
14)	The following dust control measures will be utilised to suppress dust being generated from access roads, laydown areas, ancillary facilities and all other exposed surfaces; water application via watercarts and alternative means (i.e. sprinklers, hoses), sealing or stabilisation of highly trafficked areas, dust screens, application of geofabric or jute mat or the application of soil binding agents. The frequency of use will be modified depending on the prevailing wind and weather conditions. <i>If dust impacts the Newell HWY at any stage, all works will cease until causation has been rectified</i> .	Construction Supervisor	Construction
15)	Exhaust systems of construction plant, vehicles and machinery will be maintained in accordance with manufacturer's specifications to ensure that emissions do not exceed EPA regulations. Periodic visual checks will be undertaken daily.	Construction Supervisor	Construction
16)	Waste will be segregated and collected on a regular basis to ensure odours associated with waste do not become an issue to	All personnel	Construction

	Measure/Requirement	Responsibility	Timing/ frequency
	surrounding sensitive receivers. All waste will be collected and disposed of at a licensed facility.		
17)	All works will be undertaken in accordance with the standard construction hours detailed in Condition of Approval E1.	Construction Supervisor	Construction
18)	Notification undertaken prior to and during construction would inform relevant stakeholders of the work locations and timing, and the potential for noise impacts.	Community Engagement Team	Construction
19)	Boundary screening will be erected if a site inspection determines that the MAF could significantly impact sensitive receivers.	Environment Manager / Construction Supervisor	Construction
20)	All personnel would be inducted on the subject of Five-clawed Worm-skinks (FCWS). Targeted FCWS surveys would be undertaken by Project Ecologist and/or Fauna Spotter-Cather team prior to and during slashing, clearing of woody vegetation and topsoil stripping activities within the following chainages, stage 1 chainage 603.000 to 625.000. The surveys would include active searches of microhabitats, including, carefully turning woody debris, rocks and artificial debris, raking the soil surface or leaf litter beneath trees and looking beneath peeling bark for reptiles or their sloughs, searching for animals during topsoil stripping (working closely with the grader operator). Targeted pre-clearing surveys would comprise a minimum of 0.5 person hours per hectare for habitats of average complexity per targeted species (scaled up or down depending on site complexity). Any FCWS captured would have the following data collected: GPS coordinates of capture/relocation site, measurements of snout-vent length, tail length and total length. Relocation site are to be as close to capture site as possible with suitable microhabitat. No more than 10 adults and 5 sub-adults or hatchlings per 100m2 of suitable habitat may be relocated due to risk of overstocking. NOTE: Additional measures will be taken to avoid relocated individuals from re-entering the construction site i.e. sediment fence, etc.	Environmental Manager/ Construction Supervisor	Construction.

# 3. Certification

This Minor Ancillary Facility Checklist provides a true and fair review of the proposed activity for the Inland Rail N2NS upgrade project.

Signed: KHaccore

Name: Kristian Hancock Position: Trans4M Rail Senior Environment Advisor

Date: 28/03/2022

Signed:

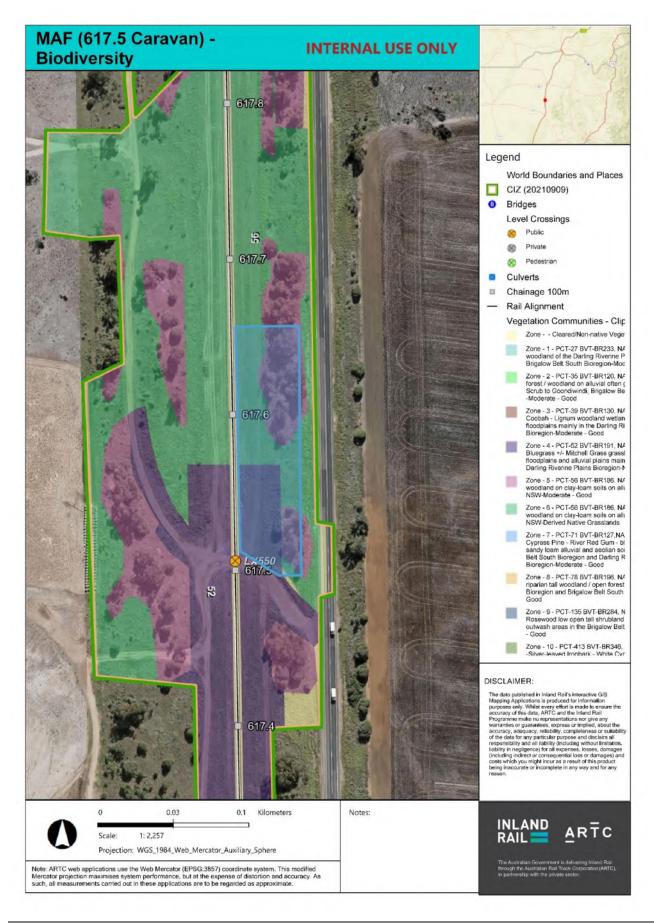
Name: Steve Fermio

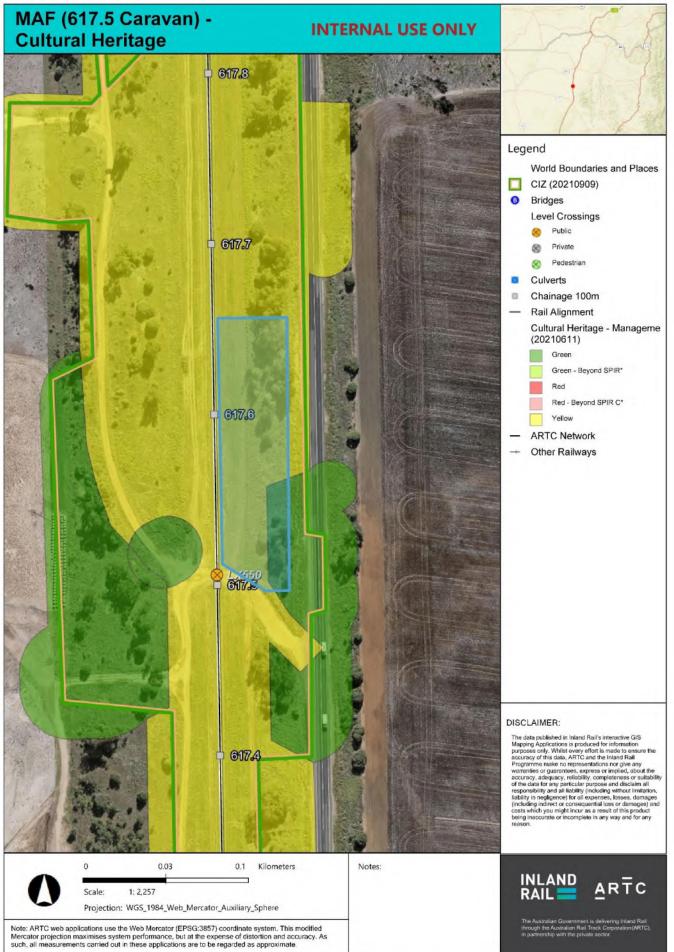
Position: Environmental Representative

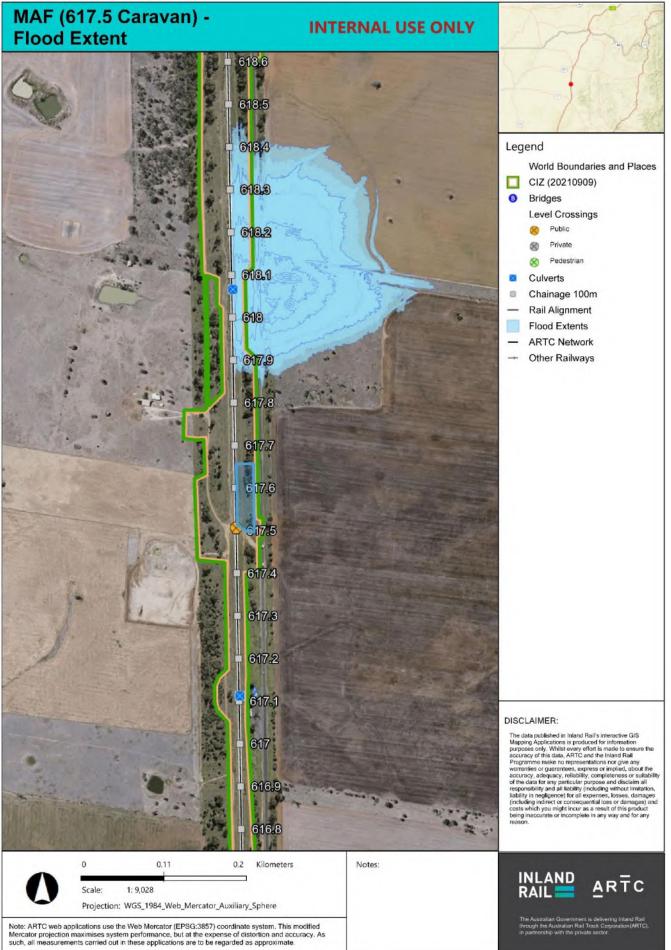
Date: 29 / 3/2022

Note: This MAF approval does not constitute in any way an authorisation of the traffic control and entry / exit arrangements for light and heavy vehicles at this site. These are subject to separate approval by, and the requirements of, TfNSW (or Local Council) through the relevant Road Occupancy Licence/s, Speed Zone Authorisation/s, Traffic Management Plan or any other TfNSW or Local Council regulatory requirements.

# Appendix A: Site Location (incl. Environmentally Sensitive Areas)







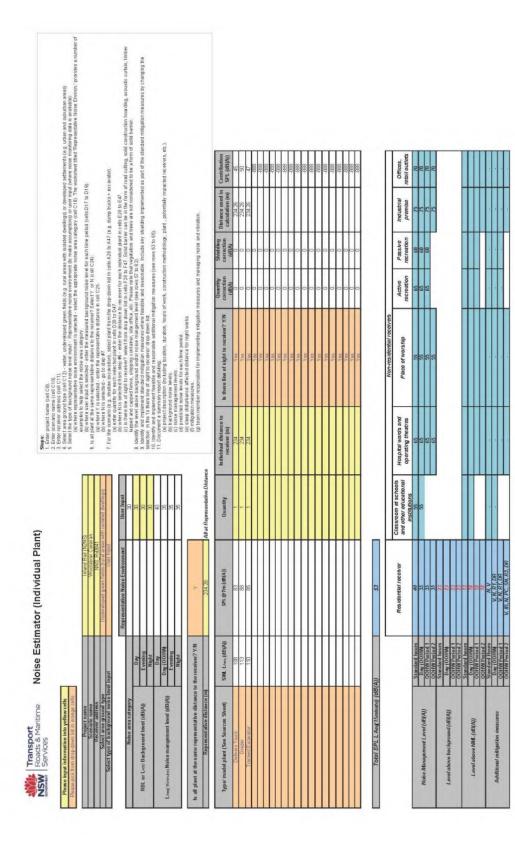




Note: ARTC web applications use the Web Mercator (EPSG:3857) coordinate system. This modified Mercator projection maximises system performance, but at the expense of distortion and accuracy. As such, all measurements carried out in these applications are to be regarded as approximate.

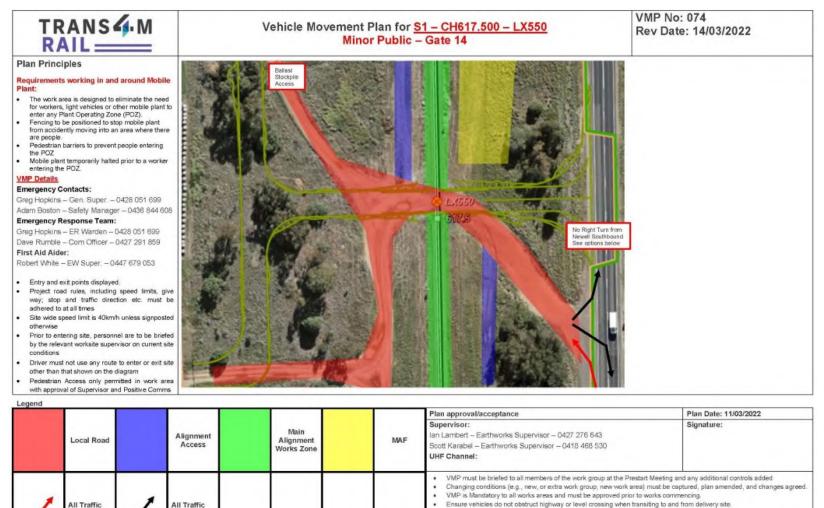
# **Appendix B: Site Location (Co-ordinates)**

Co-ordin	Co-ordinates				
Lat: 29.8991° S           Lon: 149.79013 ° E					
2	Lat: 29.89911° S Lon: 149.79055° E				
3	Lat: 29.90054° S Lon: 149.79057° E				
4	Lat: 29.90040° S Lon: 149.79016° E				



# **Appendix C: Noise Estimator**

# **Appendix D: Vehicle Movement Plan**



IN

OUT

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· Pedestrian Access will be finalised on site.

Page 1

#### Minor Ancillary Facility Checklist - (Woolabrar Caravan)



All Traffic

IN

All Traffic

OUT

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· Pedestrian Access will be finalised on site.

VMP must be briefed to all members of the work group at the Prestart Meeting and any additional controls added
 Changing conditions (e.g., new, or extra work group, new work area) must be captured, plan amended, and changes agreed.

VMP is Mandatory to all works areas and must be approved prior to works commencing.

Ensure vehicles do not obstruct highway or level crossing when transiting to and from delivery site.

Page 2

#### Minor Ancillary Facility Checklist - (Woolabrar Caravan)

VMP No: 074



#### **Plan Principles**

#### Requirements working in and aroun Plant:

- · The work area is designed to eliminat for workers, light vehicles or other mo enter any Plant Operating Zone (POZ
- Fencing to be positioned to stop mobi from accidently moving into an area v are people.
- · Pedestrian barriers to prevent people the POZ
- . Mobile plant temporarily halted prior entering the POZ.

VMP Details

#### Emergency Contacts:

Greg Hopkins - Gen. Super. - 0428 ( Adam Boston - Safety Manager - 043

#### **Emergency Response Team:**

Greg Hopkins - ER Warden - 0428 0 Dave Rumble - Com Officer - 0427 First Aid Aider:

Robert White - EW Super. - 0447 67

- · Entry and exit points displayed.
- · Project road rules, including speer way; stop and traffic direction et adhered to at all times
- Site wide speed limit is 40km/h unles otherwise
- · Prior to entering site, personnel are by the relevant worksite supervisor or conditions
- Driver must not use any route to ent other than that shown on the diagram
- · Pedestrian Access only permitted with approval of Supervisor and Pos

Legend

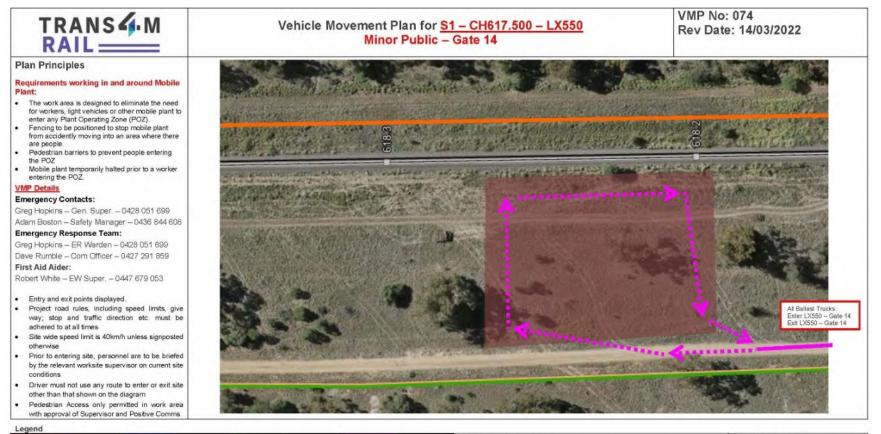
• M	Vehicle Movement Plan for <u>S1 – CH617.500 – LX550</u> Minor Public – Gate 14	Rev Date: 14/03/2022
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in work area		
	Plan approval/acceptance	Plan Date: 11/03/2022
	Supervisor:	Signature:

Materials Laydown	Crib Facilities	LV Carpark	HV Carpark	Plan approval/acceptance Supervisor: Ian Lambert – Earthworks Supervisor – 0427 276 643 Scott Karabel – Earthworks Supervisor – 0418 468 530	Signature:
Lime Storage	Ballast	Delineation Pedestrian Access	Mixed Access LV Access HV Access Solid 2-Way Dash 1-Way	UHF Channel:  VMP must be briefed to all members of the work group at the Prestart. Changing conditions (e.g., new, or extra work group, new work area) n VMP is Mandatory to all works areas and must be approved prior to w Ensure vehicles do not obstruct highway or level crossing when transit Pedestrian Access will be finalised on site.	nust be captured, plan amended, and changes agreed. orks commencing.

Revision No: 0

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#### Minor Ancillary Facility Checklist - (Woolabrar Caravan)



Materia Laydow		Crib Facilities	LV Carpark	HV Carpark	Plan approval/acceptance Supervisor: Ian Lambert – Earthworks Supervisor – 0427 276 643 Scott Karabel – Earthworks Supervisor – 0418 468 530 UHF Channel:	Plan Date: 11/03/2022 Signature:
Lime Storage	В	allast	Delineation Pedestrian Access	Mixed Access LV Access HV Access Solid 2-Way Dash 1-Way	VMP must be briefed to all members of the work group at the Prestart Meeting al Changing conditions (e.g., new, or extra work group, new work area) must be ca VMP is Mandatory to all works areas and must be approved prior to works comm Ensure vehicles do not obstruct highway or level crossing when transiting to and Pedestrian Access will be finalised on site.	ptured, plan amended, and changes agreed. encing.

Revision No: 0

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# Appendix E: Road Occupancy Licence (ROL)

### ROAD OCCUPANCY LICENCE

LICENCE NO : 556329

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM



To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

Project: This Activity :	- NEW CONSTRUCTION Not Applicable In Land Rail, Narrabri to North Star, Newell	LOCATIC Subject Re					ARRA	BRI			
The Floating .	Highway Section from Narrabri to Gurley.	To: Council:	WEE WAA RD, NARRABRI KANIMBLA RD, GURLEY NARRABRI								
	Work Description: Survey, Vegetation maintenance Light Vehicle Movements, Minor Heavy Vehicle Movements <20										
LICENSEE		ONSITE	CONT	ACT							
Organisation:	Trans4m Rail Joint Venture	Name:			ke McG	Soldrick					
Ref No:		Phone:			137775						
Name: Luke McGoldrick											
hone: 0413777563											
RAFFIC MANAG	SEMENT	LICENCE	E DUR/	ATION	N						
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	Portable Signals; Short Term / Intermittent Works;	To:		20-	Apr-20	22					
	Stop / Slow Control										
Closure Type:	All lanes both directions										
Closure Lane(s): Shoulder; Median Shoulder											
Direction(s):	All Directions										
LICENCE COND	TIONS		APPR	OVE	DDAT	ES&T	IMES	3			
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<ol> <li>THIS LICENCE GUIDANCE SC THAT TRAFFIC</li> <li>ALL MATTERS ENVIRONMENN OF THE LOCAI AUTHORITY.</li> <li>SHOULD THE EXCAVATION ( AND GUTTER, FOR GREATEF greatersydneyr, METROPOLITA</li> <li>NOTIFICATION STAKEHOLDE PRIOR TO WO</li> <li>ADEQUATE AD APPROACHING</li> <li>EFFECTIVE MM IMPLEMENTED LICENCE OCC TRAFFIC QUEI</li> <li>THE 40SZA IS MEASURES H/ PROGRESS. 4/ LENGTH.</li> <li>ANY STOPPAC</li> </ol>	ARIABLE MESSAGE SIGNS DIAL 1800 679 782) IS NOT AN APPROVAL OF THE PROPONENT'S T HEMES (TGS). PLEASE NOTE WORKCOVER REC : GUIDANCE SCHEMES (TGS) COMPLY WITH AS RELATING TO NOISE GENERATION OR OTHER TAL FACTORS ON SITE ARE UNDER THE JURISI . COUNCIL AND/OR THE ENVIRONMENTAL PRO PROPOSED WORKS INVOLVE UNDERBORING O DE TATE ROAD ASSETS OR THE REMOVAL OF DETAILS OF WORKS MUST BE APPROVED BY T & SYDNEY REGION CONTACT: Dads@transport.nsw.gov.au. FOR REGIONAL & OU N. CONTACT: road.access@transport.nsw.gov.au. TO AFFECTED BUSINESSES, RESIDENTS AND RS MUST BE UNDERTAKEN AT LEAST 5 BUSINE RKS COMMENCING VANCE WARNING MUST BE PROVIDED TO 3 MOTORISTS. DNITORING OF END-OF-QUEUE CONDITION MUS ). IF QUEUING CONTARY TO CONDITIONS OF URS, THEN THE ROAD MUST BE RE-OPENED AN JE MUST BE CLEARED. TO BE USED ONLY WHEN TRAFFIC CONTROL AVE BEEN IMPLEMENTED AND ROAD WORKS AND	QUIRES 1742.3 DICTION TECTION R KERB FNSW. TER OTHER SS DAYS ST BE THIS ND RE IN S IN IN THIS	Tue Wed Thu Fri Sat Sun Tue Wed Thu Fri Sat Wed Thu Fri Sat	23 24 25 26 27 28 29 30 31 01 02 03 04 05 06 07 08 09	Mar Mar Mar Mar Mar Mar Mar Apr Apr Apr Apr Apr Apr Apr Apr Apr Ap	00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00		Thu Fri Sat Sun Tue Wed Thu Fri Sat Sun Tue Wed Thu Fri Sat Sun Mon	24 25 26 27 28 29 30 31 01 02 03 04 05 06 07 08 09 10	Mar Mar Mar Mar Mar Mar Apr Apr Apr Apr Apr Apr Apr Apr Apr Ap	0:00 0:00 0:00 0:00 0:00 0:00 0:00 0:0
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<ol> <li>2 THIS LICENCE GUIDANCE SC THAT TRAFFIC</li> <li>3 ALL MATTERS ENVIRONMEN OF THE LOCAI AUTHORITY.</li> <li>4 SHOULD THE EXCAVATION ( AND GUTTER, FOR GREATEF greatersydneyr), METROPOLITA</li> <li>5 NOTIFICATION STAKEHOLDE PRIOR TO WO</li> <li>6 ADEQUATE AL APPROACHING</li> <li>7 EFFECTIVE MM IMPLEMENTED LICENCE OCC TRAFFIC QUEI</li> <li>8 THE 40SZA IS MEASURES H/ PROGRESS. 4 LENGTH.</li> <li>9 ANY STOPPAC LICENCE MUS 500 METRESI</li> </ol>	ARIABLE MESSAGE SIGNS DIAL 1800 679 782) IS NOT AN APPROVAL OF THE PROPONENT'S T HEMES (TGS), PLASE NOTE WORKCOVER REF GUIDANCE SCHEMES (TGS) COMPLY WITH AS RELATING TO NOISE GENERATION OR OTHER TAL FACTORS ON SITE ARE UNDER THE JURISE . COUNCIL AND/OR THE ENVIRONMENTAL PRO' PROPOSED WORKS INVOLVE UNDERBORING O DF STATE ROAD ASSETS OR THE REMOVAL OF DETAILS OF WORKS MUST BE APPROVED BY T SYDNEY REGION CONTACT: DATAGE TROAD ASSETS OR THE REMOVAL OF DETAILS OF WORKS MUST BE APPROVED BY T SYDNEY REGION CONTACT: DATAGE TO A CONTACT: NOTACT: road.access@transport.nsw.gov.au. ITO AFFECTED BUSINESSES, RESIDENTS AND RS MUST BE UNDERTAKEN AT LEAST 5 BUSINE RKS COMMENCING VANCE WARNING MUST BE PROVIDED TO 3 MOTORISTS. DNITORING OF END-OF-QUEUE CONDITION MUS D. IF QUEUING CONTRARY TO CONDITIONS OF URS, THEN THE ROAD MUST BE RE-OPENED AND JE MUST BE CLEARED. TO BE USED ONLY WHEN TRAFFIC CONTROL AVE BEEN IMPLEMENTED AND ROAD WORKS AND SOM HAT SHOULD NOT EXCEED 500 METRE DESS OF TRAFFIC RESULTING FROM ACTIVITIES T NOT EXCEED 5 MINUTES PER INSTANCE ORE	QUIRES 1742.3 DICTION TECTION R KERB FNSW. TER OTHER SS DAYS ST BE THIS ND RE IN S IN IN THIS EXCEED ARED	Tue Wed Thu Fri Sat Sun Tue Wed Thu Fri Sat Sun Tue Wed Thu Fri Sat Sun Tue	23 24 25 26 27 28 29 30 31 01 02 03 04 05 06 07 08 09 10 11 12	Mar Mar Mar Mar Mar Mar Mar Mar Apr Apr Apr Apr Apr Apr Apr Apr Apr Ap	00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00 00:00		Thu Fri Sat Sun Tue Wed Thu Fri Sat Sun Tue Wed Sun Tue Wed	24 25 26 27 28 29 30 31 01 02 03 04 05 06 07 08 09 10 11 12 13	Mar Mar Mar Mar Mar Mar Apr Apr Apr Apr Apr Apr Apr Apr Apr Ap	2:00 2:00 2:00 2:00 2:00 2:00 2:00 2:00

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NSW

Transport Roads & Maritime Services

# ROAD OCCUPANCY LICENCE

### LICENCE NO : 556329

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit. myrol.transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMENT	- NEW CONSTRUCTION	LOCATI	ON								
Project:	Not Applicable	Subject F	load:	NE	WELL	HWY					
This Activity :	In Land Rail. Narrabri to North Star. Newell	From:		W	EE WA	A RD, NA	ARRA	ABRI			
	Highway Section from Narrabri to Gurley.	To:		KA	NIMBL	ARD, G	URL	EY			
		Council:		NA	RRAB	RI					
	Work Description: Survey, Vegetation maintenance										
	Light Vehicle Movements, Minor Heavy Vehicle										
	Movements <20										
LICENSEE		ONSITE	CONT	ACT		2.22.2					
Organisation:	Trans4m Rail Joint Venture	Name:		Lu	ke McC	Goldrick					
Ref No:		Phone:		04	137778	563					
Name:	Luke McGoldrick										
Phone:	0413777563										
TRAFFIC MANAG	GEMENT	LICENC	EDUR	ATIO	N						
Flow Management	Contra Flow; Standard Lane Merge; Mobile Works;	From:		21	-Mar-2	022					
	Portable Signals; Short Term / Intermittent Works;	To:		20	-Apr-20	022					
	Stop / Slow Control										
Closure Type:	All lanes both directions										
Closure Lane(s):	Shoulder; Median Shoulder										
Direction(s):	All Directions										
LICENCE COND	ITIONS		APPR	ROVE	D DA1	ES&T	IME	5			
	RAFFIC SIGNALS MUST BE IN ACCORDANCE WIT			From	n Shift				То	Shift	
	STANDARDS AND APPROVED FOR USE BY TFNS N OF PORTABLE TRAFFIC SIGNALS MUST COMP		From	D	м	Time	-	То	D	м	Time
THE TRAFFIC	CONTROL AT WORKSITES MANUAL. TRAFFIC Q		Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
	NITORED AND MANAGED.		Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
11 LANE WIDTHS HEAVY VEHIC	MUST BE SUFFICIENT TO PERMIT CLEAR ACCE	SS FOR	Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
12 MOBILE WORI 1742.3 AND TF MOBILE WORI ROL APPROV	UAL.	Tue	19	Apr	00:00	-	Wed	20	Apr	00:00	

Transport

Services

**Roads & Maritime** 

# SPEED ZONE AUTHORISATION

### LIC/SZA NO: 556329/001

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVEL	OPME	NT - NE	EW CON	STRU	JCTION				SPEED LIMIT	REDUCTION
Project:		No	t Applicab	le					Existing:	110 Km/h
This Acti	ivity :	In	In Land Rail. Narrabri to North Star. Newell Highway					Highway	Reduced To :	80 Km/h
		Se	ction from	Narra	bri to Gur	ley.				
		Wo	ork Descri	ption:	Survey, V	egetatio	on maint	enance,		
		Lig	ht Vehicle	Move	ments, M	inor He	avy Veh	nicle		
		Mc	ovements ·	<20						
periods.	The O	rganisati	ion is to m	aintai	n accurate	record	is of whe	en the sp	beed limit signs w	to be covered or removed outside the approved time ere installed and removed, including the location of the letion of each of the approved time periods as detailed
LOCAT	ION								TRAFFIC MAN	JAGEMENT
Subject I		NE	WELL HV	WY					Distance(m):	2000
From:			EE WAA R		RRABRI				Direction:	All Directions
To:			NIMBLA F							
Council:										
LICENS	SEE								ONSITE CON	TACT
Organisa		Tra	ans4m Rai	il Joint	Venture				Name:	Luke McGoldrick
Ref No:									Phone:	0413777563
Name:		Lu	ke McGold	drick						
Phone:		04	13777563							
APPRO	OVED	DATES	& TIMES	s						
	From	n Shift				То	Shift			
From	D	м	Time	-	То	D	м	Time		
Mon	21	Mar	00:00	-	Tue	19	Apr	00:00		
Tue	22	Mar	00:00	-	Wed	23	Mar	00:00		
Wed	23	Mar	00:00	-	Thu	24	Mar	00:00		
Thu	24	Mar	00:00	-	Fri	25	Mar	00:00		
Fri	25	Mar	00:00	-	Sat	26	Mar	00:00		
Sat	26	Mar	00:00	-	Sun	27 28	Mar	00:00		
Sun Mon	27 28	Mar Mar	00:00	-	Mon Tue	28 29	Mar Mar	00:00		
Tue	28	Mar	00:00	-	Wed	29 30	Mar	00:00		
Wed	30	Mar	00:00	-	Thu	31	Mar	00:00		
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00		
Fri	01		00:00	-	Sat	02		00:00		
Sat	01	Apr Apr	00:00	-	Sun	02	Apr	00:00		
Sun	02		00:00	-	Mon	03	Apr	00:00		
Sun	03	Apr	00.00	-	won	04	Apr	00:00		

All pages of this Speed Zone Authorisation(s) must be available on site at all times and must be produced for inspection when requested by representatives of NSW Police, Roads & Maritimes Services, Transport for NSW and other Government Agencies.

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Mon

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Transport Roads & Maritime

Services

## SPEED ZONE AUTHORISATION

LIC/SZA NO: 556329/001

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMEN	IT - NEW CONSTRUCTION	SPEED LIMIT I	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highwa	Reduced To :	80 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

	Distance(m): 2000	
NARRABRI Di	Direction: All Directions	
GURLEY		
	GURLEY	

LICENSEE		ONSITE CONTACT				
Trans4m Rail Joint Venture	Name:	Luke McGoldrick				
	Phone:	0413777563				
Luke McGoldrick						
0413777563						
	Luke McGoldrick	Trans4m Rail Joint Venture Name: Phone: Luke McGoldrick	Trans4m Rail Joint Venture Name: Luke McGoldrick Phone: 0413777563 Luke McGoldrick			

APPRC	VEDI	DATES	& TIMES	5				
	From	n Shift				То	Shift	
From Tue	D 12	M Apr	<b>Time</b> 00:00	2	To Wed	D 13	M Apr	<b>Time</b> 00:00
Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
Thu	14	Apr	00:00	-	Fri	15	Apr	00:00
Fri	15	Apr	00:00	-	Sat	16	Apr	00:00
Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
Tue	19	Apr	00:00	-	Wed	20	Apr	00:00

ADDON/ED DATED A TUMES

Transport Roads & Maritime

Services

## SPEED ZONE AUTHORISATION

LIC/SZA NO : 556329/002

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMEN	IT - NEW CONSTRUCTION	SPEED LIMIT	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell	Highway Reduced To :	60 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LOCATION		TRAFFIC MANAGEMENT				
Subject Road:	NEWELL HWY	Distance(m):	2000			
From:	WEE WAA RD, NARRABRI	Direction:	All Directions			
To:	KANIMBLA RD, GURLEY					
Council:						

LICENSEE		ONSITE CONTACT				
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick			
Ref No:		Phone:	0413777563			
Name:	Luke McGoldrick					
Phone:	0413777563					

APPRC	VED	DATES	& TIMES	5				
	From	h Shift				То	Shift	
From	D	м	Time	-	То	D	м	Time
Mon	21	Mar	00:00	-	Tue	19	Apr	00:00
Tue	22	Mar	00:00	-	Wed	23	Mar	00:00
Wed	23	Mar	00:00	-	Thu	24	Mar	00:00
Thu	24	Mar	00:00	-	Fri	25	Mar	00:00
Fri	25	Mar	00:00	-	Sat	26	Mar	00:00
Sat	26	Mar	00:00	-	Sun	27	Mar	00:00
Sun	27	Mar	00:00	-	Mon	28	Mar	00:00
Mon	28	Mar	00:00	-	Tue	29	Mar	00:00
Tue	29	Mar	00:00	-	Wed	30	Mar	00:00
Wed	30	Mar	00:00	-	Thu	31	Mar	00:00
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00
Fri	01	Apr	00:00	-	Sat	02	Apr	00:00
Sat	02	Apr	00:00	-	Sun	03	Apr	00:00
Sun	03	Apr	00:00	-	Mon	04	Apr	00:00
Mon	04	Apr	00:00	-	Tue	05	Apr	00:00
Tue	05	Apr	00:00	-	Wed	06	Apr	00:00
Wed	06	Apr	00:00	-	Thu	07	Apr	00:00
Thu	07	Apr	00:00	-	Fri	08	Apr	00:00
Fri	08	Apr	00:00	-	Sat	09	Apr	00:00
Sat	09	Apr	00:00	-	Sun	10	Apr	00:00
Sun	10	Apr	00:00	-	Mon	11	Apr	00:00
Mon	11	Apr	00:00	-	Tue	12	Apr	00:00

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## SPEED ZONE AUTHORISATION

NSW

Transport Roads & Maritime Services

## LIC/SZA NO: 556329/002

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMEN	IT - NEW CONSTRUCTION	SPEED LIMIT I	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highway	Reduced To :	60 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LOCATION		TRAFFIC MANAGEMENT				
Subject Road:	NEWELL HWY	Distance(m):	2000			
From:	WEE WAA RD, NARRABRI	Direction:	All Directions			
To:	KANIMBLA RD, GURLEY					
Council:						

LICENSEE		ONSITE CONTACT				
		ONSITE CONTACT				
Organisation:	Trans4m Rail Joint Venture	Name:	Luke McGoldrick			
Ref No:		Phone:	0413777563			
Name:	Luke McGoldrick					
Phone:	0413777563					

APPRC	DVED I	DATES	& TIMES	5				
From Shift				To Shift				
From Tue	D 12	M Apr	<b>Time</b> 00:00	2	To Wed	D 13	M Apr	<b>Time</b> 00:00
Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
Thu	14	Apr	00:00	-	Fri	15	Apr	00:00
Fri	15	Apr	00:00	-	Sat	16	Apr	00:00
Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
Tue	19	Apr	00:00	-	Wed	20	Apr	00:00

ADDON/ED DATED A TUMES

Transport Roads & Maritime

Services

## SPEED ZONE AUTHORISATION

LIC/SZA NO: 556329/003

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

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DEVELOPMEN	IT - NEW CONSTRUCTION	SPEED LIMIT I	REDUCTION
Project:	Not Applicable	Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highwa	y Reduced To :	40 Km/h
	Section from Narrabri to Gurley.		

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

LOCATION		TRAFFIC MANAGEMENT			
Subject Road:	NEWELL HWY	Distance(m):	500		
From:	WEE WAA RD, NARRABRI	Direction:	All Directions		
To:	KANIMBLA RD, GURLEY				
Council:					
Council:					

LICENSEE		NTACT	
Trans4m Bail Joint Venture			
rians4m Rai Joint Venture	Name.	Luke McGoldrick	
	Phone:	0413777563	
Luke McGoldrick			
0413777563			
		Trans4m Rail Joint Venture Name: Phone: Luke McGoldrick	Phone: 0413777563 Luke McGoldrick

APPRC	<b>VED</b>	DATES	& TIMES	5					
From Shift					To Shift				
From	D	м	Time	-	То	D	м	Time	
Mon	21	Mar	00:00	-	Tue	19	Apr	00:00	
Tue	22	Mar	00:00	-	Wed	23	Mar	00:00	
Wed	23	Mar	00:00	-	Thu	24	Mar	00:00	
Thu	24	Mar	00:00	-	Fri	25	Mar	00:00	
Fri	25	Mar	00:00	-	Sat	26	Mar	00:00	
Sat	26	Mar	00:00	-	Sun	27	Mar	00:00	
Sun	27	Mar	00:00	-	Mon	28	Mar	00:00	
Mon	28	Mar	00:00	-	Tue	29	Mar	00:00	
Tue	29	Mar	00:00	-	Wed	30	Mar	00:00	
Wed	30	Mar	00:00	-	Thu	31	Mar	00:00	
Thu	31	Mar	00:00	-	Fri	01	Apr	00:00	
Fri	01	Apr	00:00	-	Sat	02	Apr	00:00	
Sat	02	Apr	00:00	-	Sun	03	Apr	00:00	
Sun	03	Apr	00:00	-	Mon	04	Apr	00:00	
Mon	04	Apr	00:00	-	Tue	05	Apr	00:00	
Tue	05	Apr	00:00	-	Wed	06	Apr	00:00	
Wed	06	Apr	00:00	-	Thu	07	Apr	00:00	
Thu	07	Apr	00:00	-	Fri	08	Apr	00:00	
Fri	08	Apr	00:00	-	Sat	09	Apr	00:00	
Sat	09	Apr	00:00	-	Sun	10	Apr	00:00	
Sun	10	Apr	00:00	-	Mon	11	Apr	00:00	
Mon	11	Apr	00:00	-	Tue	12	Apr	00:00	

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Transport Roads & Maritime

Services

## SPEED ZONE AUTHORISATION

LIC/SZA NO : 556329/003

ROADS & MARITIME SERVICES (RMS)

Phone: Monday To Friday 8.30 AM - 4.30 PM

To activate and deactivate your approved work shift(s) on your Road Occupancy Licence, please visit: myrol transport.nsw.gov.au. This licence is for the occupation of the road space only. If you are unable to access myrol.transport.nsw.gov.au, please call TMC on 1800 679 782. For further assistance, please refer to the proponent's user manual here: myrol.transport.nsw.gov.au/help.pdf

DEVELOPMEN	IT - NEW CONSTRUCTION SPEED LI	MIT REDUCTION
Project:	Not Applicable Existing:	110 Km/h
This Activity :	In Land Rail. Narrabri to North Star. Newell Highway Reduced To	: 40 Km/h
	Section from Narrabri to Gurley.	

Work Description: Survey, Vegetation maintenance, Light Vehicle Movements, Minor Heavy Vehicle Movements <20

This Speed limit is ONLY to be applied during the approved time periods listed. Signs are to be covered or removed outside the approved time periods. The Organisation is to maintain accurate records of when the speed limit signs were installed and removed, including the location of the signs, the date and times. The existing posted speed limit\* is to be reinstated at the completion of each of the approved time periods as detailed herein.

Subject Road: NE				
	WELL HWY	Distance(m):	500	
From: WE	EE WAA RD, NARRABRI	Direction:	All Directions	
To: KA	NIMBLA RD, GURLEY			
Council:				

LICENSEE		ONSITE CONTACT			
Trans4m Rail Joint Venture	Name:	Luke McGoldrick			
	Phone:	0413777563			
Luke McGoldrick					
0413777563					
	Luke McGoldrick	Trans4m Rail Joint Venture Name: Phone: Luke McGoldrick	Trans4m Rail Joint Venture     Name:     Luke McGoldrick       Phone:     0413777563       Luke McGoldrick     Venture		

APPRC	VEDI	DATES	& TIMES	5				
From Shift				To Shift				
From Tue	D 12	M Apr	<b>Time</b> 00:00	2	To Wed	D 13	M Apr	<b>Time</b> 00:00
Wed	13	Apr	00:00	-	Thu	14	Apr	00:00
Thu	14	Apr	00:00	-	Fri	15	Apr	00:00
Fri	15	Apr	00:00	-	Sat	16	Apr	00:00
Sat	16	Apr	00:00	-	Sun	17	Apr	00:00
Sun	17	Apr	00:00	-	Mon	18	Apr	00:00
Mon	18	Apr	00:00	-	Tue	19	Apr	00:00
Tue	19	Apr	00:00	-	Wed	20	Apr	00:00

ADDON/ED DATED A TUMES

# **OOHW Application Form**

NARRABRI TO NORTH STAR

Date:

24/03/2

022

(High Risk Activities)

# **OUT OF HOURS WORKS (OOHW) - APPLICATION SUMMARY**

High Risk Activities Out of Hours approval NOT required for the following:

- CoA E1 Works must be undertaken during the following hours:
  - a) 7:00 am to 6:00 pm Mondays to Fridays;
  - b) 7:00 am to 6:00 pm Saturdays; and
  - at no time on Sundays or public holidays.

#### OR

CoA E2 - Notwithstanding Condition E1, works affecting any given receiver may be undertaken during the hours of 6.00 am to 6.00 pm each day over a three (3) month period provided that there is no work between the hours of 6:00 pm on a Saturday and 7:00 am on a Monday every second week.

OR

### CoA E3 (a) - (f)

Notwithstanding Conditions E1 and E2, works associated with the CSSI may be undertaken outside the hours specified under those conditions in the following circumstances:

- a) for the delivery of materials required by the NSW Police Force or other authority for safety reasons; or
- b) where it is required in an emergency to avoid injury or the loss of life, to avoid damage or loss of property or to prevent environmental harm; or
- c) where different construction hours are permitted under an EPL in force in respect of the CSSI; or
- d) work approved under an Out-of-Hours Work Protocol for work not subject to an EPL as required by Condition E8;
- e) where a negotiated agreement is in force, in accordance with Condition E4 and E5; or
- f) construction that causes LAeq(15 minute) noise levels:
  - i. no more than 5 dB(A) above the rating background level at the façade of any residence in accordance with the Interim Construction Noise Guideline (DECC, 2009) or if between the hours of 10:00 pm and 7:00 am no more than 52 dB(A)LA(max) or more than 15 dB(A)LA(Max) above the rating background level whichever is the higher, and
  - ii. no more than the noise management levels specified in Table 3 of the Interim Construction Noise Guideline (DECC, 2009) at other sensitive land uses, and
  - iii. continuous or impulsive vibration values, measured at the most affected residence are no more than those for human exposure to vibration, specified in Table 2.2 of Assessing Vibration: a technical guideline (DEC, 2006), and
  - iv. intermittent vibration values measured at the most affected residence are no more than those for human exposure to vibration, specified in Table 2.4 of Assessing Vibration: a technical guideline (DEC, 2006).
- OR

Works considered low risk in accordance with Attachment C.

### **SCOPE OF OOHW - SUMMARY**

### Application 017 - Stage 1, 2B & 3 High Risk Locations (Sundays & Public Holidays Apr - Jun 2022)

The N2NS Conditions of Approval (CoA E1) states that construction activities must be undertaken during the following hours:

- (a) 7:00am 6:00pm Mondays to Fridays;
- (b) 7:00am 6:00pm Saturdays; and
- (c) At no time on Sundays or public holidays.

The Project's CoA and EPL allows for works to be undertaken outside of theses hours providing the Out of Hours Protocol detailed in the Project's Construction Noise and Vibration Management Sub-Plan is followed, the necessary consultation has occurred, and the relevant approvals obtained. To date; construction works on the N2NS Project have been undertaken on Sundays under the Ministerial Order - *Environmental Planning and Assessment (COVID-19 Development – Infrastructure Construction Work Days No. 2) Order 2020*. To assess these works and notify any potentially impacted receivers a rapid assessment process has been developed and implemented whilst the Ministerial Order is in place. On the 25 March 2021, the NSW Government extended the prescribed period for the temporary planning measure until 31 March 2022. Following the discontinuation of this Ministerial Order (post 31 March 2022), a suite of Out of Hours Works (OOHW) applications have been developed to allow construction

works on the N2NS Project to continue on Sundays and Public Holidays from the 1 April – 30 June 2022. These applications include:

- Application 014 Stage 3 Low Risk Approval Sunday & PH OOHW (Apr Jun 2022)
- Application 015 Stage 1 Low Risk Approval Sunday & PH OOHW (Apr Jun 2022)
- Application 017 Stage 1, 2B & Stage 3 High Risk Locations (Sundays & Public Holidays Apr Jun 2022) this document.

Applications 014 and 015 allow low risk works (i.e. those ≤5dB over the RBL) to occur in Stages 3 and 1, respectively. To achieve this, a 800m buffer has been applied around all sensitive receivers in Stage 1 and 3, with works currently excluded within these buffers. The noise modelling demonstrates that the noisiest construction activity, under worst case conditions, is equal to or less than 5dB over the RBL and therefore compliant with CoA E3(f) and EPL Condition L6.3.

This application has been prepared to assess and approve construction activities within these buffer areas on Sundays and Public Holidays providing the necessary consultation has occurred and the relevant approvals obtained.

The justification to continue to undertake works on Sundays and Public Holidays is to maintain the N2NS Contract Program as agreed between ARTC and T4MR and to shorten the delivery length of the project.

Earthworks:	<ul> <li>Scope Includes: <ul> <li>Mainline bulk earthworks, including clearing and grubbing, topsoil stripping, excavation of existing material, foundation treatment, material placement and lime stabilisation works.</li> <li>Import, hauling and placement of material along the alignment, as required.</li> <li>Stockpiling material, as required.</li> <li>Lime Stabilisation of embankment material.</li> <li>Batter Trimming, drain excavation and finishing works including landscaping.</li> </ul> </li> <li>Plant / Machinery - Pulveriser, grader, dozer, watercart, rollers, excavators, various trucks, skid steer, drill seed tractor, hammer attachments, pulveriser attachments, generators, blower trailers and power tools.</li> </ul>
Drainage:	Scope Includes:
	Site Establishment and Earthworks - Demolition of culverts & pipes, access tracks, topsoil stripping, foundation treatments, lime stabilisation, installation & excavation of scour rock & culvert backfill.
	Installation drainage elements includes:
	<ul> <li>Form Reo Pour (FRP) works for Base slabs, Cut-off walls &amp; Aprons</li> <li>General cranage; unloading &amp; loading of materials and culvert elements</li> <li>Installation &amp; associated joining of precast segments for RCBC, 4SBC &amp; Wingwalls</li> <li>Installation of connection plates, handrails, etc.</li> <li>Excavation &amp; Installation of subsoil pipes &amp; pits including backfilling</li> </ul>
	Plant / Machinery - Pulveriser, grader, rollers, excavators, mobile cranes, various trucks, concrete pump, skid steer, generators and power tools.
Structures:	Scope Includes:
	<ul> <li>Bridge Demolition – Oxy-cutting steel to strip out old rail, installation of temp handrails, crane removal of old bridge girders, Demolish existing concrete structures/pile/abutments, earthworks.</li> <li>Plant – Trucks, Crane, Oxy-cutter, Power tools, pumps, EWP, Excavator with rock breaker/concrete crusher</li> </ul>
	Bridge works including break back of piles, cutting liners, form/reo/pour of concrete/mortar, joint sealing, stressing works Handrail/walkway installation, landing precast concrete, concrete patching and cranage of general materials.
	<ul> <li>Tool / machinery include - Electric power tools, Gurney trailer, Concrete pump, Concrete trucks, Generator, Cranes and EWP.</li> </ul>

The proposed Sunday (and Public Holidays) works within Stage 1, Stage 2B and Stage 3 includes the following:

	Pridge earthworks including access read maintenance, shutment even vation / heal/fill, easur reak installation
	Bridge earthworks including access road maintenance, abutment excavation / backfill, scour rock installation, removal of crane / piling pads.
	<ul> <li>Plant / Machinery includes – excavators / pozi-track, moxy / Trucks, watercart and rollers / compaction equipment.</li> </ul>
Rail:	Scope Includes:
	<ul> <li>Sleeper and rail distribution. Equipment - Loaders, Flat bed Semis and Float trucks</li> <li>Sleeper Lay. Equipment - Loaders, Hi-Rail Excavators, Track Excavators and Octopus.</li> <li>Rail Lay. Equipment - Loaders and Hi-Rail Excavators.</li> <li>Mobile Flashbutt Welding. Equipment - Hi-Rail Excavator, Track Excavator, Mobile Flashbutt Welder and Rail Saw.</li> <li>Top Ballast Loading and Unloading. Equipment - Loaders, Triple Side Tippers and Ballast Train.</li> <li>Tamping. Equipment - Tamping Machine, Regulator and Dynamic Track Stabiliser.</li> <li>Turnout Construction. Equipment - Loaders, Hi-Rail Excavators, Track Excavators, Flatbed trucks, Rail Saw and Aluminothermic Welding.</li> <li>Destress. Equipment - Loaders, Hi-Rail Excavators, Track Excavators, Flatbed trucks, Rail Saw and Aluminothermic Welding.</li> <li>Signage. Equipment - Concrete trucks, Hi-Rail Excavators and Track Excavators.</li> </ul>
Signalling:	Scope Includes:
	<ul> <li>Installation of the combined services route, including trenching and pit and service installation.</li> <li>Installation of signalling huts.</li> <li>Installation of lights and other above-ground signalling components.</li> </ul>
	Plant / Machinery includes – Excavators / trencher, Trucks, Watercart, Rollers/compaction equipment.
Level Crossings:	Scope Includes:
	<ul> <li>Installation of drainage elements, including reinforced concrete pipes, subsoil drains and RCBC.</li> <li>Earthworks and pavements, including foundation treatment, fill placement and new road pavements.</li> <li>Removal and installation of level crossing components - Signage, rail panels, boom gates and kerb stones.</li> </ul>
	Plant / Machinery - Pulveriser, grader, rollers, excavators, mobile crane, various trucks, concrete pump, skid steer, generators and power tools
Pavements	Scope Includes:
	<ul> <li>Import, haul and stockpile ballast to dedicated stockpile areas on-site</li> <li>Import, haul and place capping material along the formation and roads as required.</li> <li>Load, haul and place ballast material along the formation using a ballast paver</li> </ul>
	Plant/Machinery – Road Trains, various trucks, front-end loader, excavators, rollers, pavers, watercarts, graders, plate compactors, power tools.
Estimator h	proximity of these works to sensitive receivers within Stage 1, 2b and 3, the TfNSW Noise as been used to estimate the anticipated noise impact. The details of this assessment are the Sections below.
This approv	al permits works within the following chainages:
Sensitive R	eceiver Location (Chainage) Approved Work Chainages
Stage 1	
CH575.2	CH574.800 – CH576.400
CH575.7	
CH575.9	
CH577.8	CH577.300 – CH579.800

61 107 7.5	
CH578.4	
CH578.8	
CH578.9	
CH579.2	
CH586.5	CH586.000 – CH587.000
CH590.4	CH589.800 – CH591.000
Edgeroi (CH593.400 – CH593.800) CH594.3	CH592.600 – CH594.700
CH596.1	CH595.500 – CH596.800
CH598.5	CH598.000 – CH599.400
CH598.8	
CH600.7	CH600.200 – CH601.200
CH613.1	CH612.300 – CH613.900
Bellata (CH615.100 – CH616.400) CH617.8	CH614.300 – CH619.600
CH619.0	
CH621.6	CH620.800 – CH622.400
Stage 2B	
CH643.100	CH641.000 – CH646.000
CH644.100	
CH646.900	
Stage 3	
CH686.400 (Roydon Road)	CH685.600 – CH687.200
CH706.800 (County Boundary Road)	CH706.000 – CH707.600
CH717.500 (Crooble Road)	CH716.800 – CH718.200
CH728.900	CH728.200 – CH729.600
CH733.400 – CH734.100 Township of Croppa Creek.	CH732.600 – CH734.900
CH737.300	CH736.600 – CH738.000
CH750.000	CH749.500 – CH750.500
CH755.200	CH754.600 – CH755.800
CH758.200 – CH759.000 Township of North Star	CH757.600 – CH760.600

CH577.9



PROPOSED LOCATION OF OOHW	MAP ATTACHED
The proposed works will be undertaken on all Sundays and gazetted Public Holidays (7am – 6pm) from the 1 April – 30 June 2022, within the chainages detailed above.	🛛 Yes 🗆 No
PROPOSED DATE (S) OF OOHW	NOISE / VIBRATION MANAGEMENT LEVEL
The proposed works will be undertaken on all Sundays and gazetted Public Holidays (7am – 6pm) from the 1 April – 30 June 2022, within the chainages detailed above.	<b>35dB</b> (Daytime OOHW NML) Vibration - N/A (Not Triggered), due to proximity.
PROPOSED OOHW DURATION	PROPOSED TIME(S) FOR OOHW
Proposed OOHW are:    < 2 nights	Proposed OOHW is ( <i>tick</i> <i>all that apply</i> ): Geodeside 6:00pm to 10:00pm (Monday to Saturday) Holiday to Saturday) Sunday(s) or Public Holiday(s) - Anytime Other: 60m
Other (List): Refer to Attachment A for the list of impact other sensitive receivers.	
NOISE LEVEL ASSESSMENT – SUMMARY (Attachment A)	
The TfNSW Noise Estimator has been used to predict the worst-case noise scenario (i.e boundary closest to the receiver and assuming all plant has an unrestricted line of sight v receiver). Due to the plant and equipment used, the loudest construction activity has been alignment bulk earthworks. This noise assessment includes the following:	with the sensitive
Main alignment bulk earthworks, consisting of the following plant / equipment.	
<ul> <li>1 x Grader</li> <li>1 x Roller</li> <li>1 x Light vehicle</li> </ul>	

The noise assessment has been undertaken for all sensitive receivers within Stage 1, 2B and 3 and the results of this noise assessment is found in Attachment A.

Whilst project vehicles are on public roads, the noise impact is assessed under the Road Noise Policy, which states that a 60% increase in traffic movements represents a noise increase of 2dB. Traffic movements during the proposed OOHW are not expected to increase traffic movements by >60%. Regardless, additional mitigation measures have been included to manage the noise impact associated with project vehicles accessing site, whilst on public roads.

#### VIBRATION LEVEL ASSESSMENT – SUMMARY (Attachment B)

N/A – As the closest sensitive receiver is located >60m away, a vibration assessment is not triggered (minimum working distances (triggering monitoring) is 10m for sound structures and 20m for unsound structures).

#### RISK ASSESSMENT – SUMMARY (Attachment C)

The proposed works have been risk assessed to be "Low (Daytime 2) – High (Daytime 3)" with consultation and mitigation to be undertaken in accordance with Attachment C and Section 10.5 of the Project's CNVMP. Refer to Attachment A for individual risk ratings.

#### **COMMUNITY & STAKEHOLDER CONSULTATION REQUIREMENTS (Attachment D)**

As part of the Inland Rail Narrabri to North Star Phase 1 Project, Trans4m Rail is seeking negotiated agreement in accordance with the Environment Protection Licence (EPL) No. 21494. This negotiated agreement would allow for works to be undertaken outside standard construction hours permitted under L6.4 and in accordance with L6.5.

Trans4m Rail will reach a negotiated agreement with sensitive receivers (owners and occupiers) to carry out works in accordance with the hours and noise limits specified in the negotiated agreements.

#### MITIGATION MEASURES

- Consultation with potentially impacted receivers will be undertaken in accordance with Section 10.5 of the Project's Construction Noise and Vibration Management Sub-Plan.
- The mitigation measures detailed in Project's Construction Noise and Vibration Management Sub-Plan will be applied to reduce the noise impacted to those sensitive receivers detailed Attachment A.

Are the proposed OOHW considered "Low Risk" (Attachment C)? 
Ves No

If yes, use the "Low Risk Application Form".

#### Sleep Disturbance Assessment (for OOHW of more than 2 consecutive nights)

N/A – the OOHW will not be undertaken over >2 consecutive nights, so a sleep disturbance assessment is not required.

Potential additional impacts from OOHW – other than noise and vibration (*Please select*)

⊠ Traffic / detours	Property Access restrictions	☑ Deliveries to site
⊠ Dust □ Lighting	⊠ Heavy vehicle haulage	☑ Vehicle reversing activities
		⊠ Parking

Light Overspill Considerations – All Stage 1 works and Stage 2 works south of CH656.000 (Please select)

Source: Dark Sky Planning Guideline Protecting the observing conditions at Siding Spring (June, 2016)

NOTE: Construction activities will be performed during daylight hours (7am – 6pm) with no artificial lights required. This approval does not permit early morning works (before 7am) OR evening / night works (after 6pm). Notwithstanding this, lighting towers may be used at Minor Ancillary Facility Locations prior to and

during prestarts to illuminate the carparks and walkways when Project personnel are arriving at site. In these situations, the below measures will be applied.					
1	Eliminate upward spill light.	<ul> <li>To eliminate upward spill of light, the following measures will be applied:</li> <li>Lighting towers will be set-up horizontally, so that light fittings are shining directly at the ground with no direct light shining above the horizontal plane.</li> <li>Lighting towers with shrouds or shielded fittings will be utilised where available.</li> <li>Lighting towers will not be directed onto reflective surfaces.</li> </ul>			
2	Direct light downwards, not upwards.	Lighting towers with directional fittings will be installed so that they shine directly at the ground with no direct light shining above the horizontal plane. Lights will be checked to ensure they are not shining directly into a neighbouring residence, onto a roadway, skyward, above the horizontal plane or outside of the property boundary.			
3	Use shielded fittings.	Lighting towers with shrouds or shielded fittings will be utilised, where available.			
4	Avoid 'over' lighting.	It's anticipated that artificial lighting at laydowns will only be required in the mornings of winter months when day light is limited. Works on- site typically finish at 5pm. Lighting towers will be appropriate for the lighting task required and only be utilised when absolutely necessary (i.e. safety purposes) and will be turned-off when no longer required.			
5	Switch lights off when not required.	Temporary lighting towers will only be used when absolutely necessary and turned off when no longer required.			
6	Use energy efficient bulbs.	Lighting towers with energy efficient bulbs will be used where available. LED lights will be utilised where			



			available, avoiding halogen and incandescent bulbs, where possible.	
7	Jse asymmetric beams, where floodlights are used.			, lighting towers with ic beams will be used ilable.
8	Ensure lights are not directed towards reflective surfaces.		Lighting towers will be directed to the ground and avoid onto any reflective surfaces.	
9	Jse warm white colour.		used whe blue-rich h	oured light bulbs will be re available, avoiding cool high colour temperature are the least sky-friendly.
JUSTIFICATION FOR OOHW				
Technical justification –	demonstrated need to operate	outside standard ho	urs	
☑ Infrastructure works – p requirements	otential to shorten length of pro	ject and improve del	ivery or cor	ntract program
□ Other				
Comments:				
CUMULATIVE OOHW REVIEW				
Any other approved OOHW near proposed OOHW?	□ Yes ⊠ No	Cumulative Noise Assessment Requi		∃Yes ⊠No

## APPROVAL

TRANS4M Rail - DISCIPLINE REVIEW	REPRESENTATIVE	ENDORSED TO PROCEED	COMMENTS	
Construction Manager	Cam Pahor	⊠ Yes □ No	Nil	
Environment Manager	Adam Playne (pp)	⊠ Yes □ No	All relevant mitigation measures from the CNVMP must be implemented.	
WH&S Manager	Adam Boston	🛛 Yes 🗆 No	Nil	
Community and Stakeholder Manager	Laura Colley	🛛 Yes 🗆 No	Subject to consultation records.	
Project Director	Ganesh Kumar	🛛 Yes 🗆 No	Nil	
Environmental Representative - Approval				
Environmental Representative		⊠ Yes □ No	1. All relevant mitigation measures from the CNVMP and CNVIS must be implemented	

			2.	All sensitive receivers who have not responded to the consultation letter and all High (Day 3) impacted receivers to be followed up with by the T4MR Comms Team to ensure they received the material and/or if they have any questions or hesitations with the works occurring. If the sensitive receiver is concerned about the works, an offer is to be made to meet with the receiver to answer any queries they may have or explain the works / mitigation measures to be implemented. Offers for respite periods or alternative accommodation may also be made. Where a sensitive receiver is concerned with work on a Sunday, consideration should be given to either ceasing such work, or adjusting the start time, nature or location of such work, in consultation with the affected receiver/s.
NSW Environment Prot	ection Authority - App	proval		
NSW EPA		□ Yes □ No		
Department of Planning	g, Industry and Enviro	nment - Approval		
NSW DPIE		□ Yes □ No		

## ATTACHMENT A – NOISE LEVEL ASSESSMENT

Chainage of Sensitive Receiver	Orientation	Approx. Distance (m)	Estimated Noise Impact (TfNSW Noise Estimator) / Noise Risk Assessment
Main Alignment - Earthworks			
Stage 1			
CH575.2	East	390	45dB / High (Day 1)
CH575.7	East	380	45dB / High (Day 1)
CH575.9	East	350	46dB / High (Day 2)
CH577.8	East	320	47dB / High (Day 2)
CH577.9	West	460	43dB / High (Day 1)
CH578.4	East	490	42dB / High (Day 1)
CH578.8	West	280	49dB / High (Day 2)
CH578.9	West	480	42dB / High (Day 1)
CH579.2	East	240	51dB / High (Day 2)
CH586.5	East	380	45dB / High (Day 1)
	East	490	42dB / High (Day 1)
CH590.4	East	260	50dB / High (Day 2)
	East	300	48dB / High (Day 2)
Edgeroi (CH593.400 – CH593.800)	East	9 sensitive receivers located 90 – 210 metres from the alignment	Max. 64dB / High (Day 3)
CH594.3	East	510	41dB / High (Day 1)
CH596.1	East	280	49dB / High (Day 2)
CH598.5	East	390	45dB / High (Day 1)
CH598.8	West	300	48dB / High (Day 2)
	West	530	41dB / High (Day 1)

CH600.7	East	520	41dB / High (Day 1)
CH609.1	East	760	36dB / Low (Day 2)
CH613.1	West	2 Residential Receivers located 90m from the alignment	Max. 64dB / High (Day 3)
Bellata (CH615.100 – CH616.400)	East	67 Residential Receivers. Bellata Golf Club Bellata Tennis Courts Anglican Church Caravan Park Bellata Public School. The closest receiver is located 90m from the works.	Max. 64dB / High (Day 3)
CH617.8	West	160	57dB / High (Day 3)
CH619.0	West	310	48dB / High (Day 2)
CH621.6	East	160	57dB / High (Day 3)
Stage 1 - Piling (*As per Section 4.5 of the ICNG at	nd EPL Condition	L4.3 a 5dB correction has be	een applied to piling activities).
Bobbiwaa Creek (CH586.200)	North-east	490	49dB* / High (Day 2)
	North-east	590	47dB* / High (Day 2)
	West	1,100	38dB* / Low (Day 2)
Ten Mile Creek (CH600.500)	East	540	48dB* / High (Day 2)
Tookey Creek (CH620.600)	North	950	40dB* / Low (Day 2)
Stage 2B			
CH643.100	East	300	48dB / High (Day 2)
CH644.100	East	430	44dB / High (Day 1)

CH646.900	North-west	620	39dB / Low (Day 2)		
Stage 3					
CH686.400.	South	180	55dB / High (Day 2)		
CH706.800.	West	180	55dB / High (Day 2)		
		220	52dB / High (Day 2)		
CH717.500.	West	60	68dB / High (Day 3)		
CH728.900.	East	230	52dB / High (Day 2)		
		320	47dB / High (Day 2)		
Croppa Creek. CH733.200 – CH734.300	West and East	21 residential receivers. 3 other sensitive receivers (i.e. Croppa Creek School, Croppa Creek Sporting and Recreational Club and Croppa Creek Golf Course). The closest of these receivers is 70m away.	66dB / High (Day 3)		
CH737.300.	West	160	57dB / High (Day 3)		
CH750.000.	East	450	43dB / High (Day 1)		
CH755.200.	West	2 x 360	46dB / High (Day 2)		
North Star. CH758.200 – CH759.000	East	34 residential receivers. Other sensitive receivers including; 1 church, 1 café and 1 general store. The closest of these sensitive receivers is 80m away.	65dB / High (Day 3)		

## ATTACHMENT B – VIBRATION LEVEL ASSESSMENT

N/A – As the closest sensitive receiver is located 60m away, a vibration assessment is not triggered (minimum working distances (triggering monitoring) is 10m for sound structures and 20m for unsound structures).

#### ATTACHMENT C - NOISE RISK ASSESSMENT

The below risk matrix must be used to determine the level of risk (and corresponding mitigation measures) associated with the proposed OOHW.

	Out of Hours Work Period		
dB(A) above the Rating Background Level	Day	Rest / Evening	Sleep / Night
	(Sunday or Public Holiday)	(6:00pm – 10:00pm Mon - Sat)	(10:00pm – 7:00am)
≤5dB(A)	Low (Day 1)	Low (Rest 1)	Low (Sleep 1)
>5dB(A) – 10dB(A)*	Low (Day 2)	Low (Rest 2)	Low (Sleep 2)
>10dB(A) - 15dB(A)	High (Day 1)	High (Rest 1)	High (Sleep 1)
>15dB(A) - 25dB(A)	High (Day 2)	High (Rest 2)	High (Sleep 2)
>25dB(A) or Highly noise affected (≥75 dB(A))	High (Day 3)	High (Rest 3)	High (Sleep 3)

NOTE:

For all high risk assessed activities, the OOHW Application Form (High Risk Activity) must be completed, EPA consulted, endorsed by the ER and approved by DPIE. \*Where the proposed OOHW are >2weeks and / or >5 potentially impacted receivers, the OOHW must be considered High Risk 1. All OOHW works are subject to the mitigation measures detailed in Section 10 of the CNVMP.

Additional Mitigation Measures include: Low Day 1 = To be determined by T4M Comm. Man and T4M Env. Man

Low Day 2 = CO1 + EPA Notification

Low Rest 1 = To be determined by T4M Comm. Man and T4M Env. Man Low Rest 2 = CO1 + EPA Notification

Low Sleep 1 = To be determined by T4M Comm. Man and T4M Env. Man Low Sleep 2 = CO1 + EPA Notification

High Day 1 = CO1 High Day 2 = CO1 and CO2 High Day 3 = CO1, CO2 and RO\*

High Rest 1 = CO1 High Rest 2 = CO1 and CO2 High Rest 3 = CO1, CO2 and RO\*

High Sleep 1 = CO1 High Sleep 2 = CO1, CO2, RO\* and AA\* High Sleep 3 = CO1, CO2, RO and AA\*

All high risk OOHW must include consultation with the NSW EPA.

Where: CO1 = Communication Category 1 CO2 = Communication Category 2 RO = Respite Offer AA = Alternative Accommodation Offer

Category 1 CO1: Communication should be personalised (e.g. door knock, meeting, telephone call). Contact with these residents should commence early to enable feedback to be considered by the proposal; and

Category 2 CO2: Communication to provide information on the proposal via letter box drop, email, newsletter, media advertisements and/or website a minimum of five days prior to the works commencing.

#### **ATTACHMENT D – COMMUNITY & STAKEHOLDER CONSULTATION**

All sensitive receivers were provided with a letter (refer figure 1) outlining why they had been identified. The letter and a copy of the community notification outlined the major construction activities as part of the project delivery including the hours of operation, proposed noise level, associated impacts and how impacts would be mitigated.

A map (refer figure 2) was included showing property location in relation to the construction zone along with a noise level chart.

Identified stakeholders were offered to meet with Trans4m Rail staff to discuss the proposal if required. Meetings were also held with landowners directly adjacent to the rail corridor.



26 March 2022

<Landowners Name/s> <ADDRESS <Suburb> <State> <Postcode>

#### Dear xxxxxxx,

Continuation of construction activities on Sunday

The construction of the Inland Rail Narrabri to North Star Phase 1 (N2NS) project is undertaken in accordance with the <u>NSW Minister</u> for Planning and Public Spaces' Conditions of Approval (CoA) along with an Environmental Protection Licence (EPL). The CoA and EPL states that construction activities must be undertaken during the following hours:

- (a) 7:00am 6:00pm Mondays to Eridays;
- (b) 7:00am 6:00pm Saturdays; and
- (c) At no time on Sundays or public holidays.

To date, construction works on the N2NS Project have been undertaken on Sundays under the Ministerial Order - Environmental Planning and Assessment (COVID-19 Development – Infrastructure Construction <u>Work Days</u> No. 2) Order 2020. As this Ministerial Order will expire on 31 March 2022, Trans4m Rail is required to seek agreement from landowners that may be deemed as a sensitive receiver to allow construction works on the N2NS Project to <u>continue on</u> Sundays from 3 April to 30 October 2022.

The justification to continue to undertake works on Sundays is to maintain the delivery program for the project despite the volume of rain that has been experienced in the area over the recent months. This will allow Trans4m Rail to return the track to ARTC by the 31 October 2022, allowing the line to be reopened for local growers to transport their product via train in November.

Due to the proximity to the construction impact zone (CIZ), a dwelling on your property has been deemed a sensitive receiver. As such, Trans4m Rail has undertaken an assessment using the Transport for NSW Noise Estimator to predict the worst-case noise scenario (ie. All machinery operating at the boundary closest to the property). The <u>details</u> of this assessment is as follows:

CHAINAGE	ORIENTATION	APPROX. DISTANCE FROM WORKS	ESTIMATED NOISE IMPACT
621.600	East	160 metres	57dB

Taking the above into consideration, Trans4m Rail is seeking your agreement to continue to undertake construction activities on Sunday from 7am to 6pm. We ask that you sign the below, acknowledging that noise, traffic and vibration impacts may occur and that you're supportive of the proposal or alternatively you can provide a response via email.

Trans4m Rail <u>W\_ABN</u>: 84 996 025 181 64 – 68 <u>Bolo</u> Street, Moree NSW 2400 | PO Box 903, <u>Oxenford\_QLD</u> 4210 T: 1800 732 761

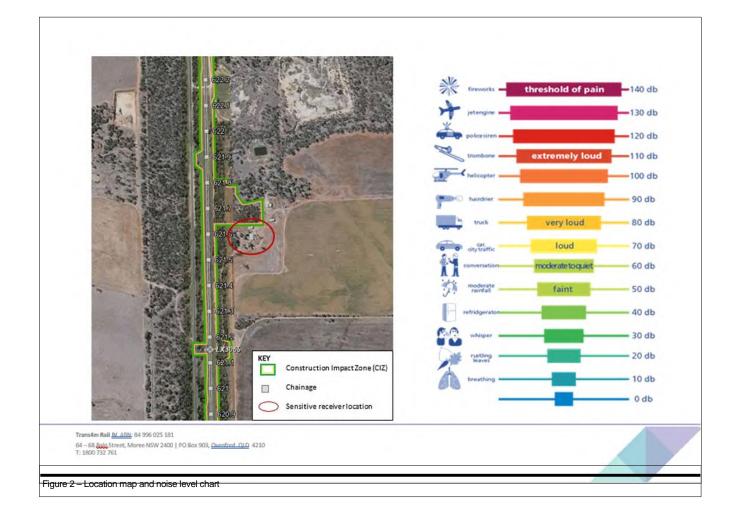
Figure 1 - Letter to landowners



Trans4m Rail <u>N/\_A8N</u>: 84 996 025 181 64 – 68 <u>Baio</u> Street, Moree NSW 2400 | PO Box 903, <u>Oxenford OLD</u> 4210 T: 1800 732 761 TRANS

RAIL =







**APPENDIX C – ER INSPECTION REPORT** 



## INLAND RAIL PROJECT – NARRABRI TO NORTH STAR CSSI 7474

**ENVIRONMENTAL REPRESENTATIVE'S INSPECTION REPORT** 

Date: 20 April 2022





SECTION 1: SUMMARY					
Project: Inland Rail = Narrabri to North Star       Client: ARTC       Principal Contractor: Trans4m					
Inspection by: Steve Fermio (Environmental Representative)	Date: 20/04/22	Time: 8.00am to 5.30pm			
Inspection report no: 220420	Pages: 18	Issued to: ARTC, Trans4m			
Sites / locations inspected: Stage 1 works including Spring Creek and Ten Mile Creek					
Weather conditions: Sunny, South south-east winds 9-15km/h, 20°C (	BoM Narrabri)				
Works observed: Bridge demolition and construction preparation work	ks, including piling / crane pads, for at Spring Creek and T	en Mile Creek			
Summary of key findings and recommendations:					
1. Mitigation measures ( <i>Table 9: Biodiversity Mitigation Measures – Construction Biodiversity Management Sub-plan Rev 1</i> ) were reviewed. This included specific mitigation measures for Five-clawed Worm-skink. The review found that all measures are being implemented. Some opportunities for improvement to the BMP (not related to FCWS measures) are summarised in Section 3 of this rep[ort.					
2. The sites are well established and organized and housekeeping	is of a high standard.				
3. The only new observation arising from the site inspection is for Trans4m to ensure the latest version of the Daily Site Diary template is issued to all site engineers and supervisors with an instruction to replace older versions of the template as the new version provides an improved basis for recording daily site environmental observations.					
4. It was reported by Trans4m that the specialist ESCP adviser will be on site week commencing 25 April. Recommend that the ESCP advisor be kept closely involved with the ongoing works at Spring Creek and Ten Mile Creek until the environmental risk level is reduced to low.					
5. Previous ER inspection findings have either been closed out or a	are in progress.				
6. The next inspection is scheduled for 4/05/22 and will focus on si	te works at waterway crossings in Stage 1 including Sprin	g Creek and Ten Mile Creek and earthworks in Stage 2b area.			
7. Document review will focus on the Construction Soil and Water I	Management Plan.				

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#### SECTION 2: OPEN ISSUES / ACTIONS FROM PREVIOUS INSPECTIONS AND REVIEWS

This Section presents the status on issues and actions identified in previous reporting periods. Open actions remain until closed. Closed actions are removed from the following Inspection Report.

Unique ID	Document / requirement reference	Requirement	Finding	Action proposed / implemented	Status
20210908- 119 Lon:149.819 Lat:-29.636 Tycannah Creek Tributary	NA	In September 2021 it was noted there was a risk of embankment fill material washing over edge of bridge prior to the embankment being cut back to final shape. Recent inspections have confirmed material has been stabilised with soil binder and hydroseeding.	Design process to be reviewed to understand how constructability factored in (or not) & any lessons learned arising	Wing walls on upstream and downstream top edges of culvert being redesigned to better contain rail embankment material. It is planned to retrofit these during the next Stage 2 possession in April 2022	Progressing

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Project No.: 136



#### SECTION 2: OPEN ISSUES / ACTIONS FROM PREVIOUS INSPECTIONS AND REVIEWS

This Section presents the status on issues and actions identified in previous reporting periods. Open actions remain until closed. Closed actions are removed from the following Inspection Report.

Yallaroi Creek 20220309- 208 Lon:150.310 Lat:-29.066	In March 2022 it was no sit curtain downstream crane pad was partly submerged, reducing it effectiveness.	n of the below	Closed
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#### SECTION 2: OPEN ISSUES / ACTIONS FROM PREVIOUS INSPECTIONS AND REVIEWS

This Section presents the status on issues and actions identified in previous reporting periods. Open actions remain until closed. Closed actions are removed from the following Inspection Report.

NA	TTAMP (Rev 1) Section 11	Compliance Management, in particular how monitoring and auditing is being undertaken	There is limited involvement of the Trans4m Environment and Sustainability Team in traffic monitoring and auditing as set out in Section 11. This work is largely being undertaken by Trans4m's Traffic Manager and contractors to the Project, as it should be	Rev 2 of TTAMP has amended section 11 to reflect involvement of Traffic Manager and team in traffic monitoring and auditing, rather than Enviro Team. Rev 2 has been endorsed by ER and submitted to DPE for approval	Closed
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COMMERCIAL IN CONFIDENCE

Project No.: 136



#### SECTION 3: PROJECT REQUIREMENT / PROCESS / DOCUMENT REVIEW

This Section presents the outcomes from reviews of compliance with Conditions of Approval, and Project Strategies, Plans and Programs for the current Reporting Period. The review is conducted on select requirements based on the likely risks for the works being undertaken. The review is not exhaustive nor does it constitute an audit.

Unique ID	Document / requirement reference	Requirement	Finding	Action proposed / implemented	Status
	BMP / Preconstruction B2	If Construction is required outside of those areas previously assessed as part of the biodiversity assessment for the EIS and SPIR, additional field survey and analysis through a Consistency Assessment (CA) will be undertaken (refer to Section 3.3 of this plan).	CAs only apply in relation to a new CAF proposed under A16 and a Modification application is currently underway for clearing outside SPIR not related to CAF	OFI Suggest amending B2 in next revision of BMP to reflect current accepted practice regarding CAs and Modifications	Open
	BMP / Preconstruction B3	Clearing of Koala habitat, as identified by the CoA E23 (Table E4 below), will be reduced by at least 25%, or as otherwise agreed by the Planning Secretary. Prior to construction commencing, key construction and environmental personnel will assess the Construction Impact Zone (CIZ) issued by ARTC and identify areas where Koala Habitat (and other mapped vegetation) can be retained. As required by CoA 24, ARTC will submit a report to the Planning Secretary, EES and DAWE for information on the final construction footprint demonstrating how impacts to Koala Habitat shown in Table E4 have been reduced to at least <u>131.43 ha</u> within six months after the commencement of construction. This process will be achieved via a workshop (or series of workshops) with representation from the Environment, Construction, Engineering and GIS / Survey Teams.	25% reduction in Koala Habitat is being tracked in Sustainability Reporting but not tracked in the Clearing Register	OFI Suggest Clearing Register be amended to include tracking of 25% reduction in Koala Habitat	Open

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Unique ID	Document / requirement reference	Requirement	Finding	Action proposed / implemented	Status
2600- 0018- N2NS-SP1	BMP / Preconstruction B6	All key actions of this BMP and ECMs (e.g. clearing demarcation, erosion control measures and clearing permit requirements) will be incorporated in relevant project HSEQ risk management documentation (AMS, ITPs, TRA/SWMS and ECMs)	Current practice is for this information to be collectively found in the Work Packs at each site	OFI Amend measure in next revision of BMP to reference Work Packs rather than naming the specific documentation	Open
	BMP / Preconstruction B21	<ul> <li>A fauna register will be maintained during clearing by the ecologist/ fauna spotter catcher of:</li> <li>All habitat trees recorded/ cleared.</li> <li>All details of fauna captures/ relocation.</li> <li>All fauna mortalities.</li> </ul>	Biodiversity/ Flora and Fauna ECM (T4MR-MR- ENV-001-06) Fauna register	OFI Check BMP in next revision to remove duplicate mitigation measures references to Clearing Register	Open
	BMP / Works near/in creeks and temporary waterway crossings B34	Works within watercourses will not commence during/ within 24 hours prior to periods of high rainfall or high flow events.	Engineered piling / crane pads are installed within watercourses to allow works to occur within 24 hours prior to rainfall events	OFI Amend this measure in the next revision of the BMP to reflect current practice with regard to engineered piling / crane pads and reference to not opening new areas within 24 hours of high flow event	Open
	BMP / Rehabilitation & revegetation B42	All rehabilitation and revegetation works will be undertaken in accordance with the mitigation measures detailed in Section 6 of the CSWMP. Habitat features, such as woody debris will be scattered throughout rehabilitated areas within the rail corridor in consultation with the ARTC Project Manager / Project Director.	Reference to Section 6 of CSWMP is incorrect. Should be Section 7	Update reference to Section 7 Rehab and Revegetation mitigation measures in next revision of BMP	Open

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#### **SECTION 4: INSPECTION**

This Section presents the outcomes from an inspection of the project construction site, works and environmental protection measures for the current Reporting Period.

ISSUE PRIORITY L	ISSUE PRIORITY LEVEL & DEFINITIONS				
High	May potentially result in a significant/major environmental incident/damage.				
gii	Must be addressed immediately or within timeframe as agreed / advised at time of inspection.				
Medium	May potentially result in a medium/moderate environmental incident/damage.				
wearum	Must be addressed within 3 business days or within timeframe as agreed / advised at time of inspection.				
Low	Observation not classified as high or medium risk but still needs to be rectified in a timely manner.				
LOW	Must be addressed within 5 business days or as agreed / advised at time of inspection.				
0	Observation for further consideration.				
0					
000	Observation of good practice.				
00	No corrective action required.				

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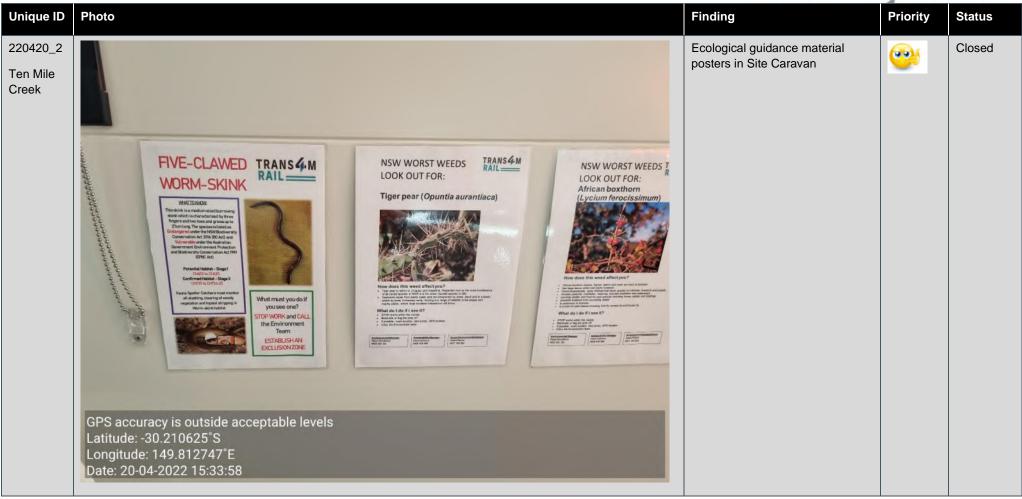


Unique ID	Photo	Finding	Priority	Status
220420_1 Ten Mile Creek	Line Name: Main NW Single         Network Control Board: Thain Order Control         Base Code: 10018 Werns Creek - Mungindi Single Line         Kinometerage: 600.50         Date: 20-04-2022 11: 55:31	Old bridge concrete being recycled in crane pad at Ten Mile Creek		Closed

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Unique ID	Photo	Finding	Priority	Status
220420_3 Spring Creek	Line Name: Main NW Single Network Control Board: Train Order Control Base Code: 10018 Werris Creek - Mungindi Single Line Kilometerage: 582.62 Date: 20-04-2022 15:07:12	Existing sediment build up upstream of Spring Creek rail bridge Works in this area will require ongoing close liaison with CEPSC	For noting	Closed

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Unique ID	Photo	Finding	Priority	Status
220420_4 10 Mile Creek	<complex-block></complex-block>	Scour protection at discharge end of low flow pipes at base of piling pad - Ten Mile Creek		Closed

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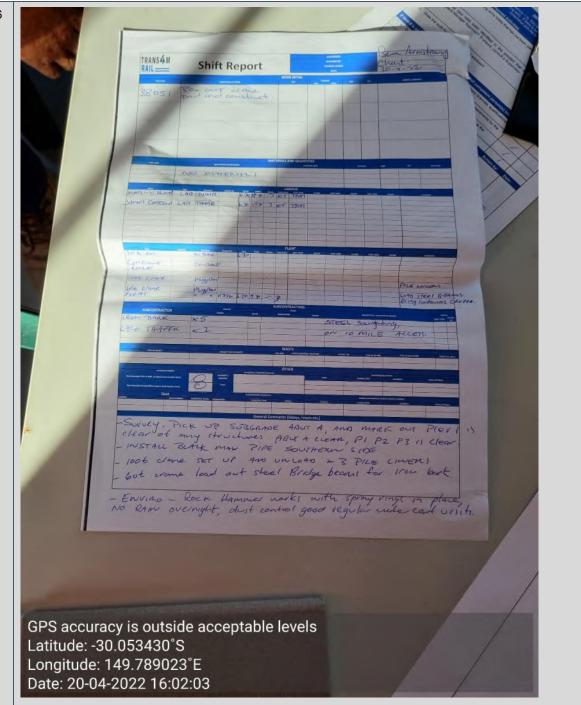
22042_5 Ten Mile Creek MAF	Unique ID	Photo	Finding	Priority	Status
Network Control Board: Train Order Control Base Code: 10018 Werris Creek - Mungindi Single Line Kilometerage: 596.63	220420_5 Ten Mile	Line Name: Main NW Single         Newrork Control Board: Train Order Control         Base Code: 10018 Werris Creek - Mungindi Single Line	No Go zone flagged at Ten Mile		

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#### 220420\_6

Ten Mile Creek



# **Wolfpeak**

...

Closed

Daily Diary form at Ten Mile

Note that this is older diary template. New template to be

rolled out to site engineers and

Creek with environmental

observations included.

supervisors



Unique ID	Photo	Finding	Priority	Status
220420_7 Spring Creek	<complex-block></complex-block>	Rock check dam and silt curtain installed downstream of Spring Creek rail bridge work area		Closed

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Unique ID	Photo	Finding	Priority	Status
220420_7 Ten Mile Creek	<complex-block></complex-block>	Upstream earth bund at Ten Mile Creek worksite		Closed

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#### **SECTION 5: AUTHORISATION**

This Section provides authorization from the ER that the information presented is, to the best of our ability, true and correct.

Name: Steve Fermio	Position: Environmental Representative
Signature:	Date: 22/04/22
Sci	

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#### **SECTION 6: NEXT INSPECTION**

This Section plans the next inspection in consideration of issues and risks, and active or upcoming works. It enables adequate access arrangements to be made.

Scheduled	date:	04/05/22
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Proposed site / location: Spring Creek to Ten Mile Creek and north of Penny Road

Document review: Land and Water Management Plan

#### SECTION 7: DOCUMENT REVIEW FORWARD LOOKING PLAN

This Section plans the forward looking plan for the review of plans, strategies and programs required under the approval. It will be progressively reviewed and updated based on the risk and progress of works.

Month	<del>Jan-22</del>	<del>Feb-22</del>	Mar-22	Apr-22	May-22	June-22
Plan	Stage 2 FFMP	NVMP (OOHW focus only) and CMP	None <sup>1</sup>	SSWMP	LLGMP	GMP

Notes:

1. The first Independent Audit on the Project is being conducted over February and March 2022. A document review during this period would largely duplicate the Independent Audit. Therefore the ER will not complete a document review during March 2022 unless there appears to be a need (based on risks on site), or as directed by DPE.

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## **APPENDIX D – CEMP REVIEW SCHEDULE**

N2NS CEMP - Sub Plan Implementation Review Schedule											
CoA	Document	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV
Lessons Learned Workshop	Trans4m to host process	x									
A21	MAF approvals		x								
B1/B6	Communication Strategy & Complaints Management System					x					
C1/C2	Construction Environmental Management Plan (CEMP)						x				
C4/8	Traffic and Transport Management Plan		x								
C4	Construction Noise and Vibration Management Sub Plan & OOHW Protocol					x					
C4/9	Biodiversity Management Sub Plan			x							
C4/10	Soil and Water Management Sub Plan				x						
C4/11	Heritage Management Sub Plan						x				
C12	Flood Emergency Management Sub Plan & Site Specific Flood Preparation Plans				x						