

Notice type	SAFE Notice
Title	Level Crossing Upgrade, Tikitere North - Murgo to North Star

AFFECTED AREA

Network Control	Control Centre NCCN (Broadmeadow) Boards Hunter Valley North West (TMACs)
Network Area	Corridor Camurra to Boggabilla Locations Murgo To North Star Kilometrage 745.500 - 748.500 km

EFFECTIVE PERIOD

Date and time	From/at Tue, 24 Feb 2026 06:00 AEST	To Sun, 23 Aug 2026 05:00 AEST
---------------	---	--------------------------------------

REFERENCE DOCUMENTS

Other notices	Empty
Train Alteration Advice	Empty
Route Access Standards	Empty
NIBs	OGW-30-23

OPERATING CONDITIONS (GENERAL DETAILS)

Commencing 0600 hours Tuesday 24th February 2026 until 1800 hours Thursday 26th February 2026, or until the works are completed, the Narrabri North Inland Rail Project Team will carry out level crossing upgrading activities to the ALCAM ID 3166 Private Access Tikitere North Level Crossing (747.052km), altering from an existing passive to an F Type active level crossing.

LEVEL CROSSING EQUIPMENT

The following new infrastructure will be installed, commissioned and booked into use:

Equipment	Description / Details
Half Boom and Flashing Lights	Country Side RX5 and Boom (ABCD)
Half Boom and Flashing Lights	Sydney Side RX5 and Boom (EFGH)
Flashing Lights	Country Side auxiliary RX5 (JK)
Flashing Lights	Sydney Side Auxiliary RX5 (LM)
Signal Equipment Room (SER)	SER to be located trackside at 747.031km (referenced as PATN XING on diagram)
Test SW	In-field Test Switch - located at the SER.
Emergency SW	In-field Emergency Switch - located at the SER.
Manual Ops SW	In-field Manual Operation Switch - located at the SER.

TRACKSIDE SIGNAGE

The following new infrastructure will be installed, commissioned and booked into use:

Signage Type	Direction	KM Location	Description / Details
W7-4B	Down	745.950	Down direction level crossing approach warning sign.
W7-4B	Up	748.154	Up direction level crossing approach warning sign.
Axle Counter	Down	745.950	Axle counter sign.
Axle Counter	Up & Down	747.037	Back-to-back axle counter signs.
Axle Counter	Up & Down	747.067	Back-to-back axle counter signs.
Axle Counter	Up	748.154	Axle counter sign.

TRAIN DETECTION

The following new infrastructure will be installed, commissioned and booked into use:

Equipment	KM Location	Description / Details
Axle Counter	745.950	DXT Axle Counter - strike in point for down direction
Axle Counter	747.067	XT Axle Counter - strike out point for down direction
Axle Counter	747.037	XT Axle Counter - strike out point for up direction
Axle Counter	748.154	UXT Axle Counter - strike in point for up direction
Reset Switch	747.031	In-field Axle Counter Reset Switch - located at the SER.

These new arrangements and alterations to level crossing infrastructure will involve route-setting, track circuit testing, and level crossing testing activities.

SAFeworking Arrangements

All work must be carried out as per the appropriate ARTC Network Rules and Procedures.

As required an Infrastructure Booking Advice (ANRF 003) must be compiled as per ARTC NSW Rules & Procedures ANWT 312 Infrastructure Booking Advice and ANPR 704 Using Infrastructure Booking Advice.

As part of these works the Cerberus Level Crossing Monitor on the Hunter North West Control Board at NCCN Broadmeadow will be updated to include this new Active Level Crossing.

ADDITIONAL DETAILS

This SAFE Notice will serve as an amendment to the Network Information Book (NIB).

Amendments to Network Information Book:

OGW-30-23 – Goobang Junction (exc) to Dubbo (exc) and Turrawan (exc) to North Star (inc) & Camurra West

<u>1.6 Level Crossings</u>								
<i>Update Table</i>	ALCAM ID	Cerberus ID	Road Name	Line Segment	KM	Traffic Type	Access	Control Type
DELETE:	3166		North Star Lxing	Camurra - Boggabilla	747.055	Road	Private	Stop Signs
REPLACE WITH:	3168	743	Tikitere Private Access Lxing	Camurra - Boggabilla	747.052	Road	Private	Half Boom Flashing Lights Axle Counter

<u>3.17 Murgo (MGO)</u>	
ADD: <i>Under a new subheading.</i>	Private Access Tikitere North Level Crossing Type F flashing lights, audible warning device and booms are provided at the Private Access level crossing at 747.052km. The warning equipment is automatically controlled by axle counters for both Up and Down Rail Traffic. A manual operation switch for use by Competent Workers is located on the outside of the Level Crossing Signal Equipment Room (SER) and is to be operated in accordance with ARTC Network Rules and Procedures. The manual operation switch box is unlocked by SL key, and the box MUST be kept closed and secured by an SL lock when not in use. Emergency Switches for the isolation of the level crossing warning equipment are also located on the outside of the SER. The Emergency Keys are held at the ARTC Provisioning Centre at Narrabri.
AMEND:	Murgo - North Star NIB-T0712 Line Diagram

A copy of the updated Drivers Diagram for the location of the level crossing is provided as an attachment to this SAFE notice.

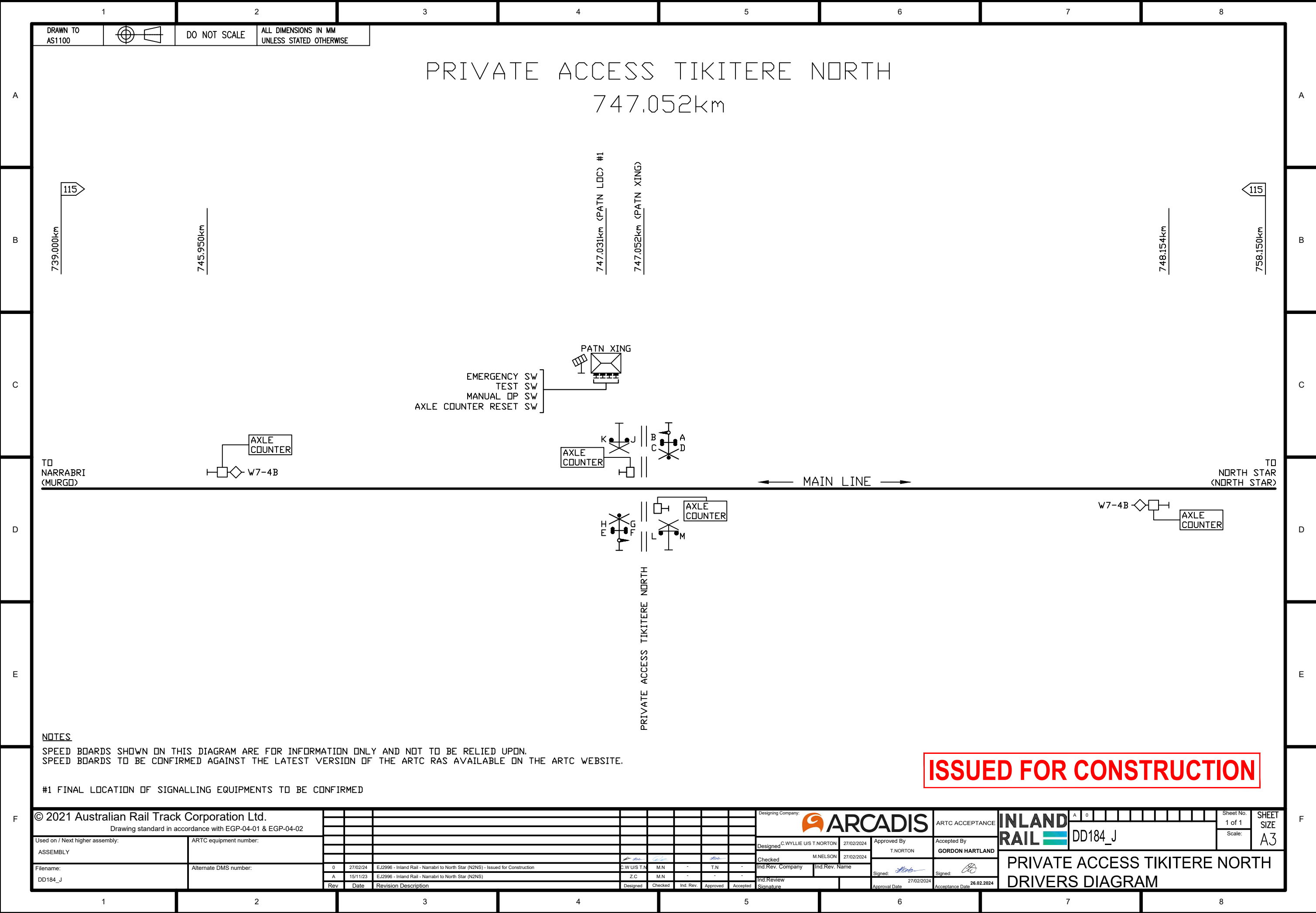
Recipients must ensure this Notice is circulated to and understood by all personnel affected by, or needing to know, its content. This Notice must be issued to all affected Competent Workers. Competent Workers who receive this Notice must follow the requirements.

CONTACTS

Peter Borrelli	N2NS Inland Rail Project Director	0407254363
----------------	-----------------------------------	------------

APPROVED BY

Delivery Support Manager, Network Control Centre North	17/02/2026
---	------------



ISSUED FOR CONSTRUCTION