INLAND RAIL

Beveridge to Albury - Tranche 1

‘Meet the preferred contractor’ supplier briefing

September 2022

ACKNOWLEDGEMENT OF COUNTRY

Inland Rail would like to acknowledge that we are on Taungurung Country.

We hereby express our respect for the Taungurung people, who are the Traditional Owners of the land on which we are meeting. We pay our respects to their Elders past, present and emerging, for they hold forever the memories, traditions, culture and hopes of all Taungurung people. We express our gratitude for the sharing of this land, our sorrow for the personal, spiritual and cultural costs of that sharing and our hope that we can walk forward together in harmony and the spirit of reconciliation.

Journey artwork created by Elenore Binge, proud Goomeroi / Kamilaroi woman

HOUSEKEEPING

PRESENTATION OVERVIEW

Formal welcome

– Stuart Locke, President, Go Seymour

Inland Rail Program and Tottenham to Albury Project overview

– Ed Walker, General Manager, ARTC

Beveridge to Albury - Tranche 1 overview

– Tom Foley, Project Manager – Inland Rail T2A, McConnell Dowell (MCD)

Industry Capability Network (ICN)

– Grant Jennings, Customer Products and Services Executive Manager, ICN Victoria

Q & A

01

INLAND RAIL PROGRAM AND TOTTENHAM TO ALBURY PROJECT UPDATE

Ed Walker

General Manager, ARTC

September 2022

PROGRAM OVERVIEW

Creating a new reality for Australia and a more prosperous nation

Connecting Australia into a faster, safer, more reliable freight rail network

CUSTOMER REQUIREMENTS

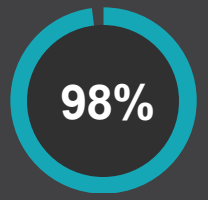
CONNECTED

FAST + SAFE

- Straight and flat

RELIABLE

- Market demand



Reliability matching that of trucks

COST EFFECTIVE

- 35% From year one
- 43% From 2049/50

Cost reduction compared to road (from year one)

THE BENEFITS OF INLAND RAIL

Meets Australia's freight challenge

- Enhances network connections
- Reduces congestion on the current coastal line
- 33-hour travel time Melbourne to Brisbane reduced to <24 hours

Creates a modal shift

Safer roads

Less road congestion

Lower costs

Fewer carbon emissions

Stimulates the economy

Creates 21,500 jobs

Generates new economic opportunities + $18 billion boost to GDP

CURRENT STATE OF PLAY

INLAND RAIL PROCUREMENT STATUS

Projects in procurement

- T2A
- A2I
- I2S
- S2P
- Southern works program (N2N)
- Central works program (N2NS P2, NS2B)
- Northern works program (B2G)
- Rail corridor program
- PPP (G2H, H2C and C2K)

Operational

- P2N

Projects in construction

- N2NS Phase 1

Projects yet to be procured

- K2ARB

A MAJOR BOOST FOR VICTORIA

MORE THAN
$18B GDP*

21,500 DIRECT AND INDIRECT JOBS
at the peak of construction*

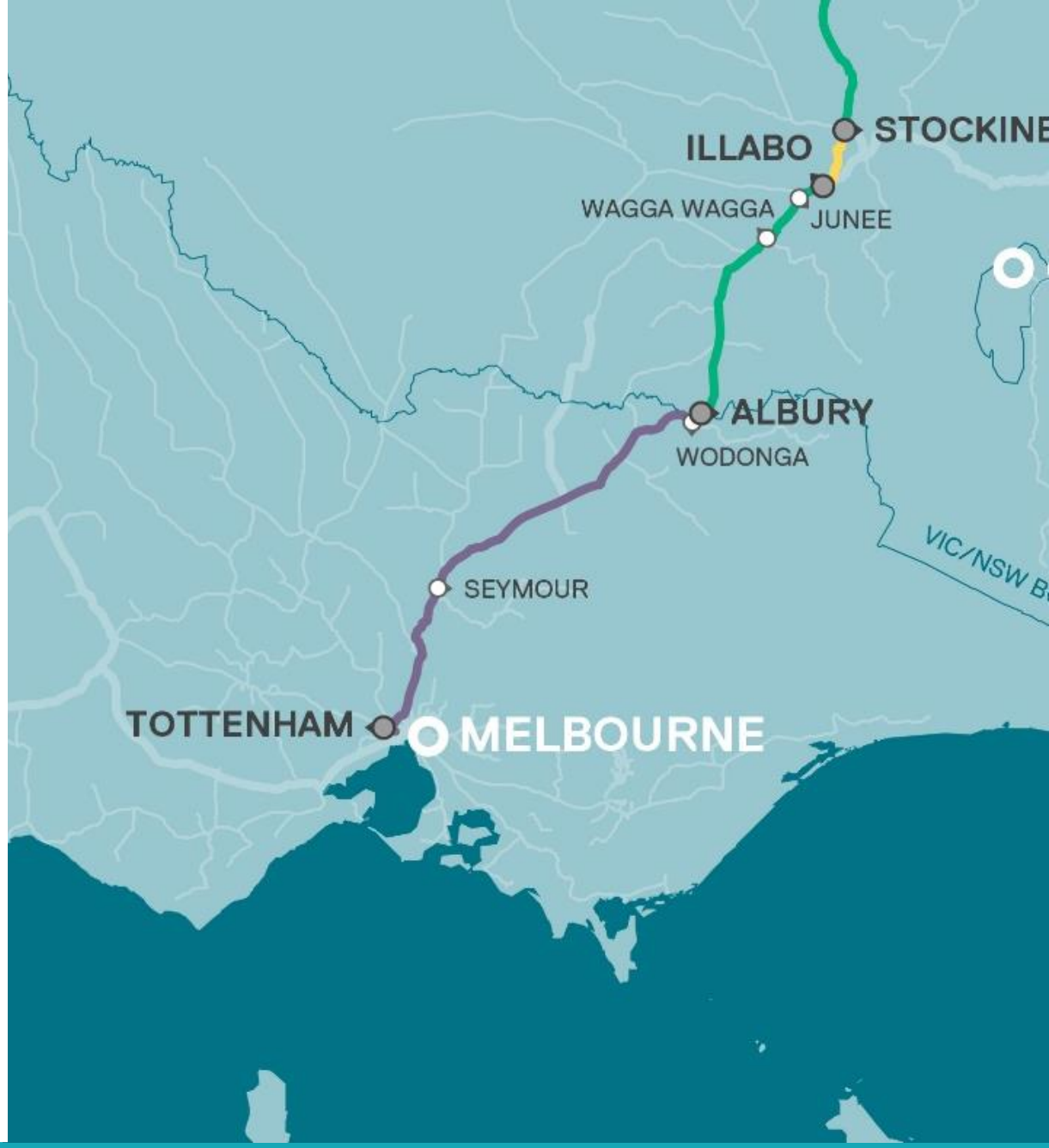
$8B
GSP FOR VIC

1,100
JOBS FOR VIC

* Revised analysis by PricewaterhouseCoopers December 2020

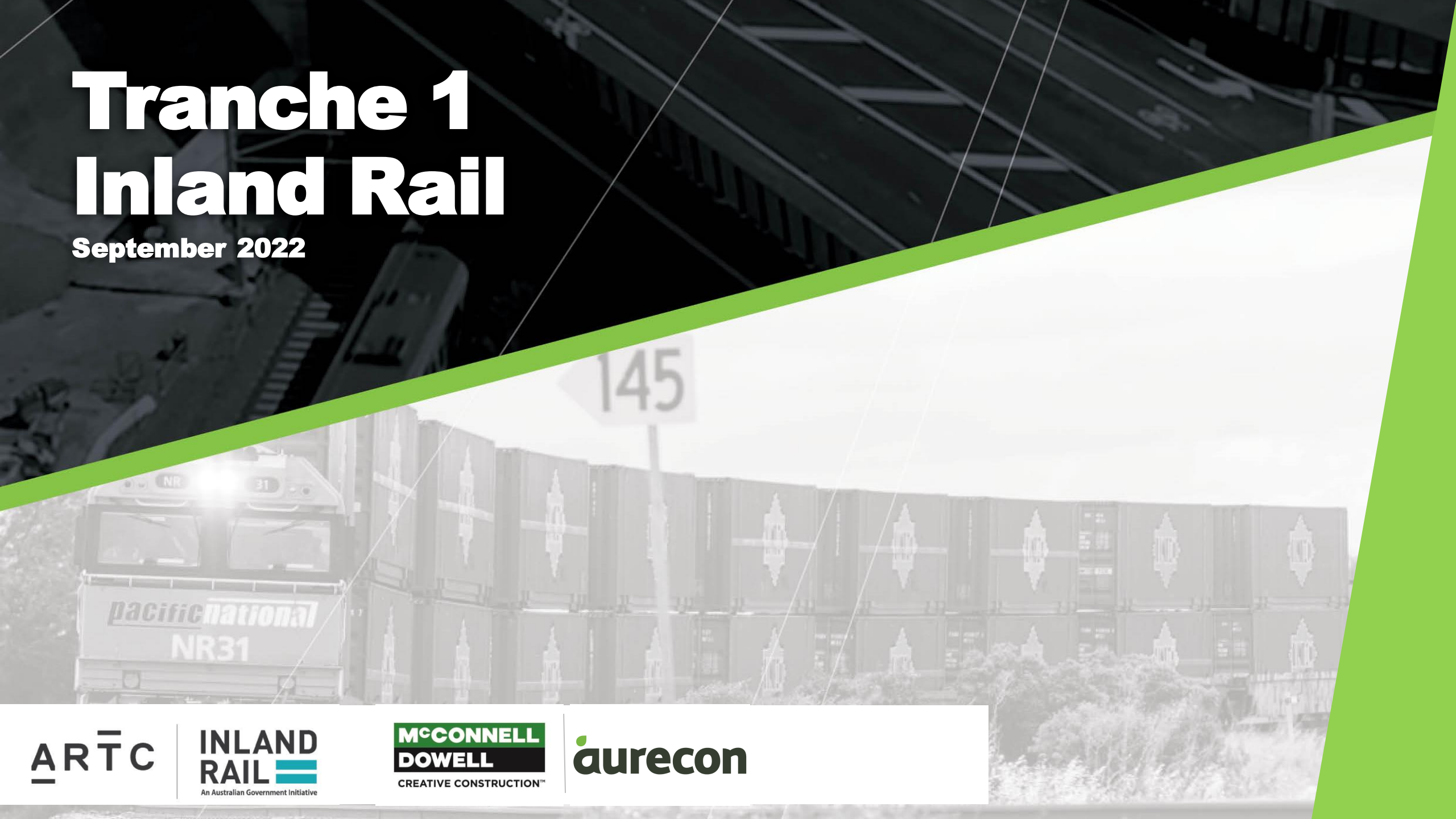
VICTORIA

- Tottenham to Albury – 305km track upgrade delivered in two phase:
  - Phase 1: Beveridge to Albury – major construction to begin late 2022/early 2023
    - Delivered in two tranches
  - Phase 2: Metropolitan Melbourne – on hold depending decisions about intermodal terminals in Melbourne
- Community consultation ongoing
- McConnell Dowell engaged to commence early delivery activities for Phase 1 Tranche 1
- Approvals process on track for late 2022 completion
- Construction to commence early 2023



Tranche 1 Inland Rail

September 2022



ARTC | INLAND RAIL An Australian Government Initiative | McCONNELL DOWELL CREATIVE CONSTRUCTION™ | aurecon

McConnell Dowell is Creative Construction

McConnell Dowell was formed in 1961 by two young entrepreneurial New Zealand engineers who valued smart engineering and construction.

60 years later and McConnell Dowell has continued to grow with teams in Australia, New Zealand and Asia offering our customers innovative solutions on complex projects.

We successfully deliver complex infrastructure with our customers and the community.

Transport
Road, rail, bridges, tunnels and airports

Marine & Coastal
Ports, jetties, wharves, sand pumping, freight & passenger terminals and seawalls

Water & Wastewater
Storage (tanks & dams), treatment, distribution, intakes and outfalls

Energy
Hydro, geothermal, solar, wind and future fuels (hydrogen)

Resources
Oil & gas, mining & metals and petrochemical

Building
Commercial, community & sport, health, infrastructure and industrial

Our Values

SAFETY & CARE
HONESTY & INTEGRITY
CUSTOMER FOCUS
WORKING TOGETHER
PERFORMANCE EXCELLENCE

Regional project delivery experience

South Geelong to Waurn Ponds rail duplication

- 8km of track duplication and signaling upgrades
- Two level crossing removals using rail bridges
- Two new stations

Completion target for late 2024

Echuca Moama bridge

- New bridges spanning the Murray and Campaspe rivers
- 4.5km of new shared pathways
- Creative design to streamline construction and reduce costs

Healesville – Koo Wee Rup Road upgrade

- Two extra traffic lanes
- New bridge over deep creek
- Two new roundabouts
- Shared user path

Meet the team

Project scope

4 Enhancement Sites:

Murray Valley Highway, Barnawartha North

Beaconsfield Parade, Glenrowan

Wangaratta Precinct

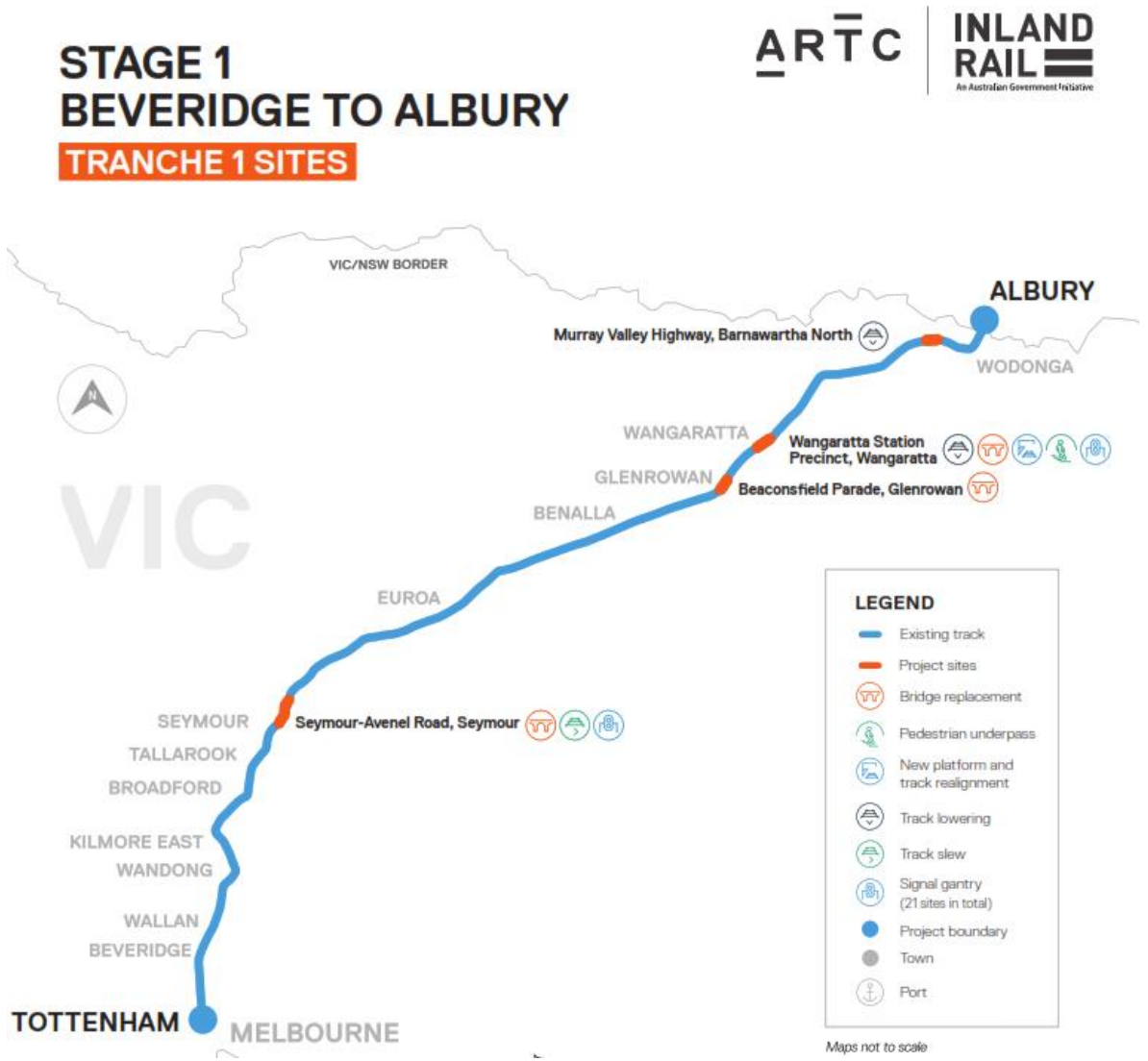
Seymour-Avenel Road

Corridor Wide Works:

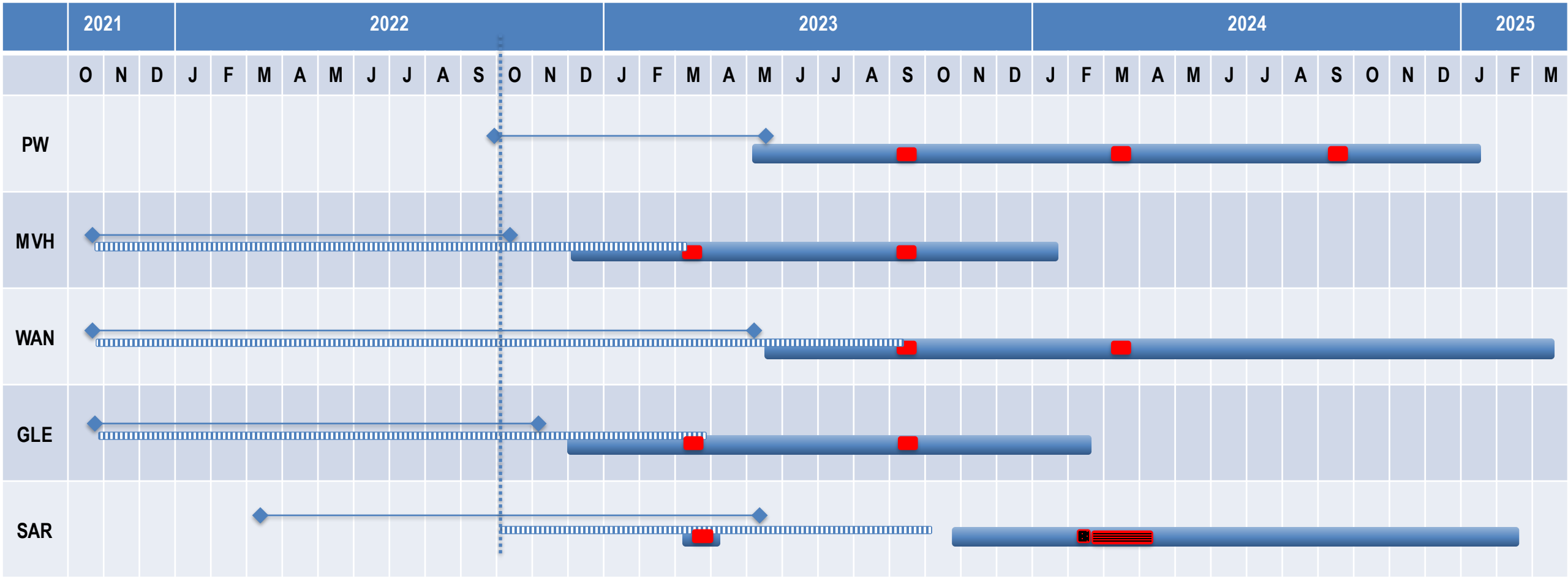
Track Slew

Signalling Equipment Relocations

Overhead Powerline Relocations/Raising



Project timeline



Design Start and Finish Dates – EDA Offer – Jul 22

Utility Works Start and Finish Dates – EDA Offer – Jul 22

Construction Start and Finish Dates – EDA Offer – Jul 22

Main Occupation – EDA Offer – Jul 22

8 and 16 Days V/Line Occo – EDA Offer – Jul 22

52 No. V/Line ALBFs – EDA Offer – Jul 22

Utility Relocation

Utilities to be Relocated

Telstra – Under Track x3

Town Water – Under Tracks x3

Town Water – Town Mains approx. 1000m

Town Sewer – 80m PVC pipe, 6x Sewer pits

HV Power – Under Tracks

HV Power – New Power Pole and House connections

VLine Communication – Under Tracks

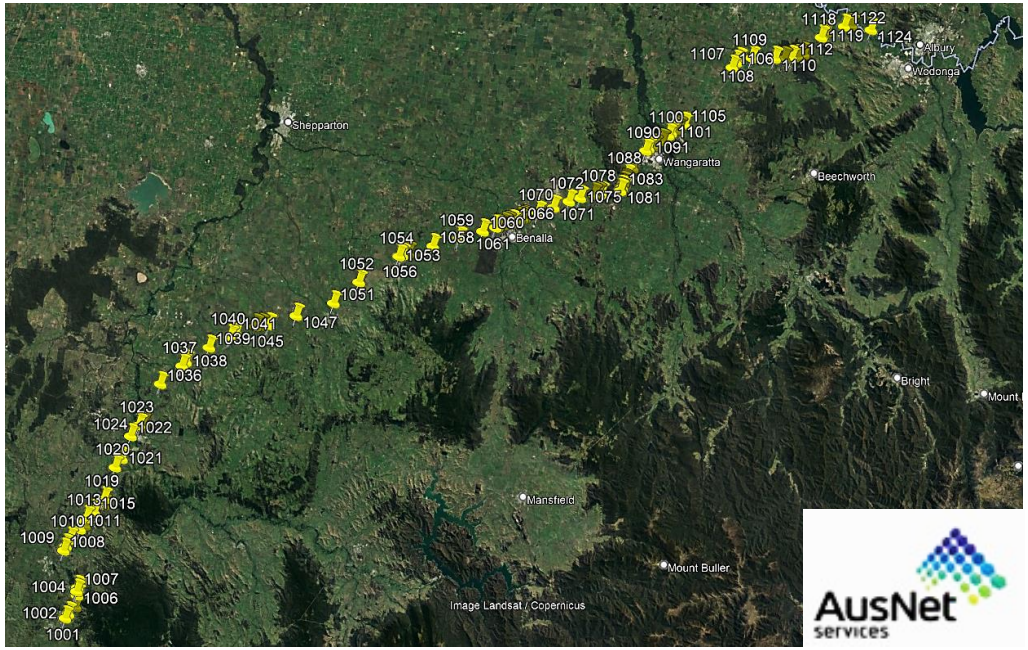
Utility Type	Electrical	Gas	Sewer	Telecom	Water	Total
Decommission without replacement	1	0	0	0	2	3
Leave in situ - Monitor	0	0	4	3	0	7
Leave in situ – No works	10	3	3	21	12	49
Not assessed	3	0	1	0	1	5
Protection	0	0	0	1	0	1
Minor adjustment	0	0	1	0	3	4
Relocation	5	1	1	13	6	26
Grand Total	19	4	10	38	24	95

Glenrowan Utility Relocation Overview

Corridor Wide Works – 42km to 301Km

OVERHEAD UTILITIES

- LV & HV Distribution overhead wires and poles (LV, 12.7kV, 22kV, and 66kV).
- Overhead telecommunications cables & Signalling
- Treatments: Remove, Relocation, Upgrade, Underbore.
- 71 x Pole Replacements
- 30 x Overhead Relocations
- 34 x Underground Relocations
- **<u>118 Sites Total</u>**



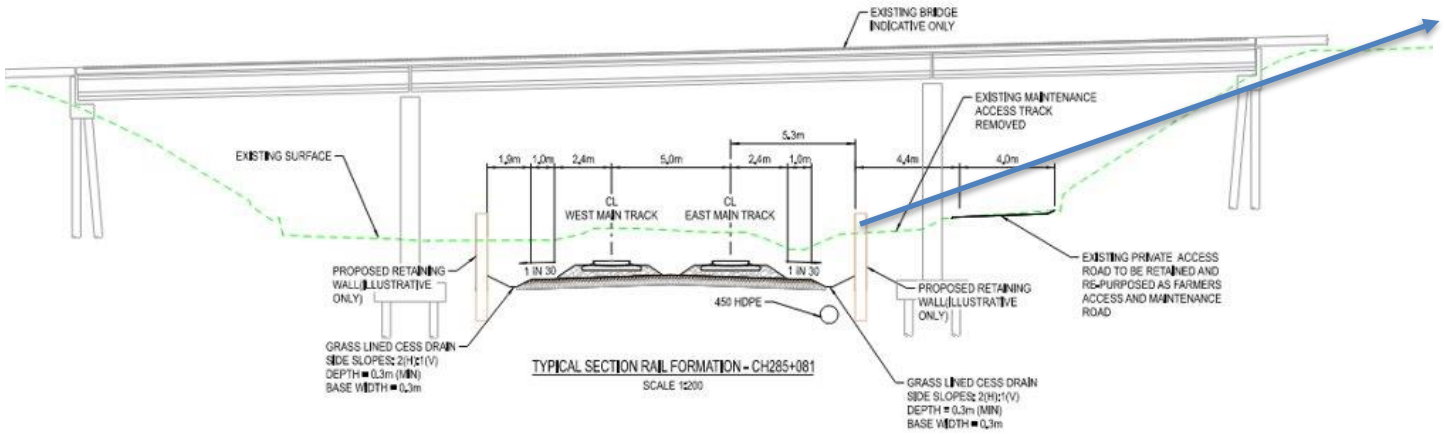
TRACK SLEW

- Track slew of ~ 4km
- Treatments: Combination of slews <100mm, btw 100mm-300mm & >300mm

SIGNALLING

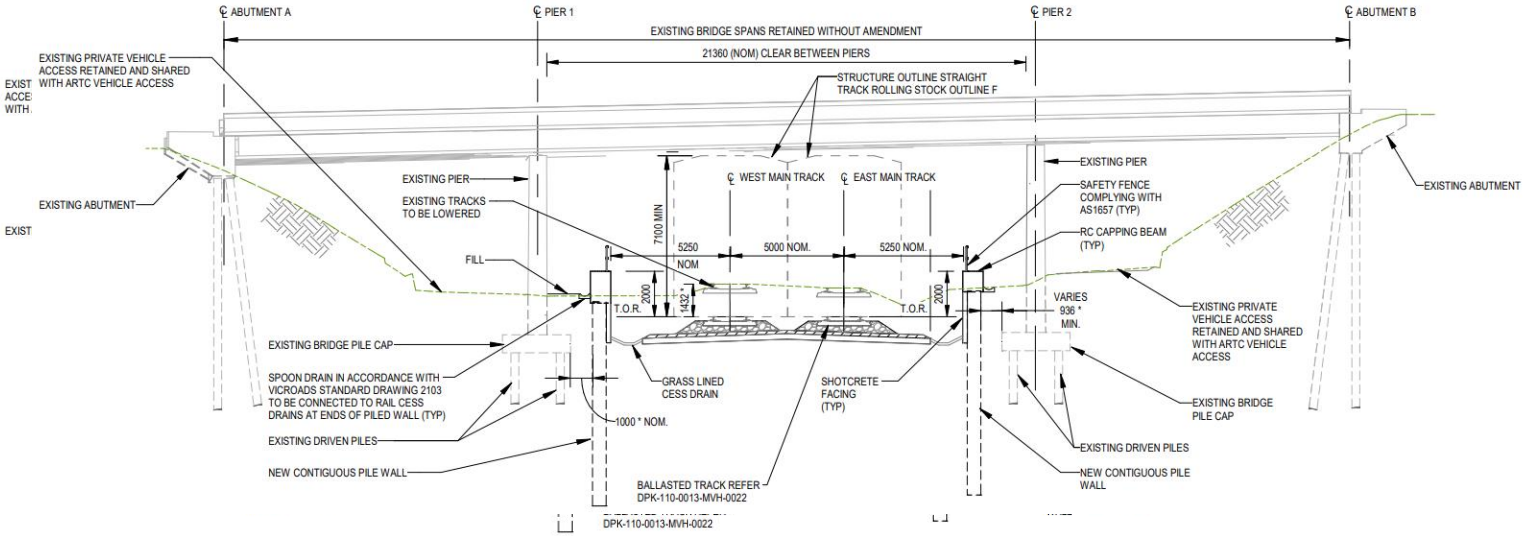
- 11x Signals
- Treatments: Upgrade, replace or remove.

Murray Valley Highway



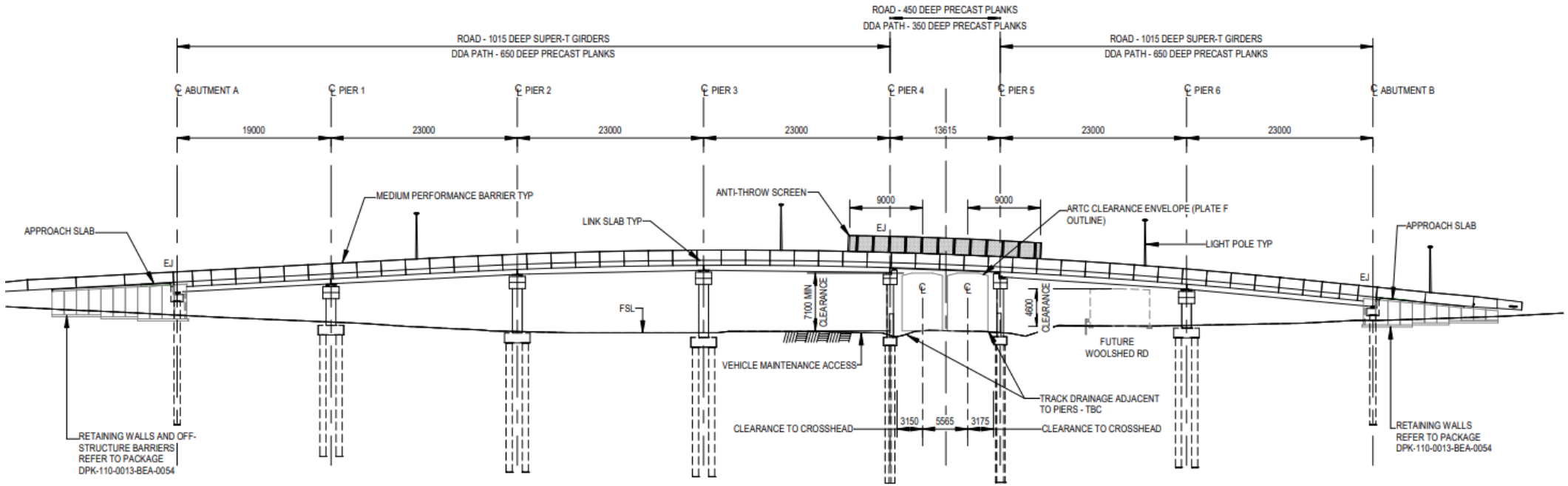
Bridge Collision Protection Walls

Description	Qty
RCP pipes	200 lm
CSR Signaling	550 lm
600mm diameter piles	82 ea
Swale drains	1200 lm
Beaching rock	100 m3
Clay backfill	600 m3
Track to be lowered	463 lm



Track Lowering

Glenrowan



Description	Qty
Drainage Pipes	820 lm
Pavement	6,200 m2
Piles	66 No
Bridge abutments	2 No
Piers	6 No

Description	Qty
Precast planks	27 No
Super-t girders	24 No
Deck concrete	1900m3
Throw screens	400 lm
Deflection Walls	4 No

[redacted]

Glenrowan Beaconsfield Parade bridge

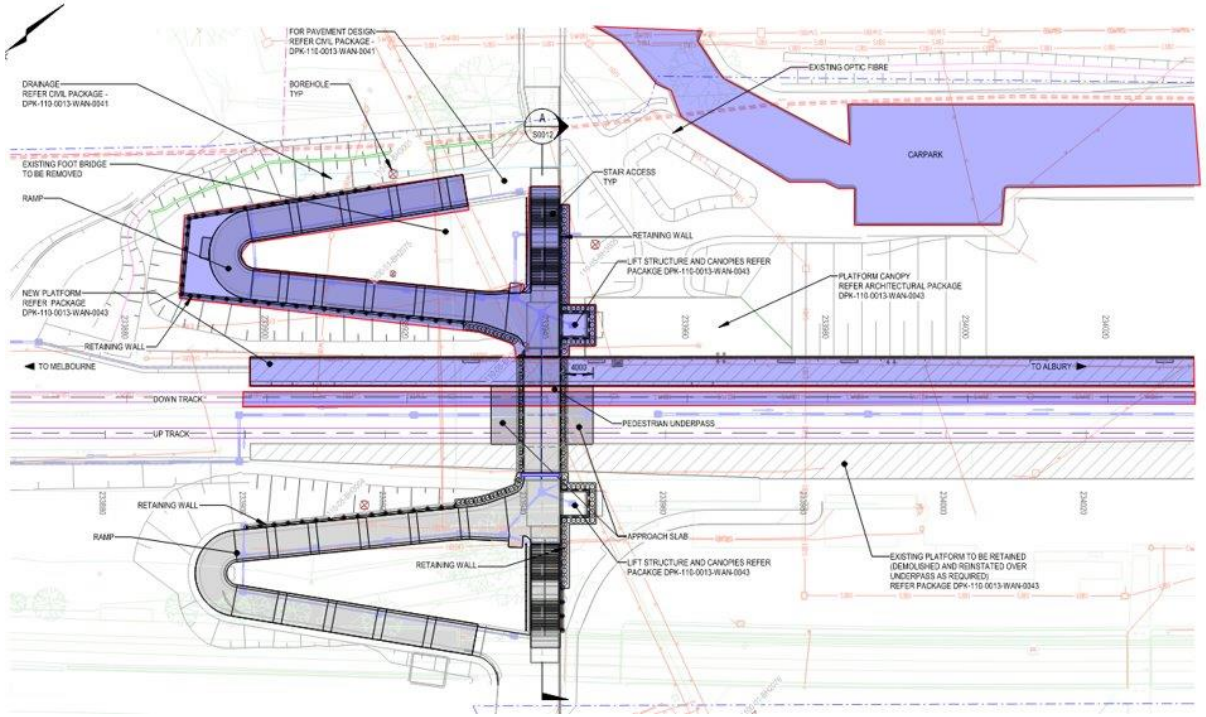
3D fly-through

Note: Artist impression. Trees and plantings indicative

[redacted]

Wangaratta – Station Precinct

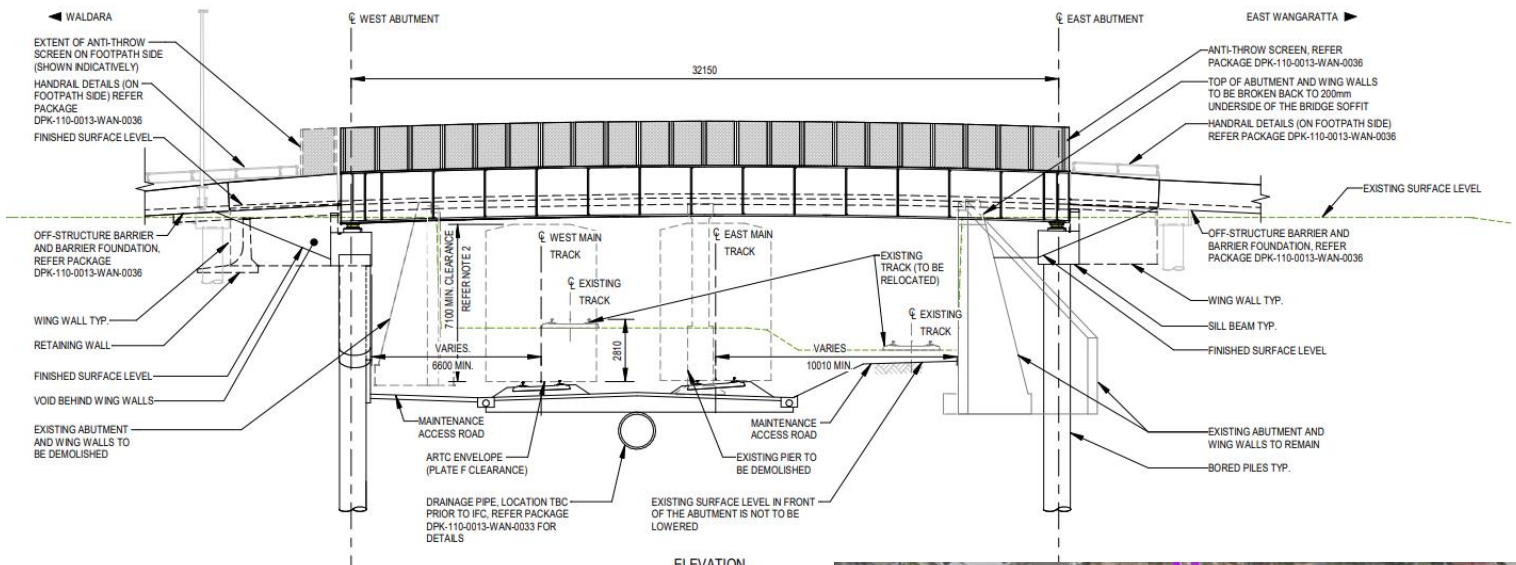
Construction of:
Platform & Carpark
Ramp & Stairs for underpass
Lift Shaft



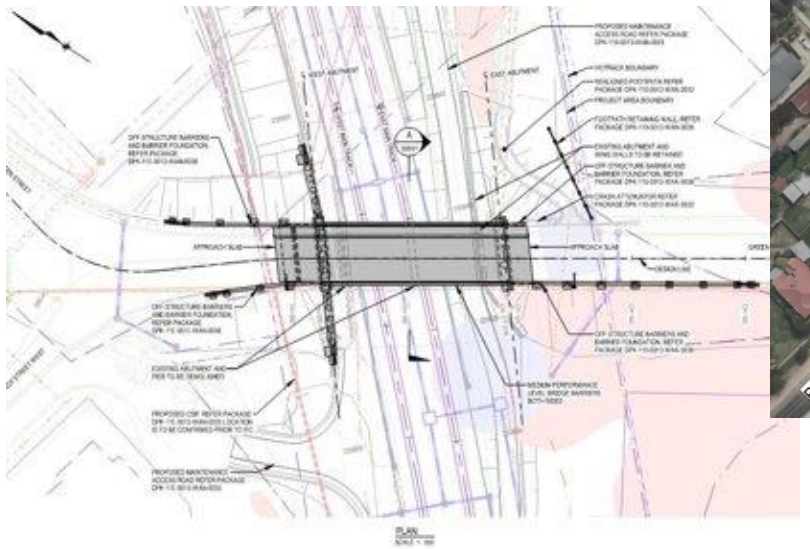
	Number	Area (m2)	Volume (m3)
Bored & CFA Piles			
RW1 bored pile	52	-	132.45
RW2 bored pile	25	-	85.61
RW3 bored pile	27	-	128.47
RW4 bored pile	27	-	128.47
Capping beams	-	33	33
Retaining wall panel	-	-	App 400
250 thk Bottom Slab	-	92.97	-
200 thk precast panels with 300 thk in-situ topping	-	127.27	-

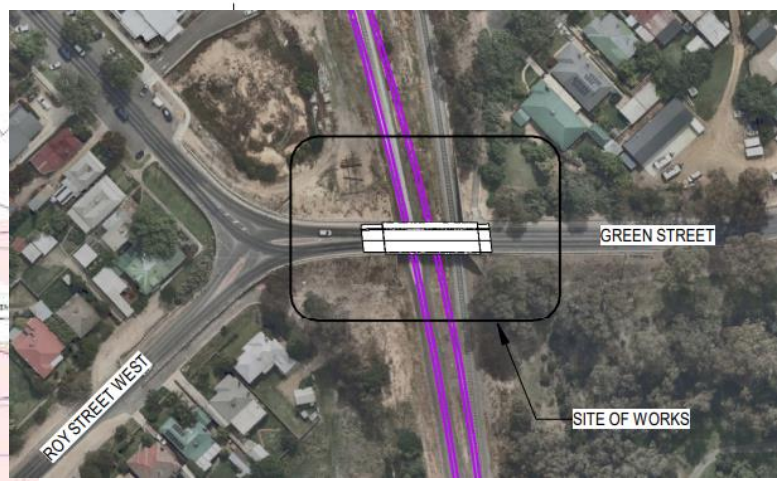

and incorporates 22 new car parking spaces,

Wangaratta – Green Street Bridge



ELEVATION
SCALE 1 : 200





East Abutment

	Number	Area (m2)	Volume (m3)
Bored Piles	4	-	92.74
Wing Walls	2	20.58	8.23
Fender Wall	-	8.75	3.5
Bearing Pedestal	2	1.10	0.17
50 THK Blinding Concrete TYP	-	57	2.85

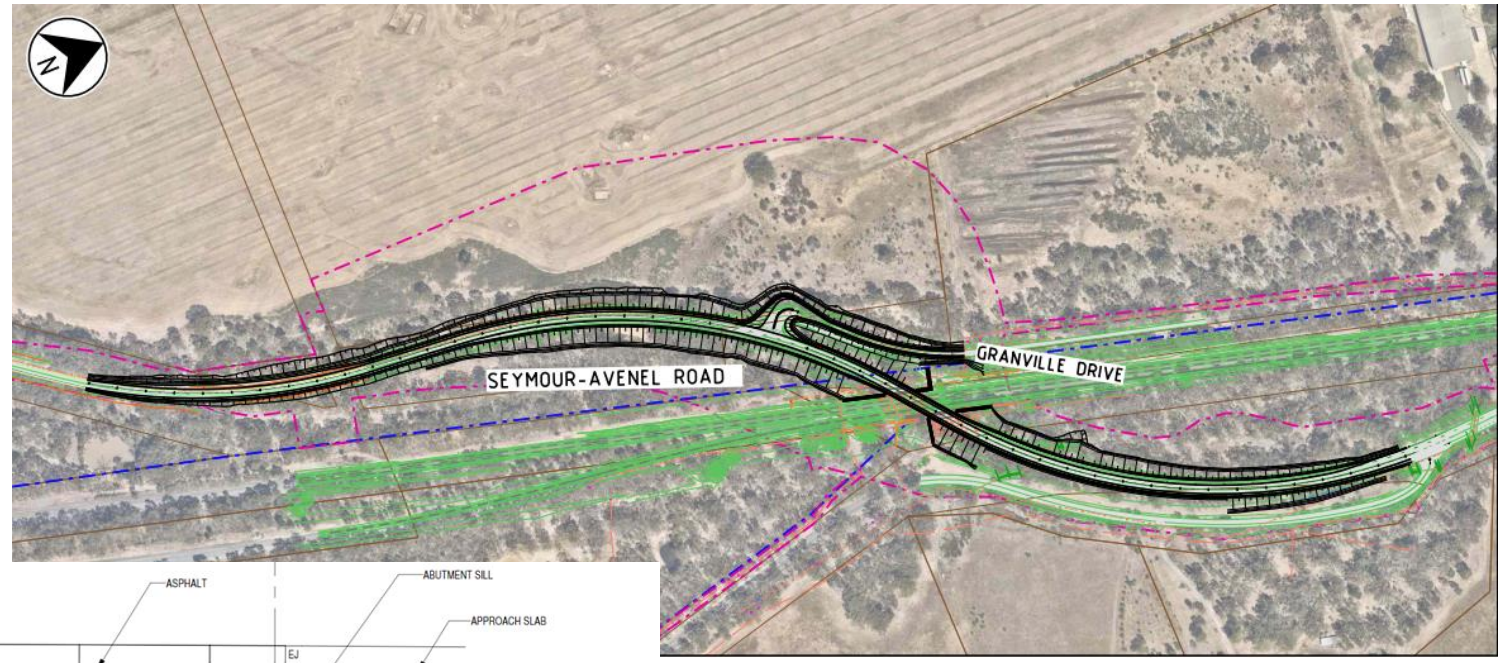
West Abutment

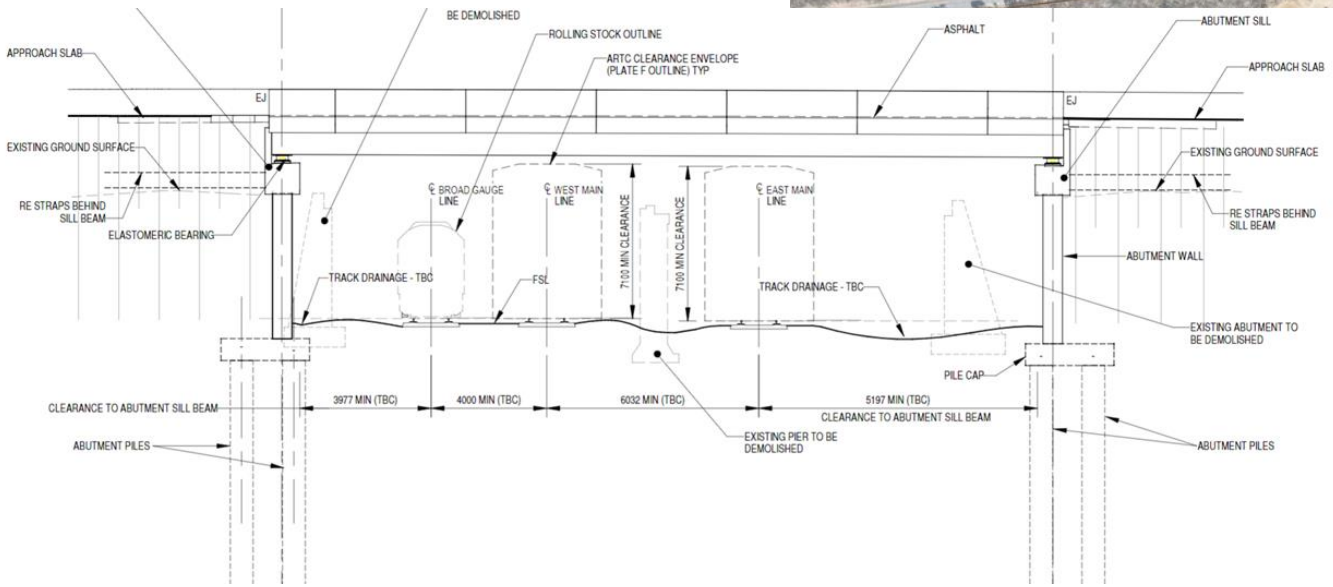
	Number	Area (m2)	Volume (m3)
Bored Piles	17	-	250.23
Wing Walls	2	25.04	10
Fender Wall	-	6.60	2.30
Bearing Pedestal	2	1.10	0.17
50 THK Blinding Concrete TYP	-	67.29	3.36
Shotcrete Wall		158.35	60.58
Retaining Wall	4	-	5

Drainage Pipe

Total length (m)	2977.50

Seymour





Key Facts

	Number
Drainage Pipes	600lm
Cess Drains and Contrete Drains	2,400lm
Import Earthworks Material	80,000m3
MP barriers	400lm
Bored Piles	50no
Super T Beams	7no
RE Walls	700m2
FRP works (capping beams, blade walls, bridge deck, abutment structure	500m3

Indicative opportunities for local and indigenous businesses

- Access equipment hire / rental services
- Asbestos removal
- Concrete cutting
- Concrete supply
- Contamination testing
- Demolition works
- Design services – temporary works
- Dilapidation surveys
- Drainage
- Early utility relocations
- Earthworks
- Electrical works – stations and other
- Electrical subcontracts (HV, LV, power connection facility)
- Feature survey
- Form, Reo, Pour (FRP) bridge works
- Geotechnical investigations
- Geotechnical testing
- Jet grouting
- Labour hire
- Non-destructive digging / Ground penetrating radar
- Non-contestable utility relocations
- Piling services
- Plant hire (wet and dry)
- Quarry materials
- Rail safeworking
- Retaining walls – concrete
- Scaffolding
- Signage (temporary and permanent)
- Signalling support services
- Site establishment
- Site offices and ablution facilities
- Soil nailing
- Street sweeping
- Survey
- Traffic management
- Temporary fencing
- Temporary traffic barriers
- Waste disposal and cartage

EOI packages released → Register interest within ICN → RFQ issued → Selection process

Next steps

STEPS	PROCESS	DESCRIPTION
STEP 1	**Registration of Interest (ROI)**	Prospective subcontractors / suppliers are encouraged to: - create a company profile on ICN Gateway, and - register their interest in work packages communicated on ICN Gateway.
STEP 2	**Evaluation of ROI**	McConnell Dowell evaluate responses to work package expressions of interest questionnaires to determine the prospective subcontractors / suppliers suitability to advance in the procurement process.
STEP 3	**Shortlisting**	McConnell Dowell develop a list of potentially suitable subcontractors / suppliers. Subcontractors / suppliers selected to progress to prequalification will be required to sign a confidentiality agreement.
STEP 4	**Prequalification**	Businesses selected to prequalify will be required to provide further information to determine suitability for inclusion on the bidders list.
STEP 5	**Request for Quote / Proposal / Tender**	Businesses chosen to participate in this stage of the process will be provided Request for Quote (RFQ), Request for Proposal (RFP) or Request for Tender (RFT) documentation.
STEP 6	**Evaluation**	Based on responses to RFQ / RFP / RFT McConnell Dowell's procurement team will determine which business is recommended for contract award.
STEP 7	**Award**	Successful subcontractors / suppliers will be required to enter into a contractual arrangement with McConnell Dowell prior to commencing any work.

Environmental considerations

We're working in some exciting but environmentally sensitive areas. Some key environmental considerations are:

Noise and Vibration:

- *Our works have potential to cause nuisance noise and vibration – we need to be respectful of our communities.*

Flora and Fauna

- *Changes to the current native vegetation due to works – we need to minimise impact where possible and stick to clearing limits*

Demands on water

- *Construction will require water. We need to be sensible in our water use and source non-potable water where possible.*

SUSTAINABILITY FUNDAMENTALS

We act today with the future in mind. We do this with the objective of avoiding and mitigating harm to the environment, contributing to and enhancing the resilience of the communities in which we operate, and creating shared value for our customers and our people. Infrastructure Sustainability is infrastructure that is designed, constructed and operated to optimise social, economic and environmental outcomes for the long term.

Implementation of the following Sustainability Fundamentals helps deliver on our Sustainability commitments within our McConnell Dowell Policy and Group Sustainability Strategy.

1. **Leadership**
   - Strong and committed leadership toward sustainability by all Senior Leaders within our organisation
   - Share sustainability learnings within and outside the business
   - Sustainability risks and opportunities are assessed at project management level
2. **Sustainable Procurement**
   - Sustainability is considered in procurement of goods and services
   - Support circular economy principles by purchasing recycled first
   - Goods and services are procured locally and ethically
3. **Reduce our Carbon Footprint**
   - Use the most efficient plant and equipment when undertaking works
   - Consider use of renewable energy
   - Explore opportunities to reduce our embodied carbon in the materials we use to construct the asset
4. **Diversity and Inclusive Workforce**
   - Implement our Diversity and Inclusion Policy
   - Diversity and Inclusion Training conducted across all projects
5. **Target Zero Waste**
   - Aim to divert greater than 90% non-hazardous waste from landfill
   - Adhere to the waste management hierarchy
   - Minimise waste stream contamination to ensure successful recycling
6. **Lasting Positive Legacies (Proving a Better Life)**
   - Beyond the asset being built, consider implementation of other positive legacies (social or environmental) that add value to the communities in which we operate
   - Local employment, upskilling, traineeship opportunities should be maximised
7. **Good Neighbours**
   - Keep the community informed of the project in a timely and transparent manner
   - Learn about the community's priority issues and pursue initiatives that support the community
   - Implement our Stakeholder Golden Rules
8. **Environmental Protection**
   - Implement best practice measures to mitigate environmental impacts
   - Investigate opportunities to enhance environmental outcomes where feasible
   - Implement our Environmental Green Rules
9. **Water Wise**
   - Implement initiatives to reduce potable water consumption
   - Explore options to use non-potable water
10. **Resilience and Innovation**
    - Infrastructure is built to be resilient for future generations, including climate change projections
    - Live by our Creative Construction motto and continue to challenge the status quo and innovate

McCONNELL DOWELL CREATIVE CONSTRUCTION™

ENVIRONMENTAL GREEN RULES

These rules are in place to minimise our impact on the natural environment and local community. They MUST be followed at all times. Any issues can be discussed with your environmental team at any time.

1. **Spills**
   Spill kits appropriate for the location must be fully stocked, ready and available for use near all work fronts. Report and clean up any spills.
2. **Soil & Erosion**
   Erosion and sediment controls must be in place before starting clearing or earthworks (or as soon as practical within the same shift) and stay in place (and maintained) until area is stabilised.
3. **Plant & Equipment**
   Conduct premobilisation- and pre-start inspections each shift on all plant and equipment. Make sure drip trays or bunds are used for all stationary plant where practical. Refuelling must be carried out under supervised and controlled conditions.
4. **Water & Wastewater**
   Make sure all waters are protected and know where nearby sumps drain to. No discharge to occur offsite unless it is within allowable limits and a water discharge permit is in place.
5. **Archaeology & Heritage**
   Ensure all known heritage items are fully protected. Stop works, protect and notify immediately where a potential heritage site or object is found.
6. **Noise & Vibration**
   Know where the nearest neighbours and sensitive receptors are. Keep loud and ongoing noise to a minimum, and get permission to work outside of normal hours. Minimise vibration intensive activities where possible.
7. **Hazardous Materials**
   Store hazardous substances in a secure bunded and segregated area. Return them after use and understand the SDS requirements. Any decanting must be carried out over a bunded area, and the containers must be properly labelled.
8. **Dust & Emissions**
   Make sure no dust, smoke or odour leaves the site boundaries - notify immediately if it does occur. Reduce emissions from plant and equipment by turning them off when not in use.
9. **Fauna & Flora**
   Do not harm or kill animals. Protect all vegetation unless there is a vegetation disturbance permit in place. Prevent the spread or introduction of weeds, pests and diseases.
10. **Waste and Recycling**
    Think about what you can reuse or recycle before disposing of it. Place waste in the correct bins and notify if recycling is not available. Use recycled water or materials where possible and permitted.

McCONNELL DOWELL CREATIVE CONSTRUCTION™

Heritage considerations

We're going to be working in areas with strong Australian heritage, both cultural and colonial.

To ensure we're respectful of heritage we will:

- Deliver Heritage Inductions for all workers
- Restrict access and activities in some areas
- Have in place a clear 'Unexpected finds' process
- Keep our contractors aware of any requirements, permits or other conditions they need to run their business.

Because of the importance of some of the sites, there will be inspections from authorities.

How do we want

Communities

to view us before, during and after construction

Green Street, Wangaratta

Close Road / Detour Traffic
Demolish Existing Bridge
Build New Bridge

WHO IS HAPPIER?

Let's keep in touch and have great communication throughout construction lifecycle

We will respond to your issues quickly

We will treat you with kindness and respect

We minimised construction impacts wherever possible

Mrs Smith - Roy Street, Wangaratta

LOVES: GARDENING AND LOOKING AFTER HER GRANDKIDS

WHO IS HAPPIER?

We parked our construction vehicles in his driveway

We didnt tell him we were working at night

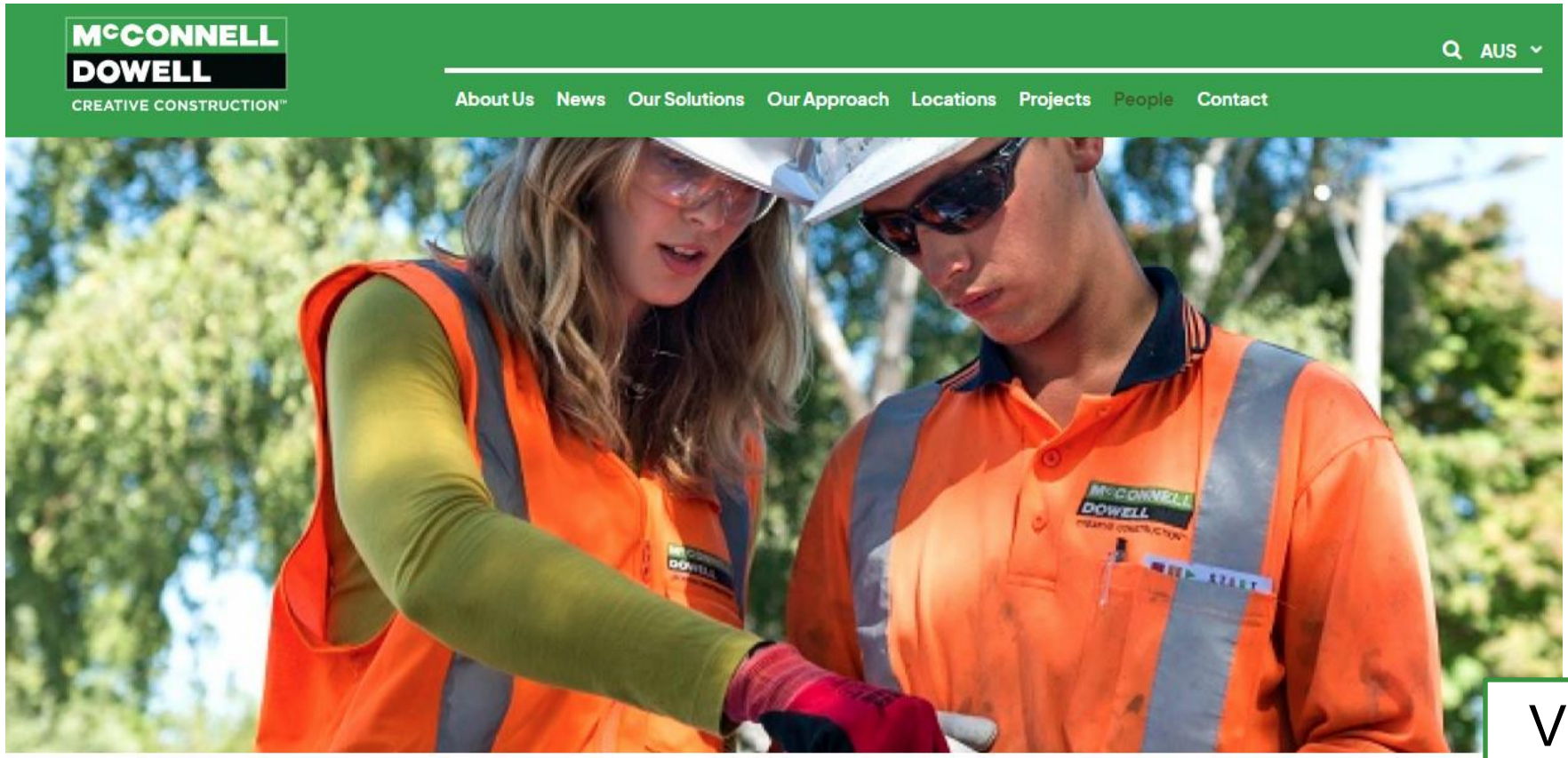
We parked our lighting tower on his front lawn

We damaged his post box during construction

Mr Wrinkles - Norton Street, Wangaratta

LOVES: FIXING HIS CAR ON A WEEKEND AND SLEEPING IN WITHOUT THE NOISE OF CONSTRUCTION TEAMS BOTHERING HIM

Working with us



www.mcconnelldowell.com

People > Career Opportunities

Visit our Careers page or email Andrew Collier, HR Manager

andrew.collier@mcdgroup.com

Career Opportunities

If you'd love a career with a business that appreciates the unique capabilities and perspectives of each employee, and which values the safety and well-being of its people and the environment, then check out our many opportunities below.

Home without Harm

McConnell Dowell's Golden Rules are non-negotiable

Safety is at the forefront of our culture and our principal goal is to achieve our value of '**Home without Harm**'.

Because we care about our people and their safety, The McConnell Dowell Group has developed a set of Golden Rules.
These rules are designed to protect you from serious consequences and must be followed by everyone at all times.

Inland Rail – Beveridge to Albury Tranche 1

Grant Jennings, ICN Victoria

ICN Victoria

1. Who are we / What do we do
2. Local industry engagement
3. Contacts and channels

Helping local win

Who are we and what do we do

ICN Victoria, supported by the Victorian Government, works to maximise local industry engagement and local job opportunities

ICN has been active in Victoria for nearly four decades supporting local industry along with being a trusted government procurement partner, administering the Local Jobs First Policy and supporting the social and sustainable framework

Our aim is to deliver Victorian employment and socioeconomic outcomes and make a difference by engaging local industry and stimulating local connections and jobs

We help local win!

Local impact

- Networking SMEs and project owners
- Connections, work packages, EOIs
- Import replacement
- Local capability data
- Supply Chain mapping/resilience
- Industry innovation

Victorian rail project examples

CASE STUDY

Coleman Rail Shepparton Line Upgrade

Metro Tunnel

Murray Basin Rail Project – Stage 1

Suburban Rail Loop

Work Packages

PREVIOUS PACKAGES

CIVIL

Design Services - Temporary Works
Drainage - Supply Only
Piling Services
Retaining Walls - Concrete

ENABLING

Fencing (Temporary)
Site Establishment
Survey
Site Offices and Ablutions Facilities - Supply and/or Install

MATERIAL

Concrete Supply
Quarry Materials

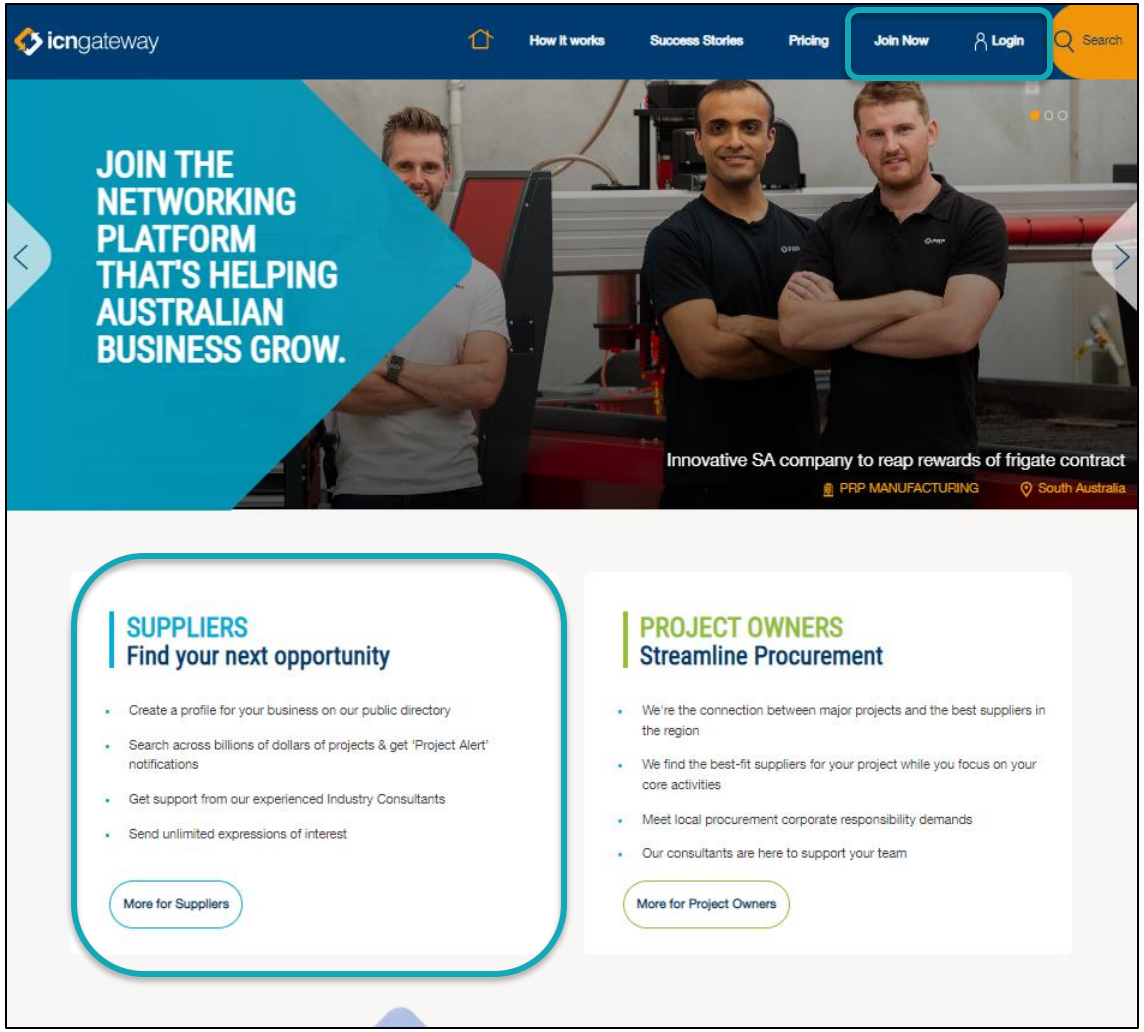
PLANT AND EQUIPMENT

Access Equipment Hire/Rental Services
Plant Hire - Wet and Dry Hire
Signage (Temporary and Permanent)
Street Sweeping
Traffic Barriers (Temporary) - Concrete, Plastic, Steel

MISCELLANEOUS

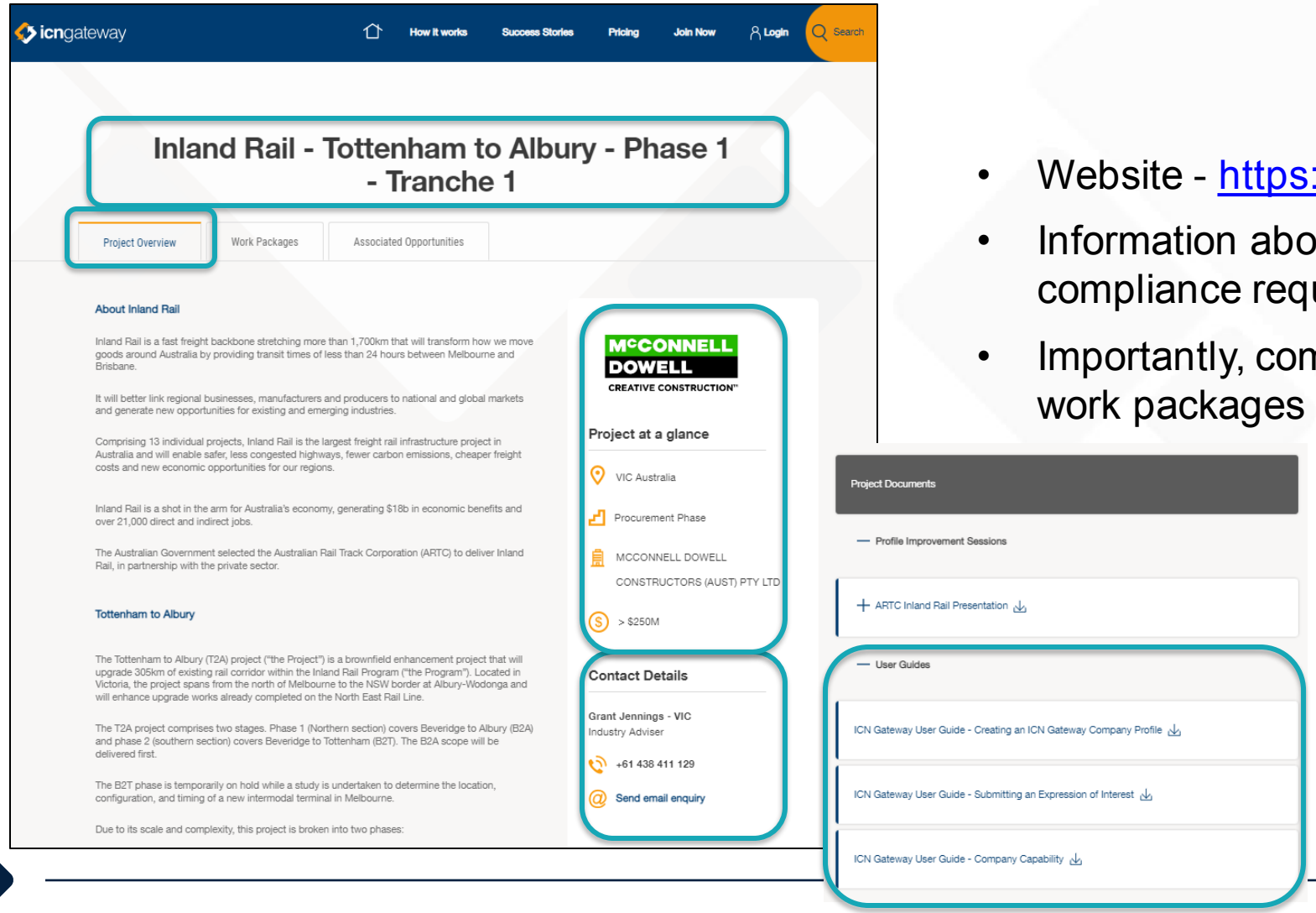
Labour Hire
Rail Safeworking

How to connect – ICN Gateway



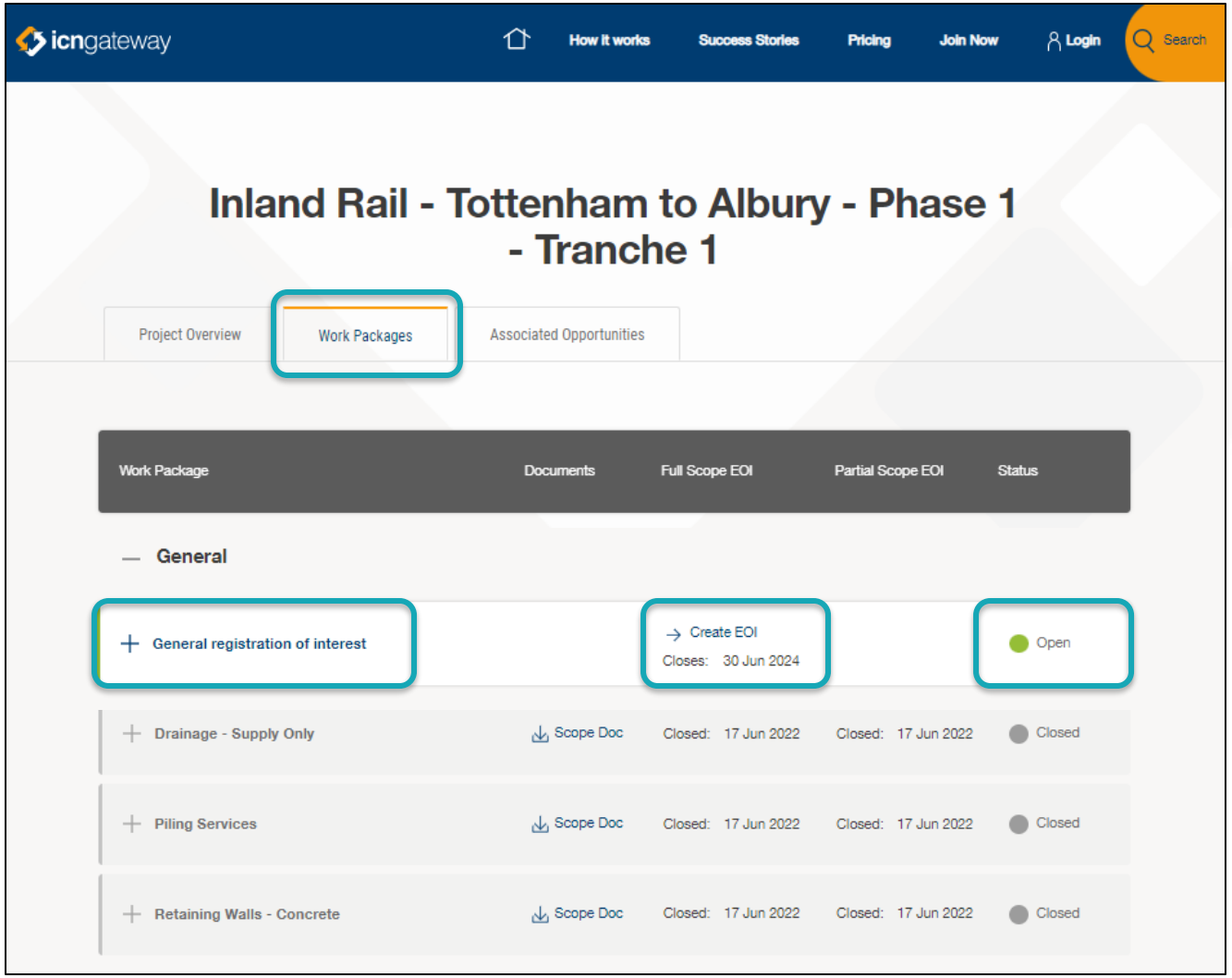
URL:
https://gateway.icn.org.au

How to connect – ICN Gateway



- Website - https://inlandrailt2a.icn.org.au
- Information about the project, contractor and compliance requirements
- Importantly, communicates details for current work packages

How to connect – ICN Gateway



- Select the (+) sign to view additional detail about the work package
- Click 'Create EOI' to register interest
- Prompted to respond to questions
- Registrations of interest provided to ARTC and proponents / contractors
- Contact the ICN consultant listed on the webpage for assistance

Key contacts and channels:

Grant Jennings
Manager – Industry Engagement
gjennings@icnvic.org.au
0438 411 129

@icnvic

icnvic.org.au

ICN
Industry Capability Network

Thank you

Q&A

Supplier enquiries

Email: irsuppliers@artc.com.au

Employment enquiries

Email: irrecruitment@artc.com.au

Community enquiries

For questions about Inland Rail in your area,
call 1800 732 761 or email: inlandrailenquiries@artc.com.au

THANK YOU