

Richmond Road Upgrade – M7 Motorway to Townson Road, Marsden Park



Project overview

December 2025

transport.nsw.gov.au

Transport for NSW acknowledges the traditional custodians of the land, the Dharug People, on which the Richmond Road Upgrade between M7 Motorway and Townson Road, is proposed.

We pay respect to Elders past and present and recognises and celebrates the diversity of Aboriginal peoples and their ongoing cultures and connections to the lands and waters of NSW.

Project need

Richmond Road upgrade between M7 Motorway and Townson Road

- Richmond Road is a key arterial link between Blacktown and Windsor
- Connects the M7 Motorway to new housing and employment precincts in the **North West Growth Area**
- Increased traffic demand due to rapid development

Current challenges

- over 89,000 vehicles travelling daily between Richmond Road and Townson Road
- heavy congestion
- slow travel times and frequent delays



Project benefit: Creating Safer, Faster, and More Connected Journeys

Enhancing existing transport infrastructure, supporting the fast-growing development in the North West Growth Area.

- improved traffic flow and travel times
- improved safety for all road users
- improved connectivity for the communities in the North West
- improved pedestrian safety with new staged crossing making it easier for pedestrians and bike riders to move safely in and around the area

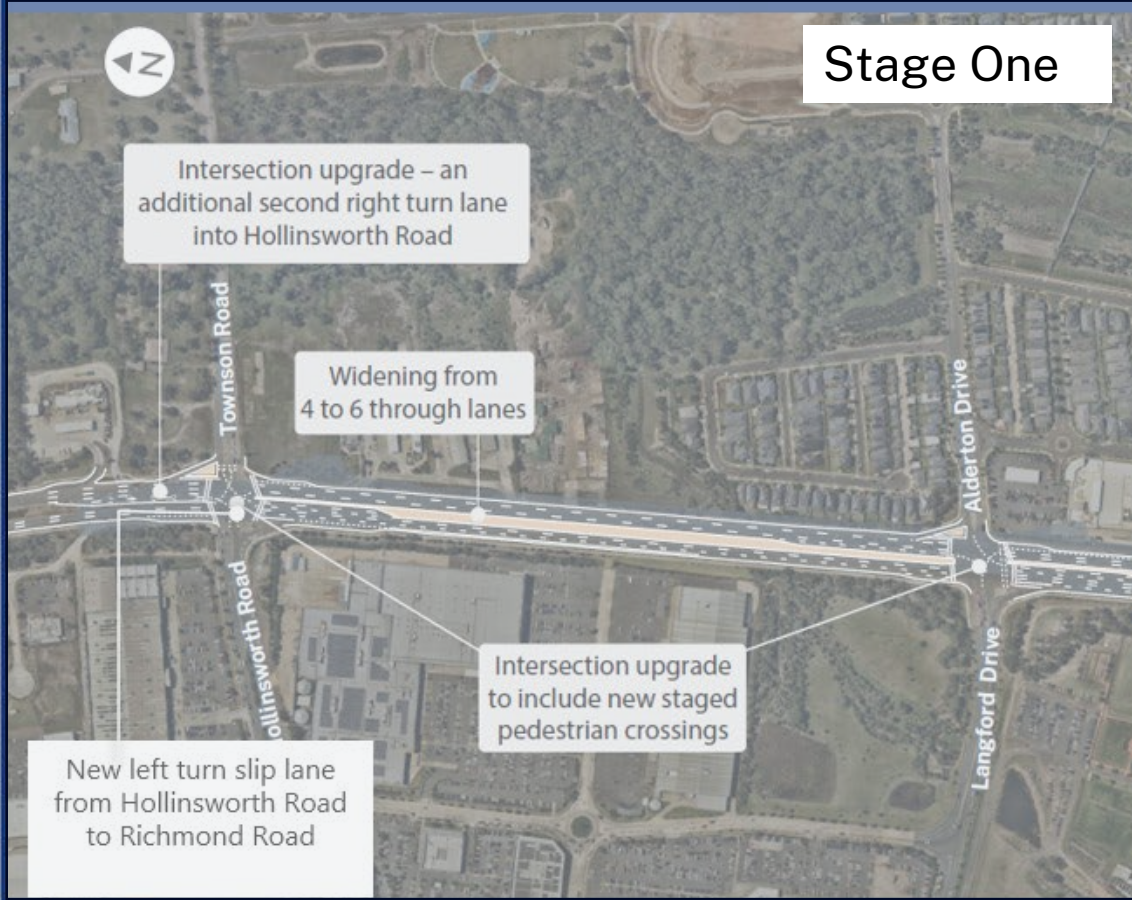


Key design features

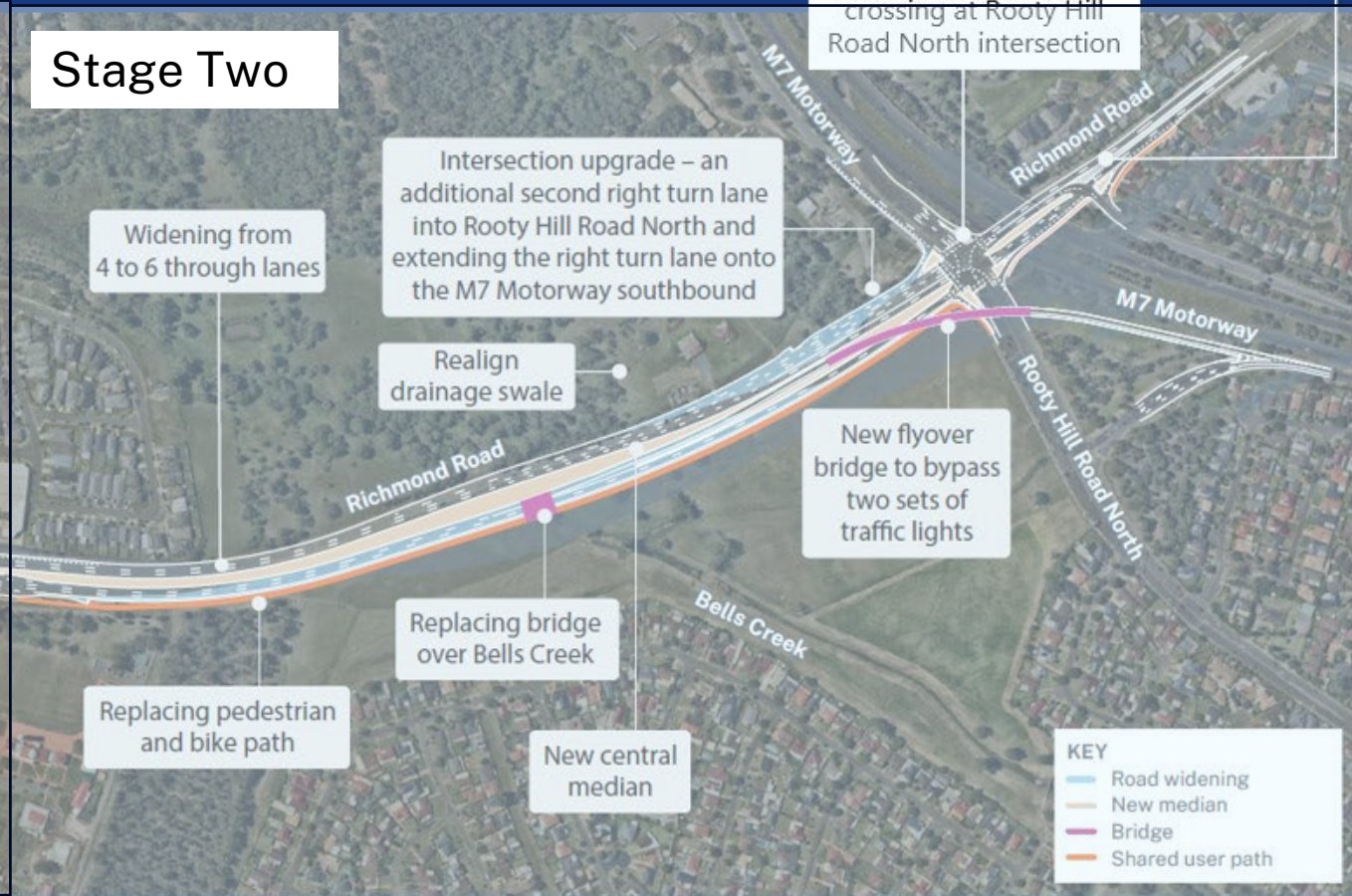
New crossing at M7 southbound on-ramp

Richmond Road upgrade between M7 Motorway and Townson Road, Marsden Park

Stage One



Stage Two



← northern section →

← southern section →

Making it easier to move in and around the North West.

Ongoing design development

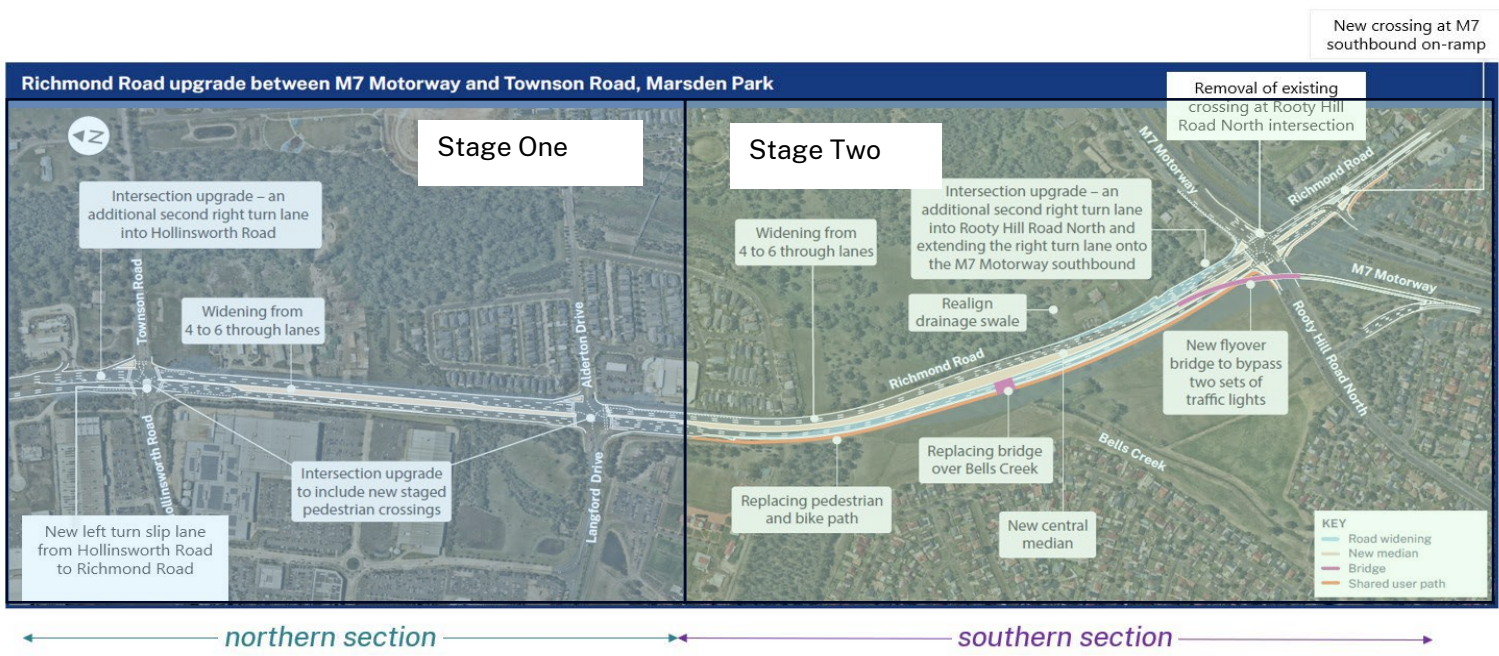
- Stage Two detailed design is now underway.
- Dharug Strategic Management Group (DSMG) input will be required in applicable design decisions throughout the process.

Design milestones:

Design issue	Initial concept design	Final detailed design
Flyover bridge design	3 Feb – 17 Feb 2026	15 May – 29 May 2026
Bells Creek Bridge design	5 Jan – 19 Jan 2026	16 Apr – 30 Apr 2026
Urban design and landscape plan	5 Jan – 19 Jan 2026	16 April – 30 Apr 2026
Landscape design	19 Jan – 3 Feb20 26	1 May – 15 May 2026
Temporary and permanent access	Now and ongoing	March 2026

Where we are at

- Construction contract awarded to Gamuda DTI joint venture on 24 October.
- Construction works will be carried out in two stages.



Stage	Location	Start date	Completion date
One	Townson Road to Alderton Drive	Early December	December 2026
Two	Alderton Drive to Rooty Hill Road North and M7 Motorway exit ramp	September 2026	December 2028

What's next

Start Date	End Date	Activity	Location	Description	Effects	Protective steps
8 December	12 January 2026	Site mobilisation	South Street	Compound establishment at South Street, and at west of Richmond Road	Trucks, fencing, traffic	No change to Blacktown Native Institution (BNI) access during this time, traffic lanes maintained
8 December	January 2026	Investigation works, project sign installation	At either end of the project extents	Project information signs being installed on approach to project	Temporary lane closures,	Night work to reduce traffic impact
15 January 2026	Continuous work	Start of Major Construction work -	Stage 1 (Northern Section)	Setting up construction site within the median of the existing Richmond Road	Changed traffic conditions	Reduced speed to 60km/h, safety barriers
	Continuous work	Start of major construction	Stage 1 (Northern Section)	Barrier installation, line marking for temporary lane change.	Changed traffic conditions, temporary lane closures	Night work, speed reduction, safety barriers

Stage One - Construction works around the BNI site



View of BNI site from Rooty Hill Road North

Making it easier to move in and around the North West.

Work around BNI site



Area(s)	Activity	Timing
11	Set up Site Compound	January 2026
13	Archaeological salvage & burial works	Late February 2026
1, 10, 12	Barriers & lane shifts	September 2026
13	Roadwork	November 2026

How this will affect all road users and the community

Disruptions and effects identified will be temporary and managed to limit inconveniences.

Traffic , travel and safety

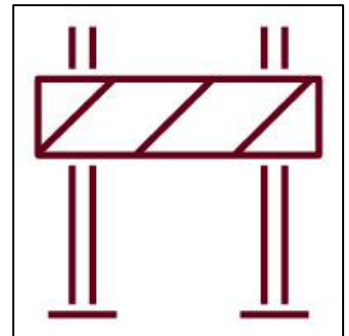
- temporary road and lane closures
- reduced speed limits for safety
- longer travel times

Noise and environment

- increased noise, dust, and vibration during works
- out-of-hours work may cause additional disturbance

Visual and heritage

- short-term visual impacts from construction zones
- tree removal for road widening, with plans for replanting
- protection of the Blacktown Native Institution heritage site



We will reduce disruption using planned work management practices

Noise, Dust and Vibration

- monitor noise and vibration during work
- use noise blankets and turn off vehicles when not in use
- offer temporary relocation or breaks for residents if noisy work lasts a long time

Traffic and pedestrian Safety

- traffic plans that keep people and vehicles moving safely during works

Work Outside Peak Hours

- schedule major work at night to avoid peak traffic delays

Access for businesses

- keep entrances open so shops and services can operate

Clear Communication

- use signs and updates so businesses and local community know what's happening

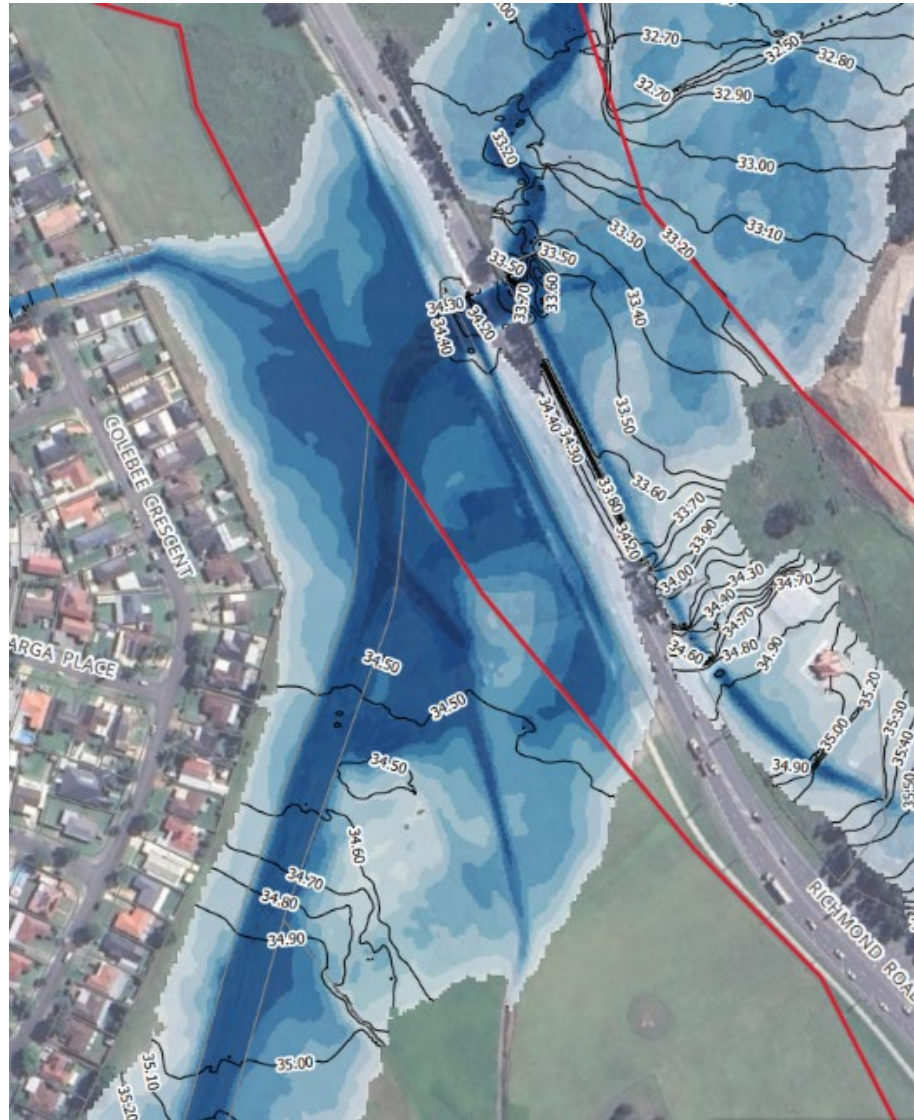
Flood modelling summary

- Flood modelling tested different scenarios using the concept design
- The next slide shows the 1% AEP flood event (previously called the 1-in-100-year flood)
- Two cases are shown:
 - Current road (no upgrade)
 - Upgraded road (planned for 2028)
- Coloured contours indicate flood water depth

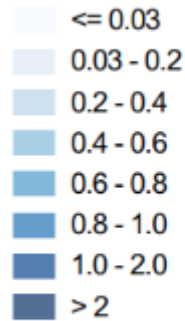
Key Findings:

- BNI land: minimal change in flood area
- Minor local shifts in depth/duration
- Mitigation channels east of Richmond Road reduce flood impact
- Upgraded road: flood-free, stronger evacuation route
- Design evolving; modelling ongoing

Flood modelling on Concept Design

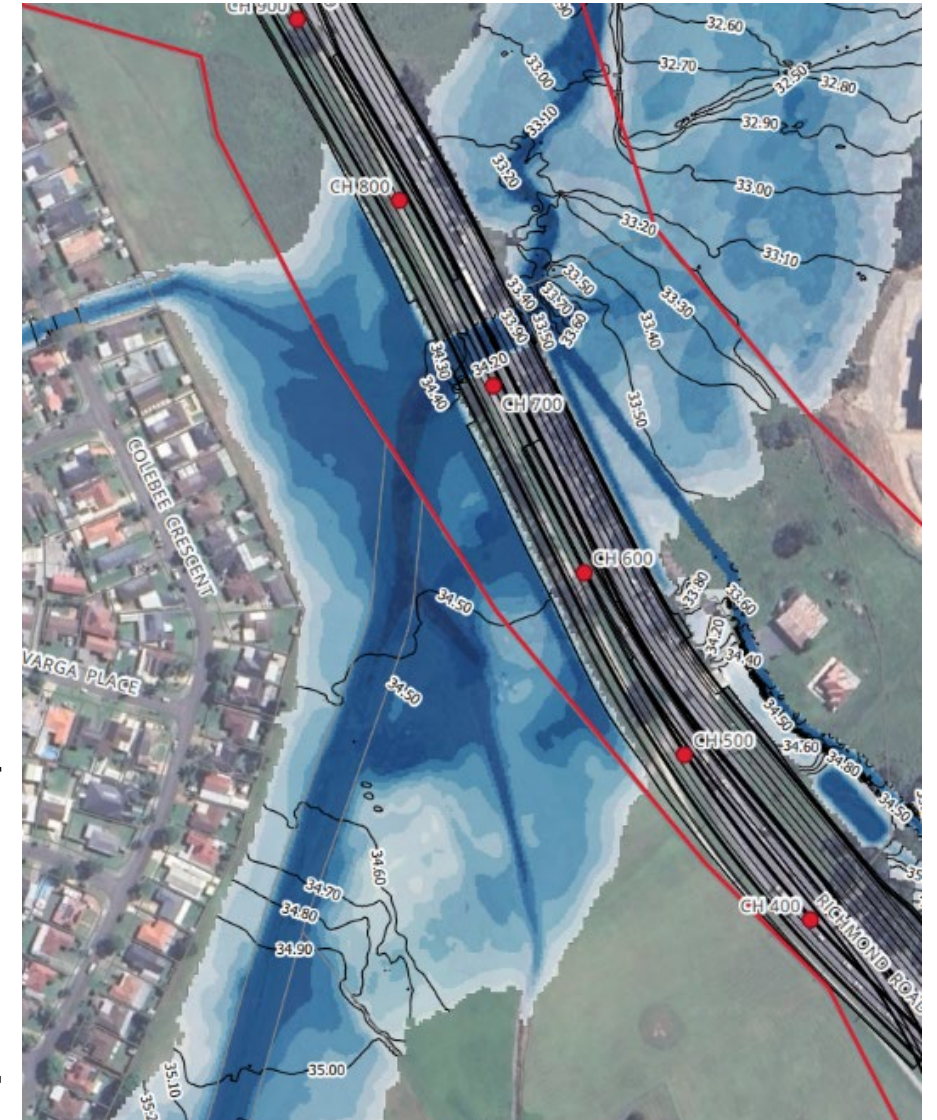


1% AEP Peak Flood Depth (m)



This shows the flood level for a flood that has a 1% chance of occurring in a given year

Before



After

Making it easier to move in and around the North West.

Construction staging

Early December 2025

- Early works begin
- Night works:
 - Max 2 consecutive nights
 - Max 3 nights per week
 - Max 10 nights per month
- Community will be consulted before any night works

January 2026

- Establish site compound (Area 11) for Stage One works
- Work with Gamuda to maintain kangaroo access around fencing

January 2026

- Start archaeological salvage and burial investigations

February – July 2026

- Utility and geotechnical investigations
- Scope to be discussed with DSMG Project Working Group before starting

July – September 2026

- Main construction works expected to start on BNI land

Access

- Access to BNI land will be maintained throughout construction
- Temporary and permanent access arrangements are being discussed
- No changes to current access until alternatives are in place

Environmental

- Seed collection:
 - Work with DSMG to collect seeds from identified species over coming seasons
 - Seek ideas on who can do this and how

Appendices

Title	Slide numbers
Artist's impression - flyover bridge	17-19
Extent of stage 2 – concept Design	20-22
Stage 2: construction	23
Site compound locations	24

Artist's impression: Flyover bridge (looking east)



Making it easier to move in and around the North West.

OFFICIAL

Artist's impression: Flyover Bridge (looking under bridge from shared path)



Making it easier to move in and around the North West.

OFFICIAL

Artist's impression: Flyover bridge (looking south on Richmond Road)



Making it easier to move in and around the North West.

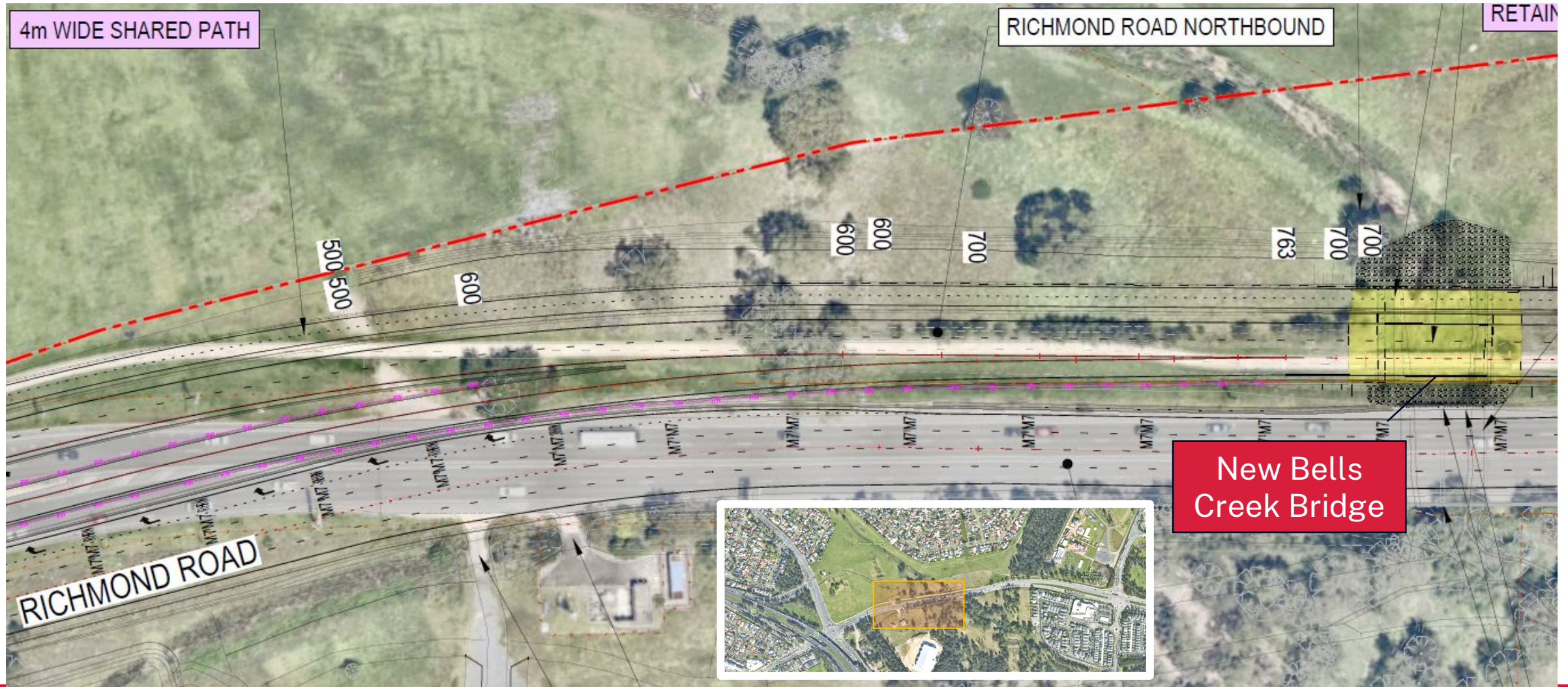
OFFICIAL

Extent of Stage 2 - Concept Design



Making it easier to move in and around the North West.

Extent of Stage 2 – Concept Design



Making it easier to move in and around the North West.

Extent of Stage 2 – Concept Design



Making it easier to move in and around the North West.

OFFICIAL

Stage 2: Construction



Area 11 (Jan 2026) – set up site compound

Area 13 (Late Feb 2026) - archaeological salvage and burial works

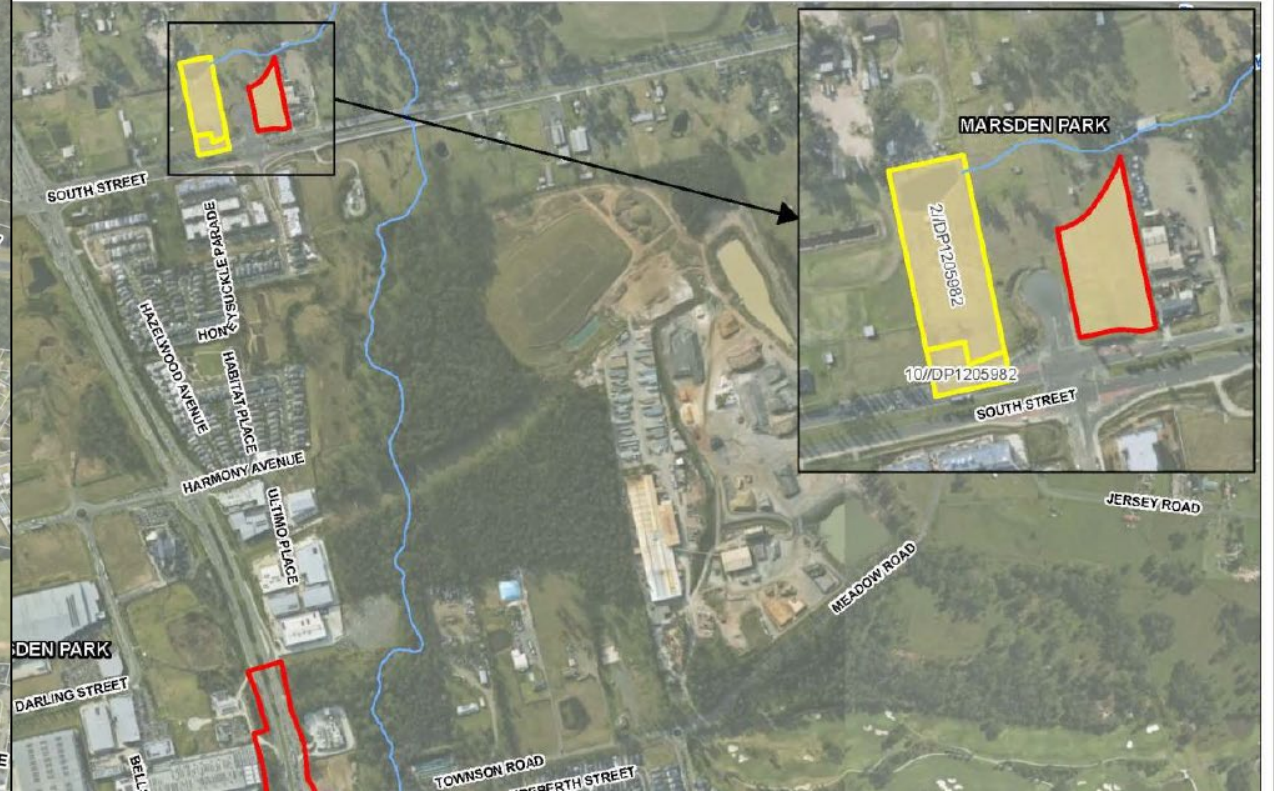
Area 1 (Sept 2026) – work on barriers, shifting lanes

Area 12 (Sept 2026 – work on barriers, shifting lanes

Area 10 (Sept 2026) – work on barriers, shifting lanes

Area 13 (Nov 2026) – roadwork

Site compound locations



Making it easier to move in and around the North West.