



Official

Heatherton Community Reference Group (CRG)

Meeting 2

30 May 2023



Agenda

	Discussion topic	Who
1.	Welcome & housekeeping <ul style="list-style-type: none"> • Previous actions • Members update 	Chair
2.	Progress update: SRL East	Brenton & Nicole
3.	Upcoming works in Heatherton <ul style="list-style-type: none"> • Site establishment – 217 Kingston Road • Site investigations – Old Dandenong Road • Tunnel access shaft overview 	Jenna & Salvatore
4.	Communications and engagement update	Jenna
5.	Urban Design and Landscape Plans overview	Bec
6.	Questions and discussion	All

Progress update SRL East

Progress update: SRL East

Some of the things we're doing




- Working through **updates to project planning resulting from Environment Effects Statement** process. For example, undertaking traffic safety assessment of Kingston Road, investigating options for public open space offsets for stabling facility.
- **Property acquisition** across the SRL East alignment.
- Work Package C (tunnelling between Cheltenham and Glen Waverley) **contractor procurement**. Contract award expected late 2023.
- Work Package G (linewide works including stabling construction) **contractor procurement**. Contract award expected 2025.
- Preparation for **Precinct Structure Planning** process related to areas around the six SRL East station precincts.
- **Initial and Early Works underway** across the SRL East alignment.



Image: Metro Tunnel Project Tunnel boring machine



Early works that are underway

-  Utility service relocations
-  Site establishment
-  Site investigations

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Progress update along SRL East alignment



Water relocation in Glen Waverley



New park and playground in Burwood




Site establishment in Burwood

Upcoming works in Heatherton

Works lookahead

 **Site establishment at 217 Kingston Road**
From late May 2023 for up to four months

 **Tree removal works**
From late May 2023 for up to four months

 **Site investigations on Old Dandenong Road:**
1. From late June 2023 for up to 3 weeks
2. From July 2023 for up to 5 weeks

 **Tunnel access shaft construction**
From late 2023 for up to two years



Site establishment at 217 Kingston Road

Late May 2023 for up to four months

Site establishment

Late May 2023 for up to four months

What we're doing

- Establishing a site to prepare for construction of SRL East and the Stabling Facility in Heatherton
- Installing traffic barriers and fencing around the site for safety of workers and the community
- Removing hazardous materials (asbestos) that has been found on site. These will be removed by a Class A qualified specialist
- Tree and vegetation removal within and along the eastern side of the site, adjacent to Dingley Bypass
- Excavation and earthworks to clear and level the area
- Installation of temporary site sheds and facilities
- Implementing traffic changes including lane closures, detours and reduced speed limits.



Tree removal

Late May 2023 for up to four months

- Tree removal will be undertaken adjacent to the Dingley Bypass and within the newly established work site
- Traffic barriers will be installed before these works commence
- Works will be undertaken by qualified arborists. The area will be checked for animals by a licenced ecologist and relocated if required
- We are working with Council, the local community and Zoos Victoria to determine best options for reusing the removed trees
- If trees are deemed not suitable for animals at the zoo, due to being juvenile and semi mature, they will likely be re-used for mulch.



 Tree removal

Traffic changes

From mid-June 2023

Traffic changes will be in place during the day and at night for up to two weeks.

There are no changes to public transport during site establishment works.

Temporary traffic changes

- from mid-June

Daytime lane closures on Old Dandenong Road

- Southbound lanes closed on Old Dandenong Road between Henry Street and Kingston Road. Traffic maintained in both directions
- Left turn from Old Dandenong Road onto Kingston Road closed. Detour via Boundary Road and Dingley Bypass.

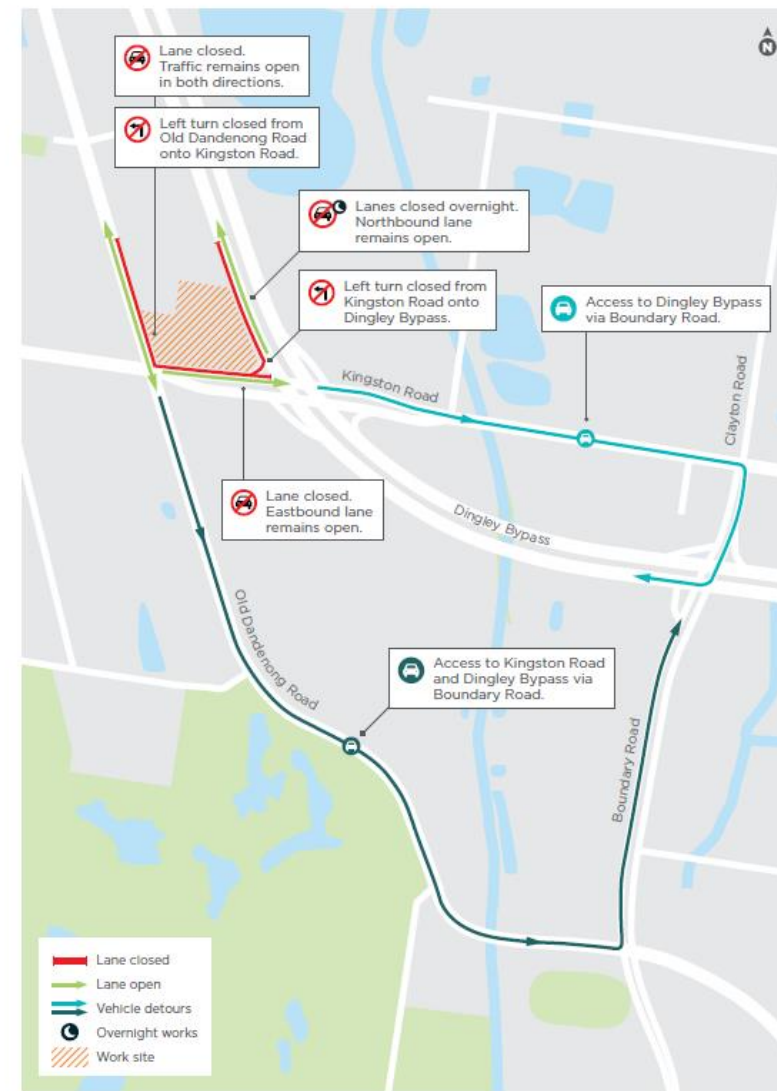
Daytime lane closures on Kingston Road

- Eastbound lane closed on Kingston Road between Old Dandenong Road and Dingley Bypass
- Left turn from Kingston Road onto Dingley Bypass closed. Detour via Kingston Road, Boundary Road and Dingley Bypass.

Overnight lane closures on Dingley Bypass

- Traffic reduced to a single lane northbound on Dingley Bypass, north of Kingston Road
- Left turn from Kingston Road onto Dingley Bypass closed. Detour via Kingston Road, Boundary Road and Dingley Bypass.

Heatherton site establishment - from end of May 2023



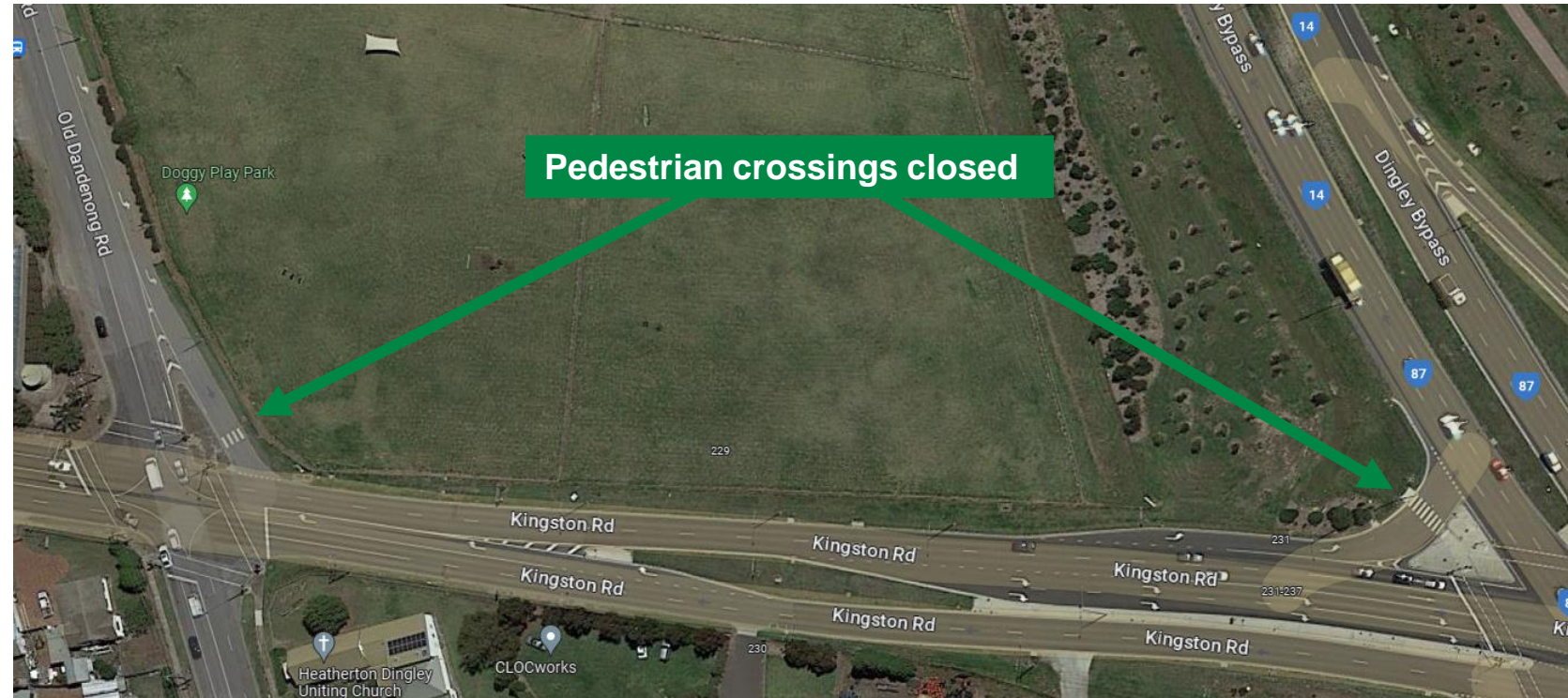
Pedestrian changes

Following the installation of traffic barriers, the pedestrian crossings at the following locations will be closed:

- Intersection of Old Dandenong Road and Kingston Road (north east corner)
- Intersection of Kingston Road and Dingley Bypass (north west corner)

Pedestrian access at these locations will remain closed for the duration of stabling facility construction

The Old Dandenong Road pedestrian crossing will not reopen after the project is complete



Site investigations on Old Dandenong Road

Stage one: Late June for up to three weeks*

**Dates are indicative and subject to change*

Overview of site investigations on Old Dandenong Road

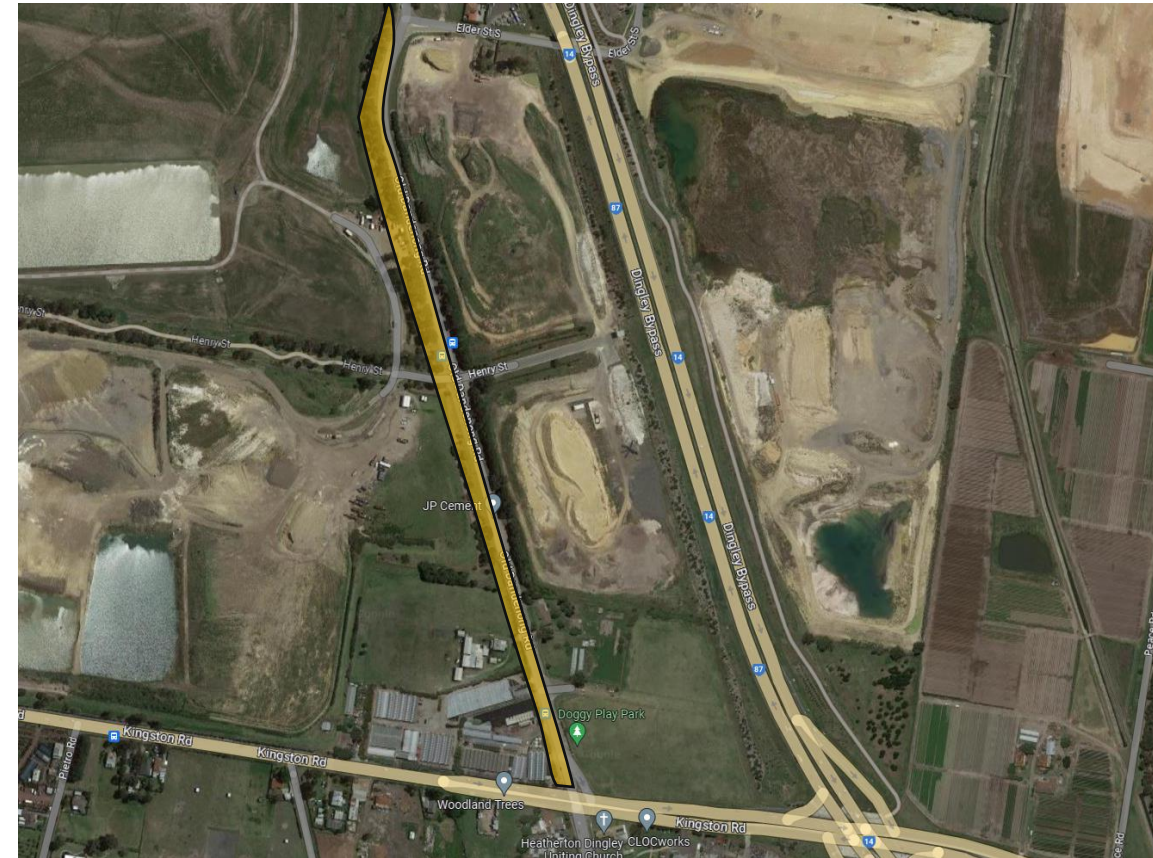
Late June 2023

What we're doing

- From late June we will be undertaking site investigations on Old Dandenong Road to measure and locate services under the road
- These works will take up to three weeks
 - 2 nights set up
 - 3 weeks site investigations
 - 2 nights pack up
- Data from these investigations will inform planning and construction methods for the relocation of utility services in 2024.

What to expect

- Traffic changes including lane closures, detours and reduced speed limit.
- Changes to public transport along Old Dandenong Road (bus services and bus stops).



Overnight closures for traffic management to be installed

Two nights

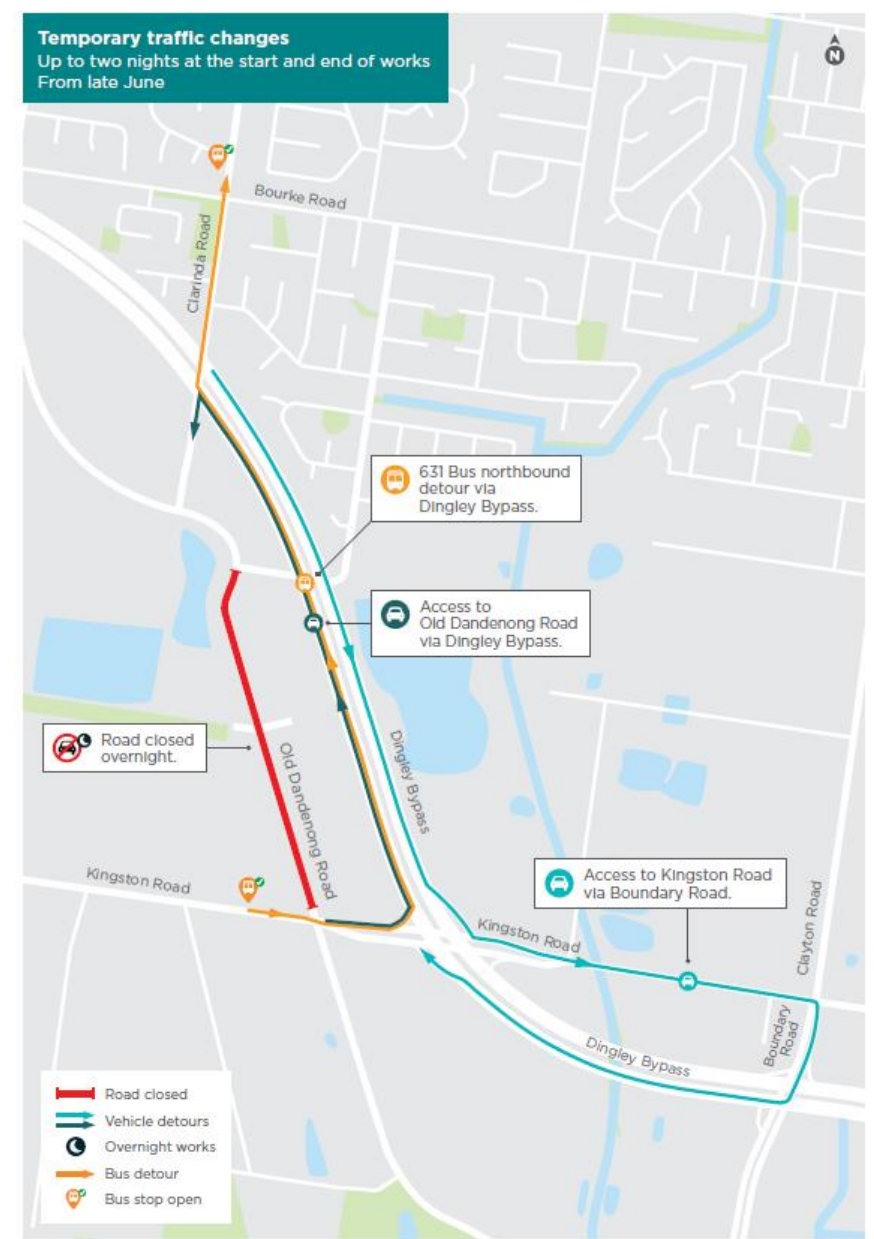
- For up to two nights in late June crews will set up traffic management ahead of site investigation works commencing

Traffic changes

- Old Dandenong Road will be closed in both directions between Kingston Road and Elder Street South
- Detours will be in place.

Public transport changes

- Northbound and southbound bus stops closed along Old Dandenong Road
- Affected routes: 631 and 821.



Old Dandenong Road northbound closure (24/7)

Three weeks

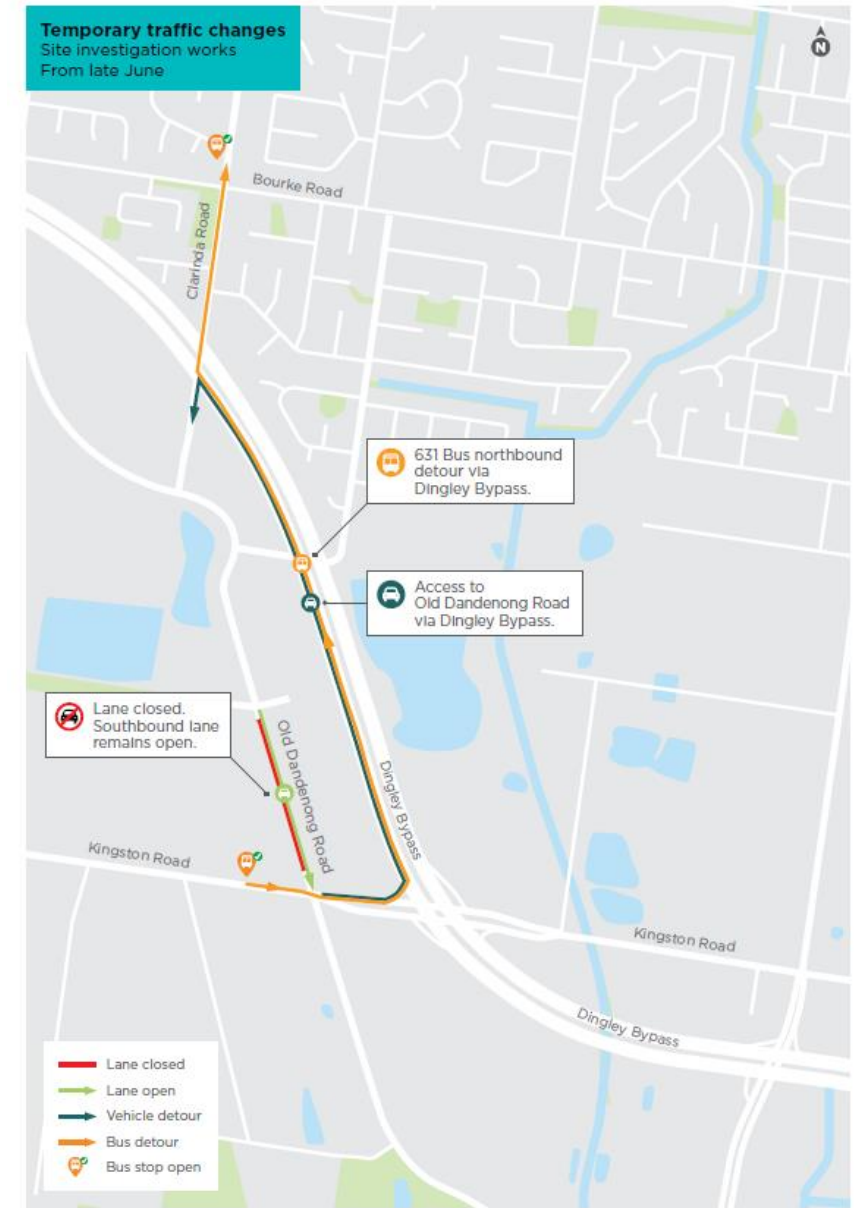
- For up to three weeks for site investigation works

Traffic changes

- Old Dandenong Road will be closed between Kingston Road and Elder Street South northbound
- Detours will be in place.

Public transport changes

- Affected route: 631
- Nearest available bus stops are located on Kingston Road and Clarinda Road
- Buses will detour via Kingston Road, Dingley Bypass and Clarinda Road.



Overnight closures for traffic management to be removed

Two nights

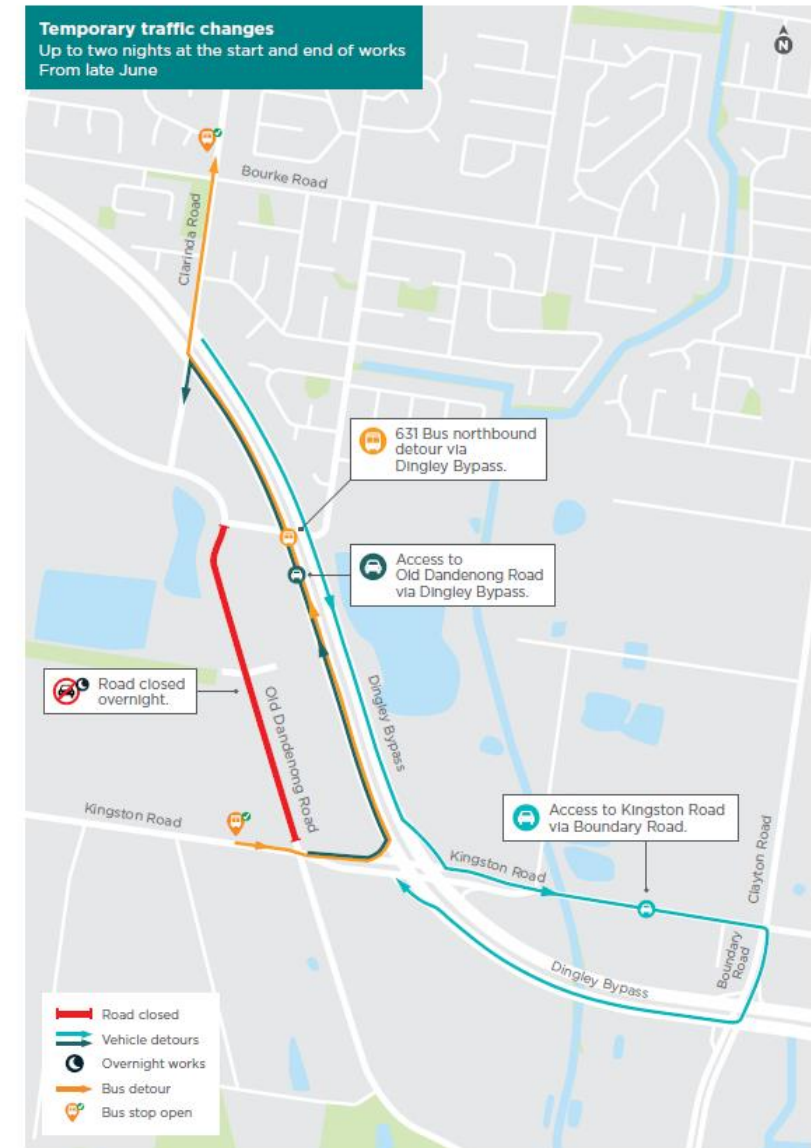
- For up to two nights at the end of site investigation works to remove traffic management equipment

Traffic changes

- Old Dandenong Road will be closed in both directions between Kingston Road and Elder Street South
- Detours will be in place.

Public transport changes

- Northbound and southbound bus stops closed along Old Dandenong Road
- Affected routes: 631 and 821.



Site investigations on Old Dandenong Road

Stage Two: July TBC

**Dates are indicative and subject to change*

Site investigations

July – up to five weeks

- In July we will be undertaking site investigations on Old Dandenong Road to measure and locate services under the road

Traffic changes

- Old Dandenong Road closed in both directions between Kingston Road and Elder Street South to set up and pack up traffic management at the start and end of works
- Old Dandenong Road will be closed between Kingston Road and Elder Street South northbound 24/7 while we work
- The Old Dandenong Road right turn lane and through lane will be closed at the intersection of Kingston Road
- Eastbound slow lane closure on Kingston Road (24/7) west of Old Dandenong Road
- Detours will be in place.

Public transport changes

- Northbound and southbound bus stops closed along Old Dandenong Road. Affected routes: 631 and 821.

Tunnel access shaft construction

From late 2023

**Dates are indicative and subject to change*

Tunnel access shaft

A tunnel access shaft (TAS) will be built at Heatherton within our established site at 217 Kingston Road.

The tunnel access shaft is a launching point for the tunnel boring machines (TBMs) to be lowered into the ground to excavate the southern section of the SRL East twin tunnels.

TAS construction will commence in late 2023, and take approximately 2 years to complete.

Further community engagement will take place ahead of these works.



Construction methodology

Stage 1

Diaphragm wall

Diaphragm walls, commonly referred to as D-walls, are used to stabilise the ground and enable excavation.

The D-wall panels are made of concrete with steel reinforcement. The tall panels are placed vertically into the ground to form a retaining wall for the tunnel access shaft.

Stage 2

Capping beam

The capping beam is a concrete structure that is placed over the top of the concrete wall panels to connect them all together.

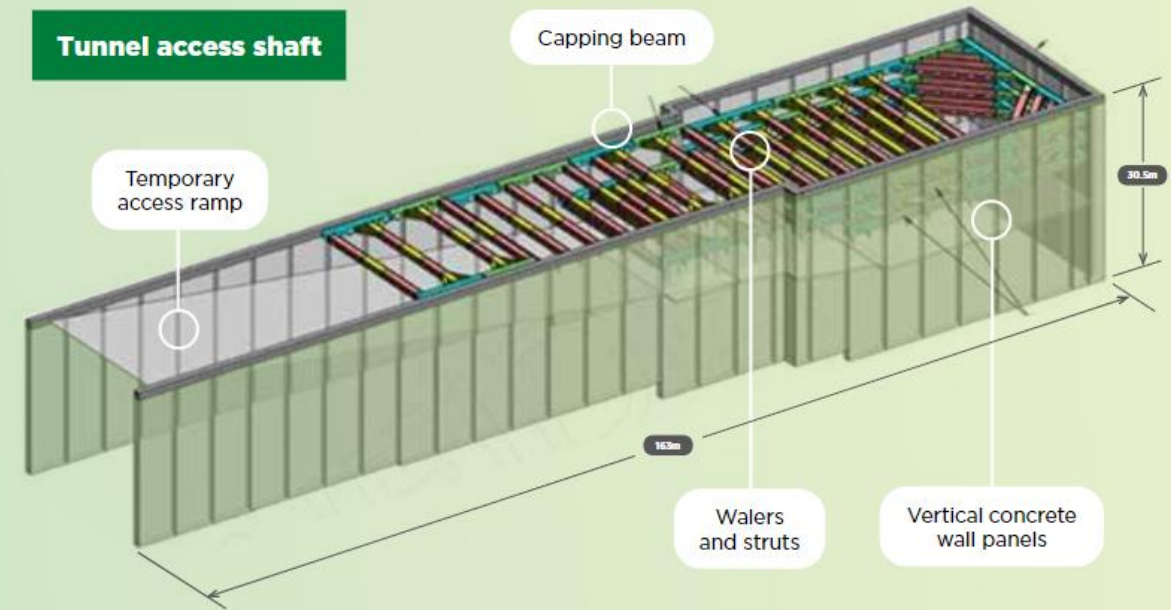
Stage 3

Excavation and steel supports

During excavation we will reinforce the tunnel access shaft with steel supports known as walers and struts.

These will provide additional support to make the structure ready for the launch of the tunnel boring machines.

Tunnel access shaft



Tunnel access shafts in Melbourne

Tunnel access shaft



Image: The tunnel access shaft and western portal in South Kensington as part of the Metro Tunnel Project



Image: An example of the machinery that will build the tunnel access shaft in Heatherton

Communications and engagement

Community information session: 17 May

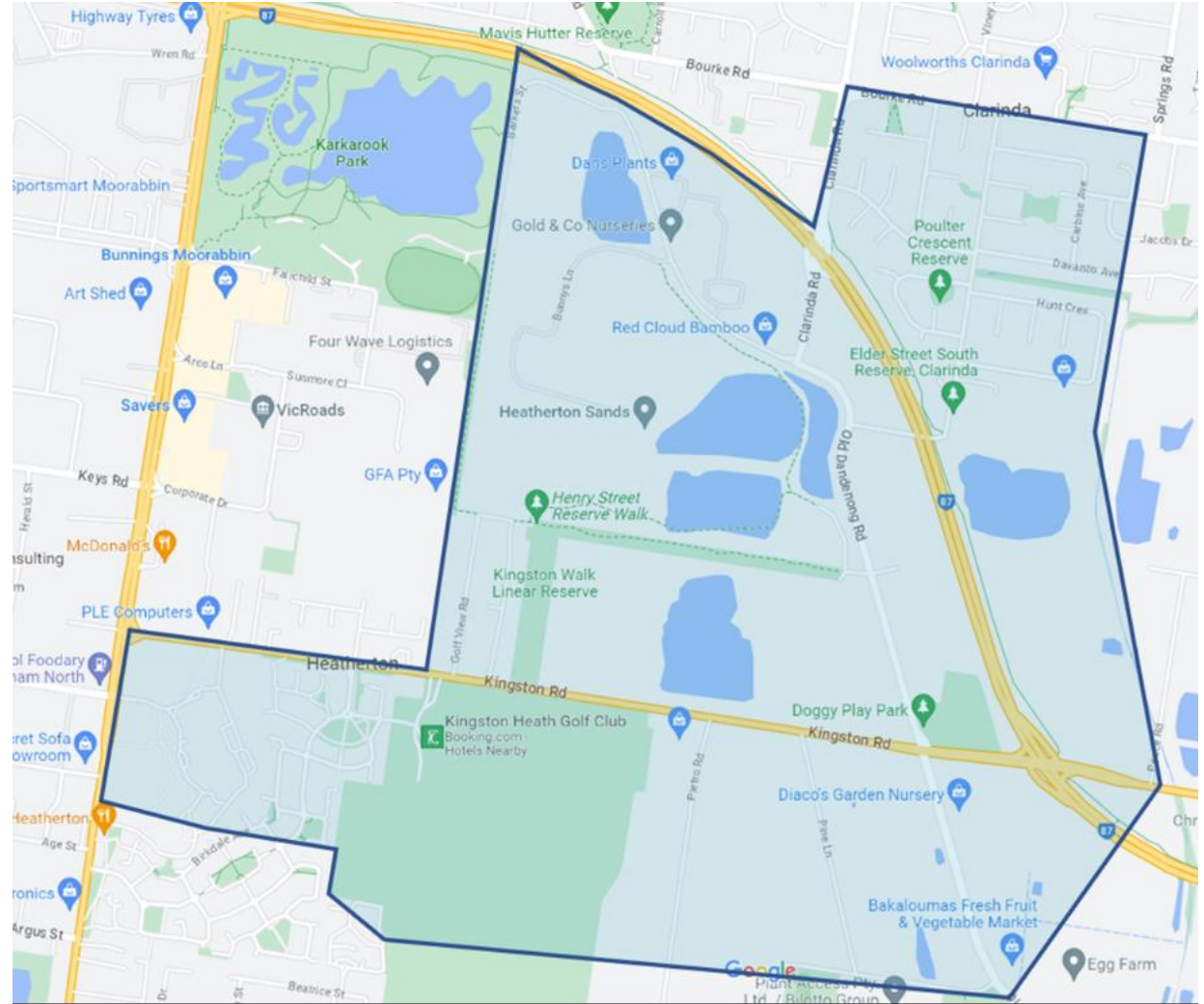
- The Heatherton community information session was held from **4.30-7.30pm on Wednesday 17 May** at the Heatherton Dingley Uniting Church
- **31 community members** were in attendance.
- Topics of discussion included:
 - Upcoming early works activities
 - Early works and major works timing
 - Mitigation measures to reduce community impacts
 - Property and tunnel alignment related queries
 - Community feedback on planning and approvals process, urban design and landscape elements
 - Traffic changes, truck movements and public transport changes
 - Community Reference Group
 - Voluntary purchase scheme
 - Vibration and noise during construction
 - Operational impacts of the Stabling Facility



Hardcopy works notification distribution zones

How they are determined:

- Residents and businesses located directly next to/adjacent to work sites
- General common sense assessment of the impacts to the broader community
 - What is the scope of works, what are the impacts, how wide should the distribution zone be?
 - Prefer to overcommunicate than under communicate
- Noise and vibration assessments which determine how far construction impacts may be experienced
- Key stakeholders located within the area including schools, golf clubs, businesses etc



Email distribution zones

- SRLA and Laing O'Rourke have established an email distribution list for Heatherton.
- CRG members and key stakeholders in the area will receive communications materials via email before they are distributed to the wider community via letter box drops.
- CRG members who live and/or work within the distribution zones will receive communications materials via hardcopy and electronic channels.
- 33 subscribers have so far opted-in to receive construction and traffic updates via SMS

SUBURBAN RAIL LOOP EAST

Community Information Session
Wednesday 17 May
See reverse for details.

Works Notification
Works happening in your area
Heatherton
MAY - AUGUST 2023

Suburban Rail Loop (SRL) will be establishing a site compound in Heatherton to prepare for the construction of SRL East.

SRL East from Cheltenham to Box Hill will reduce travel times and link people to major employment, health, education and retail destinations in Melbourne's east and south east.

A stabling facility will be built at Heatherton to store and maintain the new fleet of high-tech SRL trains near the start of the line, enabling SRL to run a turn-up-and-go service.

What are we doing

We are establishing a site compound at 217 Kingston Road, Heatherton. We will use this area to store materials and complete other construction activities until SRL East is complete. Works will include:

- Installing traffic barriers and fencing around the site
- Safe removal of hazardous materials
- Tree and vegetation removal
- Excavation and earthworks to clear and level the area
- Installing site sheds and facilities.

We previously notified the community site

When

Site establishment works will take place from late May for up to four months between 7am to 6pm Monday to Friday and 7am to 1pm on Saturday.

Some nightworks are required to install traffic barriers along Dingley Bypass. These works will take place from mid-June for up to two weeks.

We will provide you with further notice if any works need to take place outside of these times.

How we will manage our work

The project team may use equipment that generates dust, light and medium levels of noise. Measures will be put in place to minimise impacts to the surrounding community.

These may include:

- Positioning equipment as far as possible from homes and businesses and turning it off when not in use
- Applying water during earthworks to assist with dust suppression

Monitoring noise levels

Urban Design and Landscape Plans overview

Process and requirements

- Urban Design and Landscape Plans (UDLPs) will be prepared for all permanent above ground buildings/structures for SRL East, as a condition of the Project planning approval (the *SRL East Incorporated Document, August 2022*)
- Each UDLP shows the proposed design of all buildings, structures and landscaping and comprises plans and an accompanying report
- Must comply with the SRL East Urban Design Strategy, Environmental Performance Requirements and Surface and Tunnel Plans
- Can be approved in stages
- Informs, but does not comprise detailed construction design drawings and approval
- Approved by the Minister for Planning.



North East Link Tunnels Urban Design and Landscape Plan (UDLP)

Help shape designs in your local area for the North East Link Tunnels from Watsonia to Bulleen.

REPORTING BACK

CLOCK CLOSURE CLOSED A YEAR AGO

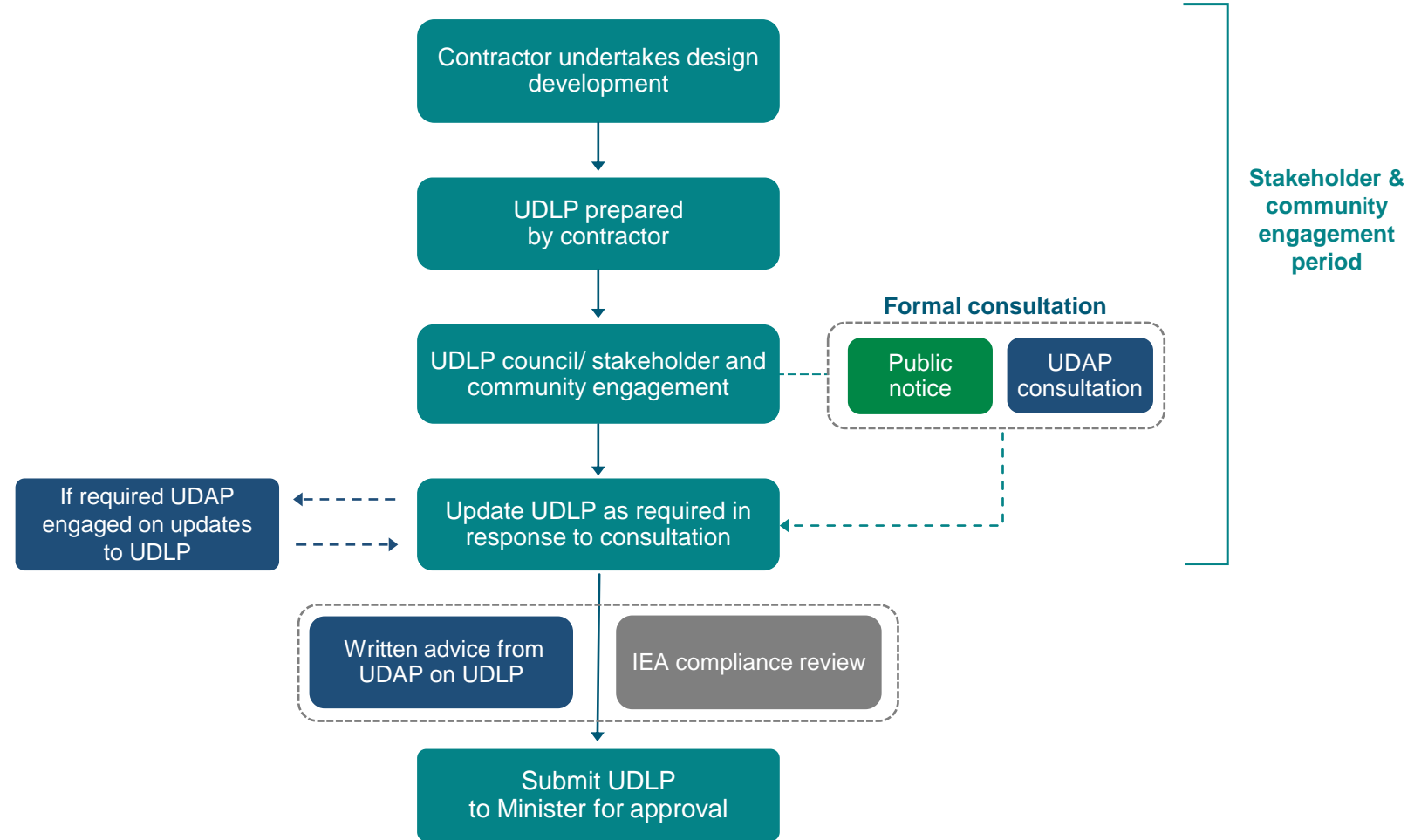
Planning

Transport



Images: Urban Design and Landscape Plans are common across major transport projects in Victoria – an example from NELP

Indicative process for the development of a UDLP



- UDAP – SRL Urban Design Advisory Panel
- IEA – Independent Environmental Auditor
- UDLP – Urban Design and Landscape Plan