

## Acknowledgement

SRLA wish to acknowledge the Traditional Custodians of the lands on which we are meeting today, and pay our respect to Elders past, present and emerging and to extend that respect to any Aboriginal or Torres Strait Islander people who may be with us today.



# Heatherton Community Reference Group

Meeting 3

29 August 2023

# Welcome and housekeeping

# Agenda

	Discussion topic	Leading
1.	<b>Welcome &amp; housekeeping</b> <ul style="list-style-type: none"><li>• Previous actions</li></ul>	Kim (Chair)
2.	<b>Works in Heatherton</b> <ul style="list-style-type: none"><li>• Site establishment and investigations</li></ul>	Jenna & Nicole (Laing O' Rourke)
3.	<b>Asbestos removal</b>	Salvatore (Laing O' Rourke)
4.	<b>Drainage</b>	
5.	<b>Communication and Engagement</b>	Jenna & Nicole (Laing O' Rourke)
6.	<b>Tunnel access shaft methodology</b>	Salvatore (Laing O' Rourke)
7.	<b>Voluntary Purchase Scheme</b>	Briony (SRLA)
8.	<b>Kingston Road traffic assessment</b>	Chris (SRLA)
9.	<b>Buffer zones and ground levels of the stabling facility</b>	Amin (SRLA)
10.	<b>Questions and discussion</b>	All
11.	<b>Meeting close</b>	Kim (Chair)

## Previous actions

Action	Owner	Due	Status
Laing O'Rourke (LOR) to investigate tree relocation opportunities for works occurring at 217 Kingston Road.	LOR	ASAP	Closed
LOR to investigate Variable Message Sign (VMS) board light spill mitigation solutions for residents near Kingston Road.	LOR		
LOR to offer a site walk to relevant CRG members to discuss drainage and to understand local knowledge that may not be known by the project.	LOR		
LOR to investigate strategies to improve correspondence with landowners regarding precondition surveys.	LOR		
SRLA to update meeting start time for all future CRGs to run from 6:00-8:00pm.	SRLA		
LOR to extend the distribution zone to include properties north of Kingston Road between Warrigal Road and Golf View Road.	LOR		

## Previous actions

Action	Owner	Due	Status
Suburban Rail Loop Authority (SRLA) to provide examples of how the Voluntary Purchase Scheme has occurred on similar Victorian Government projects.	SRLA	August CRG	In Agenda
Traffic engineer to present on the Kingston Road traffic assessment at a future CRG.			
Members requested clarity on the buffer zones SRLA would impose on the west of the Delta site.			
SRLA to supply members with information regarding the elevation level of the eastern and western portals (at soil level and estimated structures).			
Members requested an air quality expert present at a future CRG.	SRLA	Future CRG	Pending
<p>Future presentation opportunities:</p> <ol style="list-style-type: none"> <li>1. Air, dust, noise and vibration assessments- SRLA</li> <li>2. Voluntary Purchase Scheme (VPS)</li> <li>3. Flood modelling – LOR &amp; SRLA</li> <li>4. Kingston Road traffic assessment – SRLA</li> <li>5. Eastern Portal excavation construction methodology - LOR</li> <li>6. 631 bus route – Department of Transport and Planning- DTP</li> <li>7. Buffer zones and ground levels of the stabling facility - SRLA</li> </ol>			

# Works in Heatherton

## Nicholas Grove



## Golf View Road





# Site establishment – 217 Kingston Road

## Works to date have included:

- Installation of traffic barriers
- Site investigations
- Installation of temporary site facilities for workers

## Works planned in the coming months:

- Tree and vegetation removal on site and along Dingley Bypass
- Safe hazardous material removal
- Continuing earthworks and levelling
- Construction of permanent site facilities for staff.

Construction of the tunnel access shaft will start from later in year.



# Site Investigations

From mid-late August for up to four months

Works along Old Dandenong Road and Kingston Road to measure and locate underground services.

Data will inform planning and construction methods for relocation of utility services in 2024.

## Traffic changes will include:

- Lane closures
- Road closures
- Detours
- Reduced speed limits
- Bus stop closures along routes 631 and 821.



Site establishment and site investigation works

# Asbestos removal

# Asbestos removal – 217 Kingston Road

- Asbestos identified at the site is in the form of cement sheet fragments in the soil
- Air monitoring has shown no airborne asbestos fibre to date
- Those involved in excavation of the soil will wear suits and masks to meet regulatory requirements
- Workers performing removal will be licensed
- Daily air monitoring will be conducted to verify controls are effective
- Site hygienists will be present and overseeing all aspects of the removal process



# Drainage

# Drainage

- CRG member raised drainage along Kingston Road and wanted to ensure all drainage pits in area have been included in SRL's flood modelling
- During site walk, the CRG member and LOR staff located a further three drainage pits on private property
- Adding the additional drainage pits did not change the outcome of the flood modelling
- Construction works as part of SRL East Initial and Early Works do not have a negative impact on drainage in the area
- LOR has provided this information to Kingston City Council and raised the need for ongoing maintenance of drainage pits along Kingston Road and other local roads in the area.



- ✕ Drainage pits included in original flood modelling
- ✕ Drainage pits not included in original flood modelling
- ✕ Drainage pit raised with City of Kingston Council requiring maintenance

# Communications and Engagement

# Communications and Engagement since last meeting

- Ongoing engagement with local stakeholders regarding timber reuse opportunities

Stakeholders include:

- Heatherton Christian College
- Moorabbin Airport
- Parks Victoria (Karkarook Park)
- Kingston Heath Golf Club
- Heatherton Dingley Uniting Church
- Zoos Victoria
- Kingston City Council



Vegetation donated from SRL East site works (May 2023)

- Community concerns:

Theme	Outcome
Dirt on Old Dandenong Road	Not related to SRLA works. Complaint closed.
Asbestos management at Kingston Road	Multiple complaints to authorities re: management of asbestos at 217 Kingston Road; EPA and WorkSafe investigations advised satisfaction with controls in place and management of materials



# Tunnel access shaft methodology

# 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

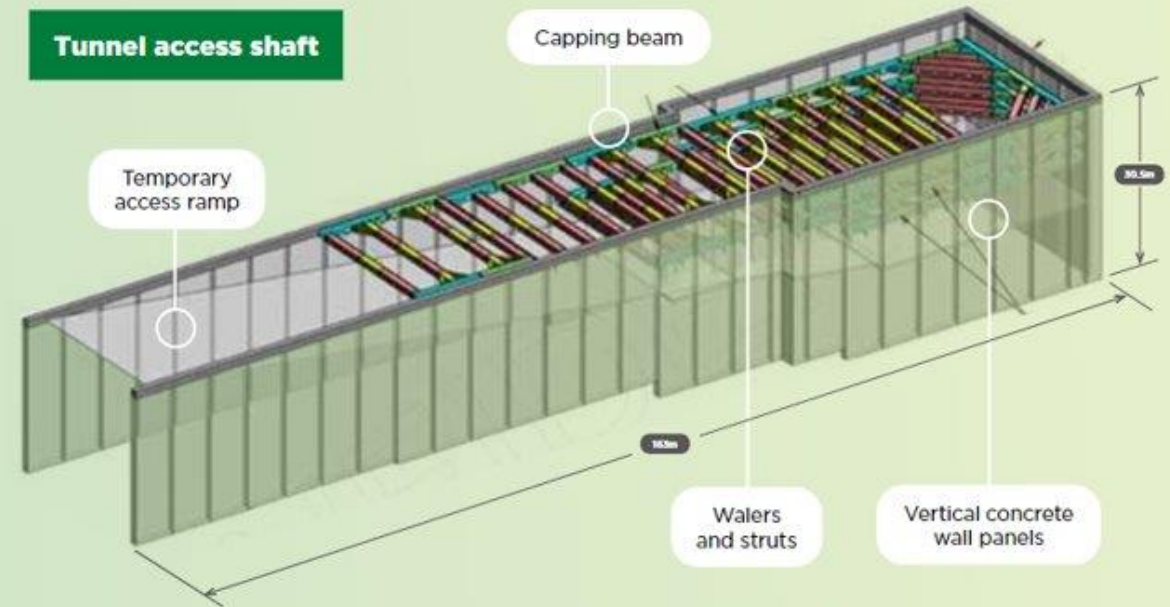
The capping beam is a concrete structure that is placed over the top of the concrete wall panels to connect them all together.

## 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 – Metro Tunnel



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



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

# Voluntary Purchase Scheme

# Voluntary Purchase Scheme

- Suburban Rail Loop Authority (SRLA) is developing a Voluntary Purchase Scheme (VPS) for residents that experience significant accumulated construction impacts
- SRLA have used the VPS rolled out by Level Crossing Removal Project (LXRP) and North East Link Program (NELP) as a model to inform our approach.
- Our VPS approach will be tailored and adjusted to fit SRL East.
- Under the VPS, eligible property owners will have the option of selling their property to SRLA on a voluntary basis
- Owners of properties near the Stabling Facility that may be eligible for the VPS will be contacted directly by SRLA and invited to register their interest in the VPS.
- SRLA will meet with individual property owners who express their interest in the VPS to explain the process, timeframes and required documentation.

# Kingston Road traffic assessment

# Kingston Road community feedback to date

## What we've heard:

- Community wants better pedestrian connectivity along Kingston Road
- Mitigate impacts from closure of Old Dandenong Road
- Minimise distance/time to Clarinda shops
- Improve connectivity on Dingley Bypass
- Improvements to bus route / stops along Kingston Road

## How we've heard:

- Environment Effects Statement submissions
- Feedback at community information sessions
- Phone calls and email via contact inbox
- Minister's assessment / IAC feedback
- Feedback provided by Kingston City Council and local stakeholders



Image: Heatherton information session



Image: Kingston Farmers Market

# Kingston Road traffic assessment



Existing bus stop



Signalised pedestrian crossing



Kingston Road vehicle access from Dingley Bypass



# Buffer zones and ground levels

# Urban Design Strategy

## Buffer requirement

### Outcome SF1

1d) Provide a landscape buffer within western site boundary, to immediate east of Kingston Walk Linear Reserve, to:

- i.) Mitigate visual impacts on existing residential area to the west
- ii.) Optimise and extend landscape values of Kingston Walk Linear Reserve.



# Buffer requirement



## Important notes:

- This image shows the narrowest buffer along alignment of linear reserve.
- Measurements not exact and there are variations along Kingston Walk Linear Reserve.
- Final buffer inside site boundary to be confirmed during detailed design.

# Ground levels Stabling Facility

**Kingston Walk Linear Reserve**  
Approx. +39.5 m Aus Datum.

Bund will be built around the site boundary which will further reduce visibility of the site from the linear reserves and homes.

**Western Portal Structure**  
Approx. 3 storeys. Approx. +49 m Aus Datum to top of structure.

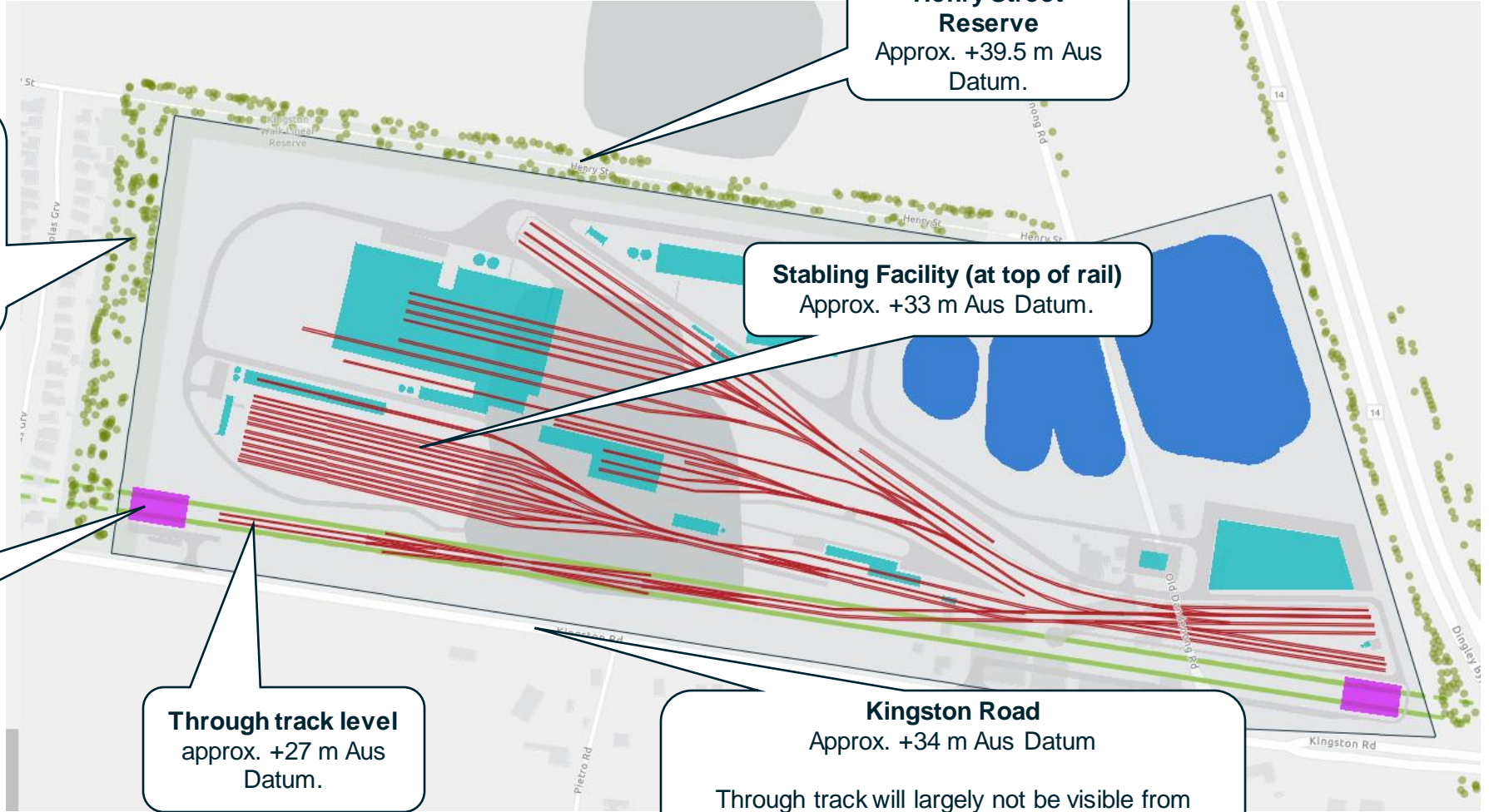
**Through track level**  
approx. +27 m Aus Datum.

**Henry Street Reserve**  
Approx. +39.5 m Aus Datum.

**Stabling Facility (at top of rail)**  
Approx. +33 m Aus Datum.

**Kingston Road**  
Approx. +34 m Aus Datum

Through track will largely not be visible from Kingston Road due to track being in cutting and construction of mound and screening



**Levels based on concept design only – subject to change**

**Definition:** The Australian Height Datum 1971 (AHD71) is the official height datum for Australia. The National Mapping Council adopted the AHD in May 1971 as the datum to which all vertical control mapping would be referred. AHD71 is based on mean sea level observation from 1966-1968 at 30 tide gauges around the Australian coast.

# Questions and discussion