

Heatherton Community Reference Group

Meeting 4

5 December 2023

We respectfully acknowledge the Traditional Owners of this land
and pay respect to their Elders, past and present.



Welcome and housekeeping

Agenda

Topic	Speaker
Welcome and housekeeping	Kim (Chair)
Previous actions	Kim (Chair)
SRL East update	Suburban Rail Loop Authority (SRLA)
Works Package C overview	SRLA
Works in Heatherton	Laing O' Rourke
SRL East year in review	SRLA
SRL East Lookahead	SRLA
Questions and discussion	All
Meeting close	Kim (Chair)

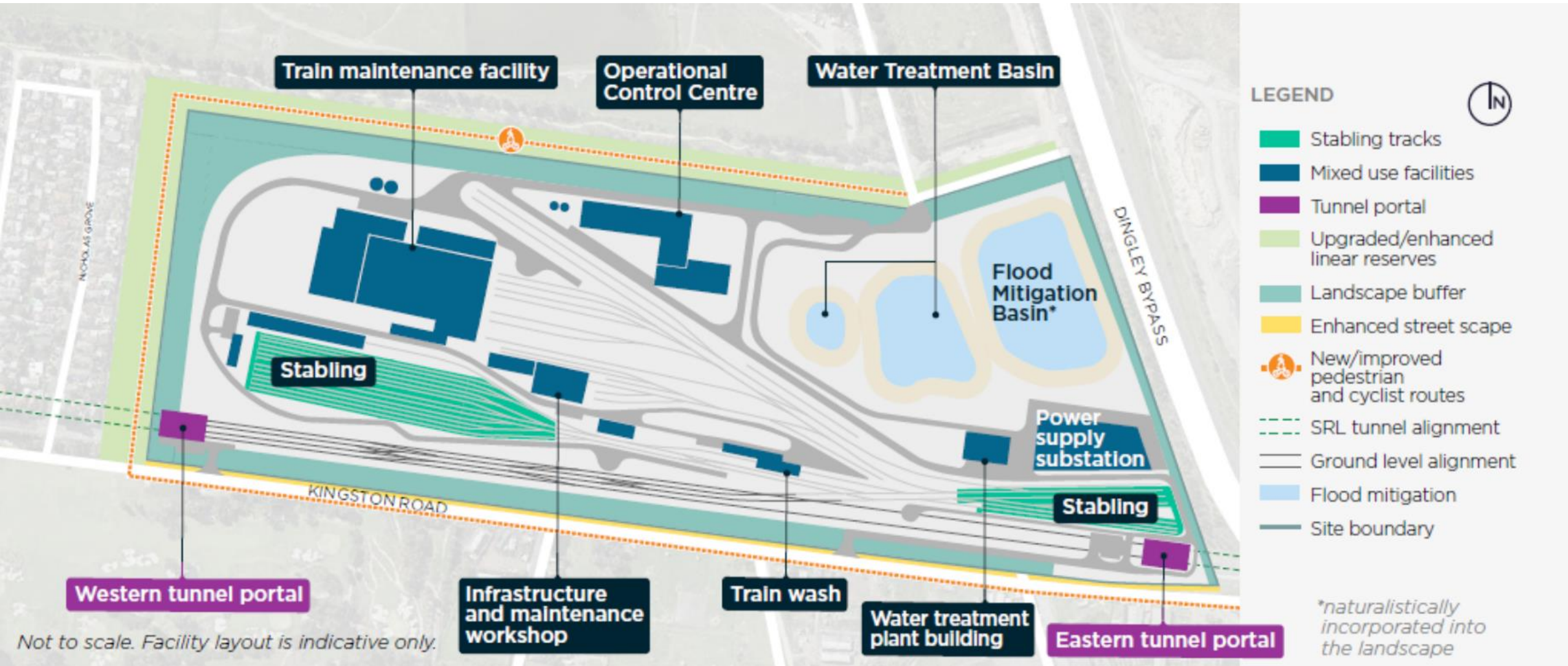
Previous actions

Previous actions

Action	Owner	Due	Status
<p>Laing O' Rourke to provide outline of the general construction works complaint process including response timeframes</p> <p><i>LOR provided an attached outline of the Complaints and Enquiries process in a previous CRG email and August CRG minutes</i></p>	LOR	ASAP	Closed
<p>LOR to provide any relevant additional information on drainage pits</p> <p><i>Map and summary provided in previous CRG email and August CRG minutes</i></p>	LOR		
<p>SRLA to share indicative distance of eastern tunnel portal to Kingston Road and Dingley Bypass</p> <p><i>Details provided in previous CRG email and August CRG minutes</i></p>	SRLA		
<p>SRLA to provide clarity on eligibility or options for subdivision under the Voluntary Purchase Scheme (VPS)</p> <p><i>Details provided in previous CRG email and August CRG minutes</i></p>	SRLA		

Previous actions

Action	Owner	Due	Status
<p>SRLA to provide further clarity on timing for the implementation of any traffic assessment outcomes including U-turn facility</p> <p><i>Details provided in August CRG email and minutes</i></p>	SRLA	ASAP	Closed
<p>SRLA to provide potential gate locations along Kingston Road as exhibited in EES</p> <p><i>Details provided in August CRG email and minutes</i></p>	SRLA		
<p>Future presentation opportunities:</p> <ol style="list-style-type: none"> 1. Voluntary Purchase Scheme – SRLA 2. Kingston Road traffic assessment – SRLA 3. Buffer zones and ground levels of the stabling facility – SRLA 	SRLA		
<p>SRLA and Kingston City Council to discuss ownership of drainage pit mentioned in the CRG</p> <p><i>Kingston City Council is investigating and will report back to the CRG</i></p>	SRLA	Future CRG	Pending
<p>Future presentation opportunities:</p> <ol style="list-style-type: none"> 1. Air, dust, noise and vibration assessments- LOR / SRLA 2. Flood modelling – LOR & SRLA 3. Eastern Portal excavation construction methodology - LOR 4. 631 bus route – Department of Transport and Planning- DTP 			

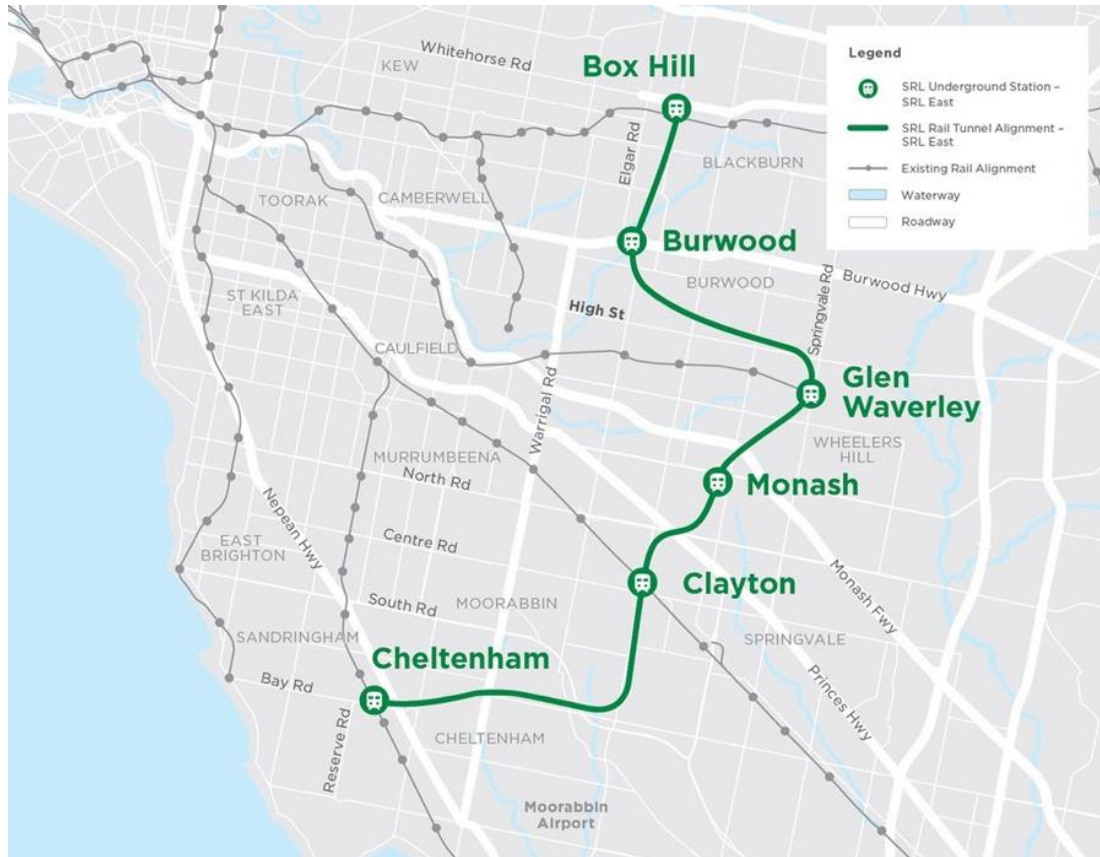



Action following community enquiry: We can confirm all trains will run above ground between the tunnel portals.

SRL East update


SRL East

Major works contracts are moving forward




A&B 
In delivery

Initial & Early Works
All station precincts/stabling

C 
Preferred bidder announced

Tunnelling
Cheltenham through Clayton, Monash to Glen Waverley

D 
In procurement

Tunnelling
Glen Waverley to Box Hill

E

Station building and fit out works
Cheltenham, Clayton, Monash

F

Station building and fit out works
Glen Waverley to Box Hill

G 
In procurement

Line-wide fit out, traction, signalling, operations and maintenance

Works Package C overview

Works Package C – SRL East’s first tunnelling contract

Suburban Connect – a consortium including global tunnelling experts CPB, Acciona and Ghella announced as preferred contractor on 29 August 2023.

Works will include:

- 16-kilometre **twin tunnels** from Cheltenham to Glen Waverley
- **55 cross passages**
- **Tunnel Boring Machine (TBM)** procurement, launch and operation
- **Tunnelling support facilities** – including soil treatment – at Heatherton
- **Construction of western portal** structure at Heatherton stabling facility
- **Station box construction** at Clayton and Monash (including excavation and temporary structures).



Image: Works Package C alignment

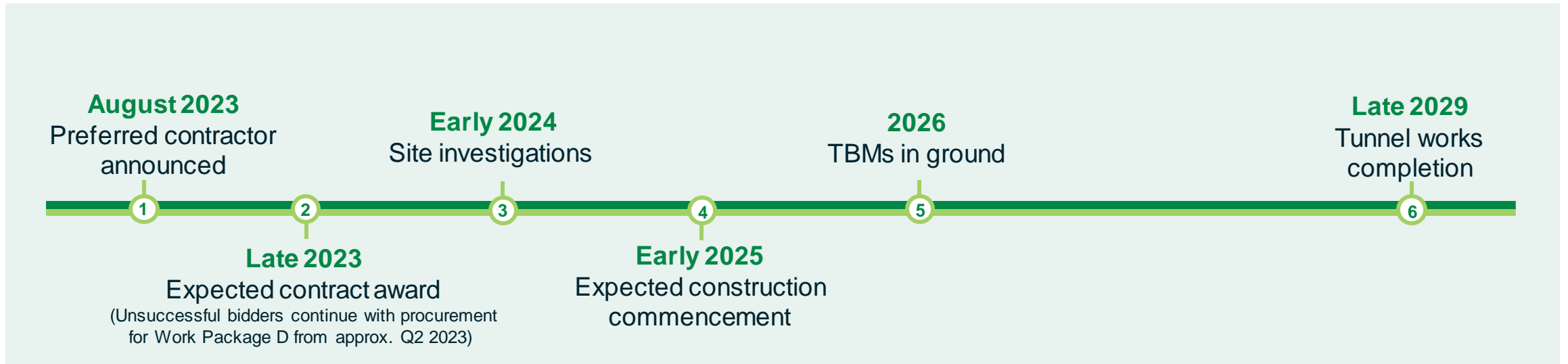
Next steps

- **Contract award expected shortly – December 2023**
- Additional site investigations begin across alignment from early 2024 to further inform tunnelling planning
- Most stakeholders and community introduced to Suburban Connect from early 2024
- More significant preparation works begin from Q2/Q3 2024
- Tunnel Boring Machines in the ground from 2026.



Image: Tunnel Boring Machine 'Millie', Metro Tunnel

Works Package C construction timeline



Works in Heatherton

Current Works in Heatherton

- Safe asbestos removal
- Survey works
- Utility connections
- Tree and vegetation removal
- Construction of permanent site facilities for staff.



Image: Permanent site facilities at 217 Kingston Road

Current works – Site Investigations

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

Traffic changes include:

- Road closures
- Detours
- Reduced speed limits.

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

Stage One started in early-November and will continue until mid-December.

Stage Two is planned to begin in January for up to three weeks.



Images: Site investigation works along Old Dandenong Road

Upcoming Works in Heatherton

- Piling trials late 2023, in preparation for Tunnel Access Structure (TAS) construction
- Construction of the TAS from early 2024
- Construction of a bentonite plant as part of site establishment to assist ground improvement works for the TAS.



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



Image: An example of a bentonite plant to be installed to enable TAS construction.

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 structure.

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 together.

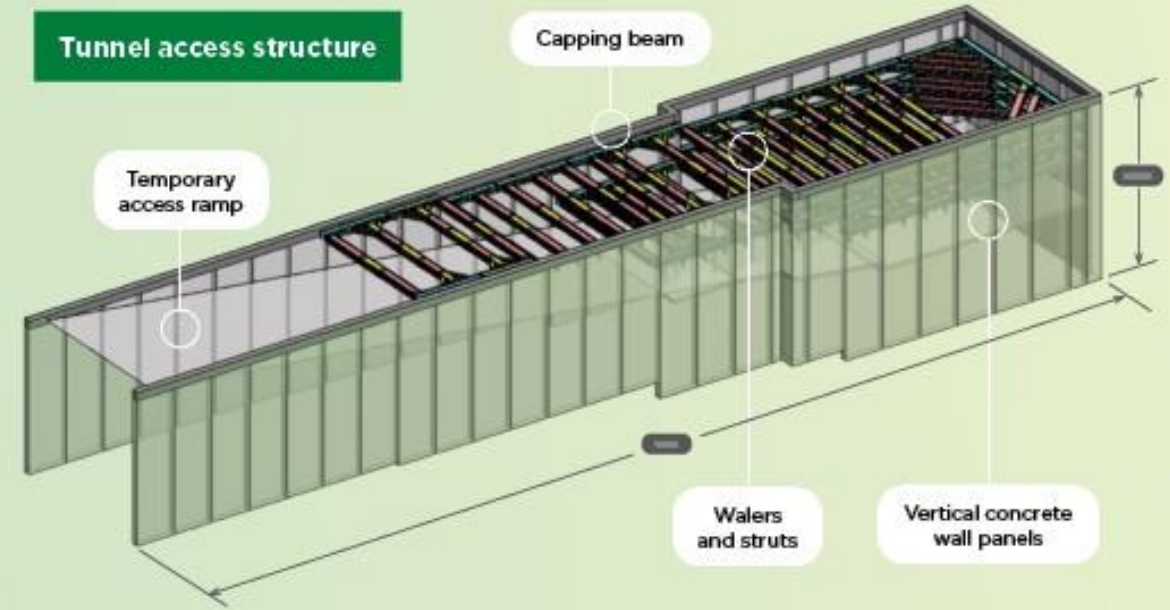
Stage 3

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 structure



SRL East year in review

2023 Milestones



Box Hill

- Tram terminus relocation
- Site establishment
- Site investigations



Burwood

- Replacement park opening
- Tunnel access structure piling
- Site establishment stage one
- Site investigations



Glen Waverley

- Water pipe relocation
- Site establishment
- Car park consultation underway
- Site investigations



Monash

- Site investigations
- Site establishment



Clayton

- Site investigations
- Community space consultation



Heatherton

- Site establishment
- Asbestos material removal ongoing
- Site investigations



Cheltenham

- Site investigations

2023 Heatherton Community Engagement

Events in 2023	Date
Kingston Farmers Market	4 February 2023
Heatherton Community Reference Group #1	7 March 2023
Heatherton community information session	17 May 2023
Cheltenham Sunday Market	21 May 2023
Heatherton Community Reference Group #2	30 May 2023
Kingston Farmers Market	5 August 2023
Heatherton Community Reference Group #3	29 August 2023
Moorabbin shopping centre pop-up	7 September 2023
Kingston Arts Centre community listening post	4 October 2023
Kingston Spring Fair	21 October 2023
Heatherton Community Reference Group #4	5 December 2024



Image: Heatherton information session (May 2023)

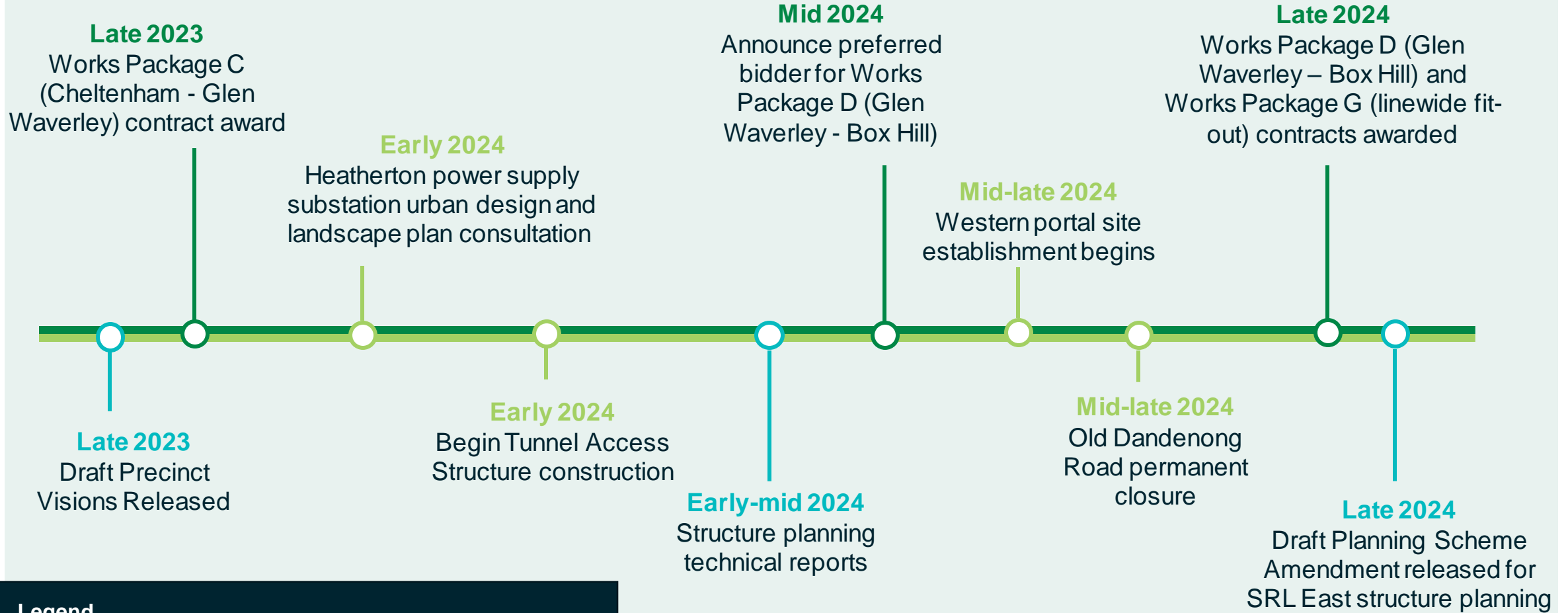


Image: Kingston Farmers Market (August 2023)

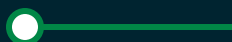
SRL East Lookahead

Lookahead

OFFICIAL



Legend



Rail infrastructure



Heatherton specific



SRL East structure planning

Questions and discussion