

Information Sheet - Silvertown Works

Riverlinx CJV are working on behalf of Transport for London to construct the Silvertown Tunnel.

What are we doing?

Riverlinx CJV continues to prepare the site from where the tunnel boring machine (TBM) will depart in Spring 2022. The following works are ongoing or starting.

Arrival of TBM parts – December 2021

Construction work is well underway and site operations have been established on both sides of the river in preparation for the arrival of the TBM. The first pieces began to arrive on site this week, (see fig.2 below) keeping to programme for launch in Spring 2022. Due to the extraordinary weight of the compartments, and the location of our site, a combination of barge and lorry movements are being deployed to transport the parts which will arrive in scheduled deliveries over the coming months. We aim to minimise road use and optimise river transportation.

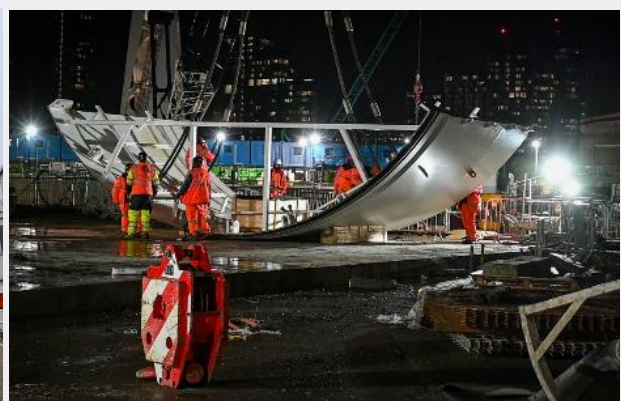


Fig.1: Silvertown Tunnel TBM following factory acceptance test Fig.2: First parts (TBM tailskin) being delivered to site

Lower Lea Crossing utility works – January / February 2022

In order to carry out utility and telecom diversions, we will be undertaking staged lane closures of both carriageways of the Lower Lea Crossing starting on the 10th January until 18th February 2022. This is to prepare for the construction of the new tunnel entrance.

Dock Road water supply works – January 2022

In the new year, Thames Water need to undertake water connection works in Dock Road to provide a suitable water supply to service the future tunnelling operations. These works will be carried out in front of our site entrance and are expected to take a maximum of 1-2 weeks to complete, starting in January 2022.

Tunnel approach enabling works – December 2021

To build the tunnel approach, which will be located underneath the DLR viaduct as shown in the map below, we must undertake some enabling works to safely divert the rising main pipes. These works will include the installation of sheet piles to protect the viaduct piers. This will take place in core hours, starting on the 13th December and we expect to complete before 24 December when the site will be closed for the Christmas break.

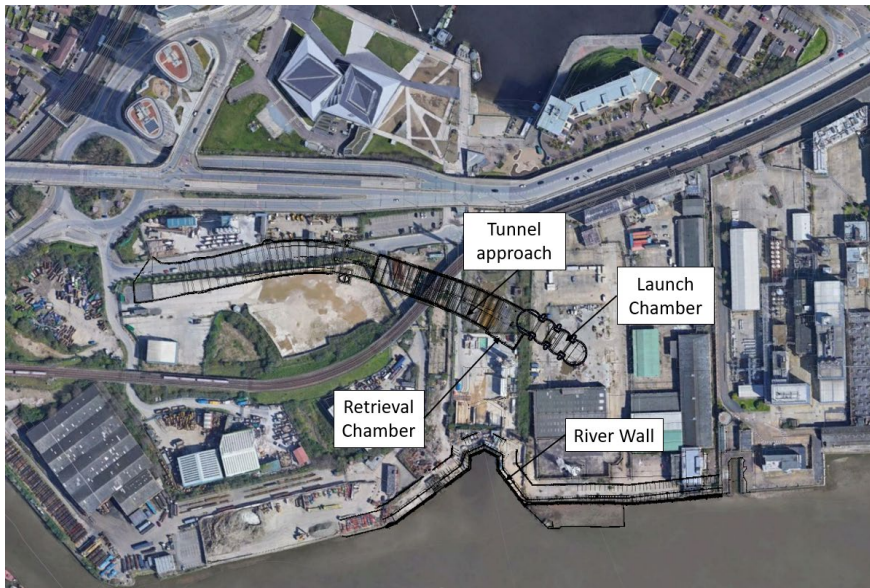
River Wall construction – will continue until the end July 2022

Before the tunnel can cross under the River Thames, the existing river wall needs to be replaced to future proof the current structure and defences.

Works in this area have progressed with 180m of sheet piles being installed to date since these works began in August.

Piling and excavation work

In September, rotary piling began at the north of the launch chamber to form the foundations of the retrieval chamber (where the TBM will finish its journey and be extracted from in the future) - see map overlay below. Piling work in this area has progressed well and is almost complete.



Excavation works are taking place behind the retrieval chamber area to create a working platform. This is where the TBM crane will operate from. Challenging excavation works continue in the launch chamber area to reach a depth of 23m. This exciting area of the project is where the TBM will be built and launched from as it begins its journey south across the river.

To ensure the integrity of the launch chamber, reinforcement work needs to progress in a continuous fashion throughout the night as the ground is lowered within the structure. Both piling and excavation works are expected to continue until March 2022. Noise reduction measures are applied at night such as minimisation of plant movements and noise monitoring continues to ensure the noise levels stay within the limits as agreed with the Council.

Community Liaison Group (CLG)

CLG meetings are held quarterly to provide an update to the community on construction progress, how we deliver our works plus job and apprenticeship openings. If you would like to attend, please get in touch via the Helpdesk contact details shown in the right-hand column.

- **Core hours:** Mondays to Fridays: 08:00 to 18:00; Saturdays: 08:00 to 13:00.
- **Extended hours:** Mondays to Fridays: 06:00 to 08:00 and 18:00 to 22:00. Saturdays: 06:00 to 08:00 and/or 13:00 to 18:00 subject to approved consent.
- **River wall extended hours:** Monday to Saturday 06:00 to 08:00 and 18:00 to 22:00 N.B. All extended hours will only be used if necessary.
- **Excavation and piling:** Operations will extend into the night until March 2022.
- **Christmas shutdown:** Our site will be closed from 24 December – 04 January 2022. From all the Silvertown Tunnel team, we wish you a Merry Christmas 2021. 🇬🇧

Any questions?

Please get in touch:

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24/7 Helpdesk:

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