

# Northern Line Extension

## BI-MONTHLY UPDATE

September - October 2016

### Kennington Green

Thank you for your patience whilst we continue with the Northern Line Extension works near you. We would like to update you on where we are and what is planned for the next four to eight weeks.

#### What has been completed?

Excavation of the shaft inside the acoustic enclosure to approximately 25m depth, is now complete.

Also, the 15m diameter tunnel boring machine (TBM) reception 'backshunt' has been completed and a 'soft eye' has been formed at the end. This is a thinner area of sprayed concrete which will be a reception area for the TBM when it arrives to Kennington next year. The purpose of this "soft eye" is that the TBM breaks through and allow for its shield, from side of the TBM ( see pictures below, left) to be removed and taken to the surface through the shaft. The back-up machinery is dismantled and taken back along the tunnel for disposal or recycling.

Excavation of the running tunnel, or 'frontshunt' towards Kennington station will start in the week commencing 12 September. This running tunnel will be 211m long when complete in early December 2016.

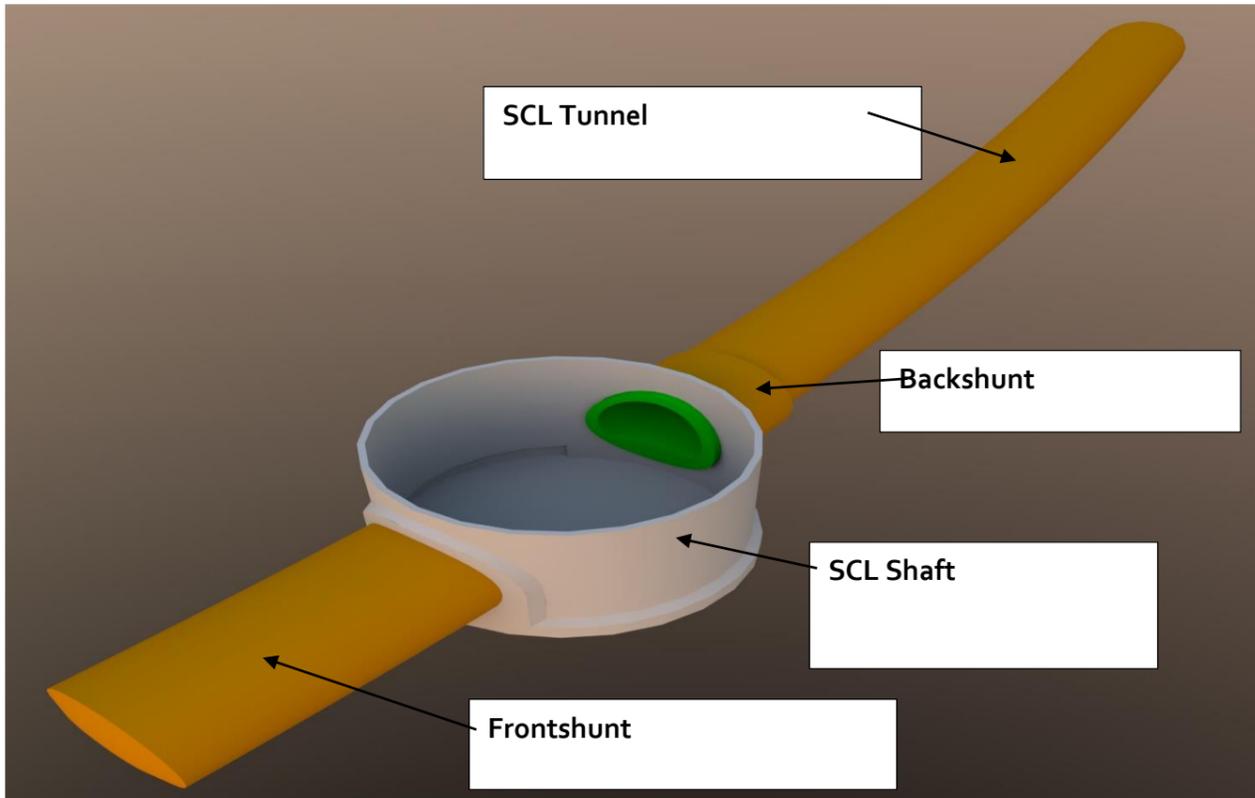


Three images of the Kennington Green Acoustic enclosure shaft. August 2016

#### What is planned

Work has started on the replacement controlled pedestrian crossing near to the bus stop on Kennington Road. This is due to be complete around the end of September. During this operation there will be some traffic management in place, including temporary traffic lights and the temporary closure of the Bus Stop. Residents may be aware of work being carried out during the night to avoid peak hour traffic.

The tunnels are being formed using a method called Sprayed Concrete Lining (SCL). The concrete is mixed inside the acoustic enclosure. Each 1m advance of the running tunnel uses approximately 10 cubic metres of sprayed concrete. Excavated material from the tunnel is being removed by truck. The material excavated overnight will be stockpiled within the enclosure ready to be removed the following day.



To date, over 20,500 tonnes of excavated material has been removed in over 690 lorry movements. The material goes to a disposal at an environmental land site and nature reserve in Essex.

If you would like to know more about tunnelling and the NLE works, we are holding a Community Drop In Session at our Kennington Park offices between 3pm and 7pm on **Wednesday 28 September**.

The address: NLE Kennington Park Site Office, Kennington Park Place.

The next Kennington Green Community Liaison Group meeting taking place on Thursday 20 October between 18:30-20:00 with a public surgery from 18:00, venue TBC.

**Our working hours are now 24 hours a day 7 days a week to support tunnelling. This will continue until the completion of the shaft and tunnel in 2018.**

**Our core working hours for non-tunnelling activities are Monday to Friday 08:00 to 18:00 and**

**Saturday 08:00 to 13:00 with quiet maintenance allowed between 13:00 and 18:00.**

**Note:** To support 24/7 tunnelling operations, the NLE has made an application for extension of the Section 61 agreement to the Local Authority. This will allow up to 3 deliveries of cement mix from 13:00 and 18:00 on Saturdays and between 10:00 and 16:00 on Sundays.

We will endeavour to minimise disturbance and will manage the work in accordance with the Code of Construction Practice, including the control of noise, vibration and dust using best practicable means.

**If you have any concerns or queries, please contact us at [nle@tfl.gov.uk](mailto:nle@tfl.gov.uk)**

**or call our 24/7 Helpline on 0343 222 2424 (Option 1)**