

Northern Line Extension

Kennington Green

Community Liaison Group

7 July 2016

Delivering the Northern line extension with

ferrovial
agroman



MAYOR OF LONDON



TRANSPORT
FOR LONDON



Summary Update April – June 2016



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- Piling Works complete
- 300 mm sewer diversion complete
- Lining of Thames Water sewer complete
- Capping beams 90% complete
- Temporary foundations for acoustic enclosure complete
- Temporary acoustic enclosure construction ongoing
- Road access to Montford Place from Kennington Road reinstated & Emergency/Access Gate Closed



Summary Update April – June 2016

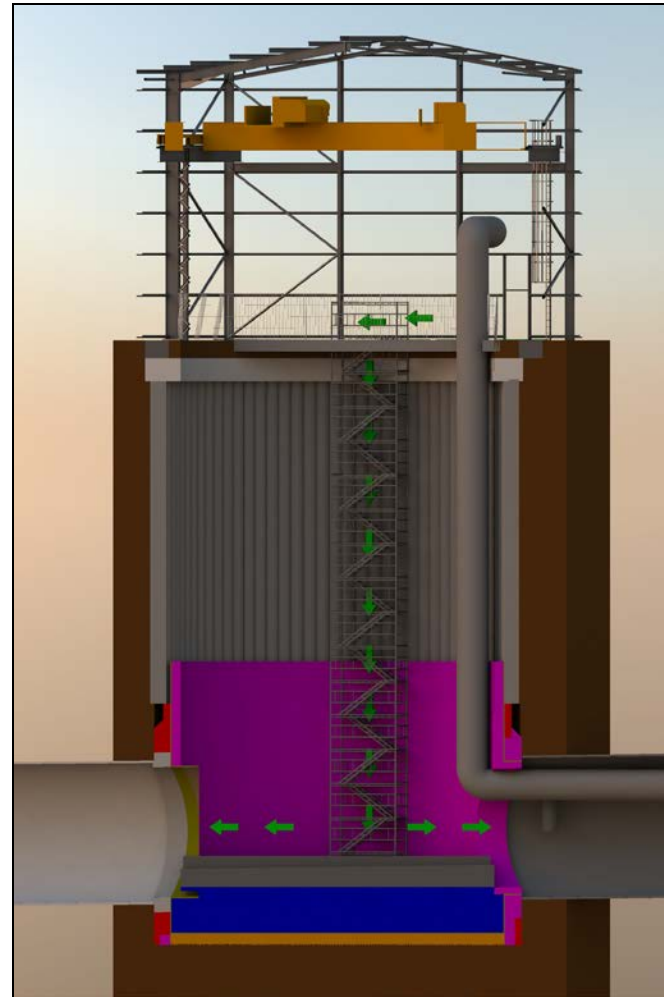


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KG Look Ahead Jul - Oct 2016

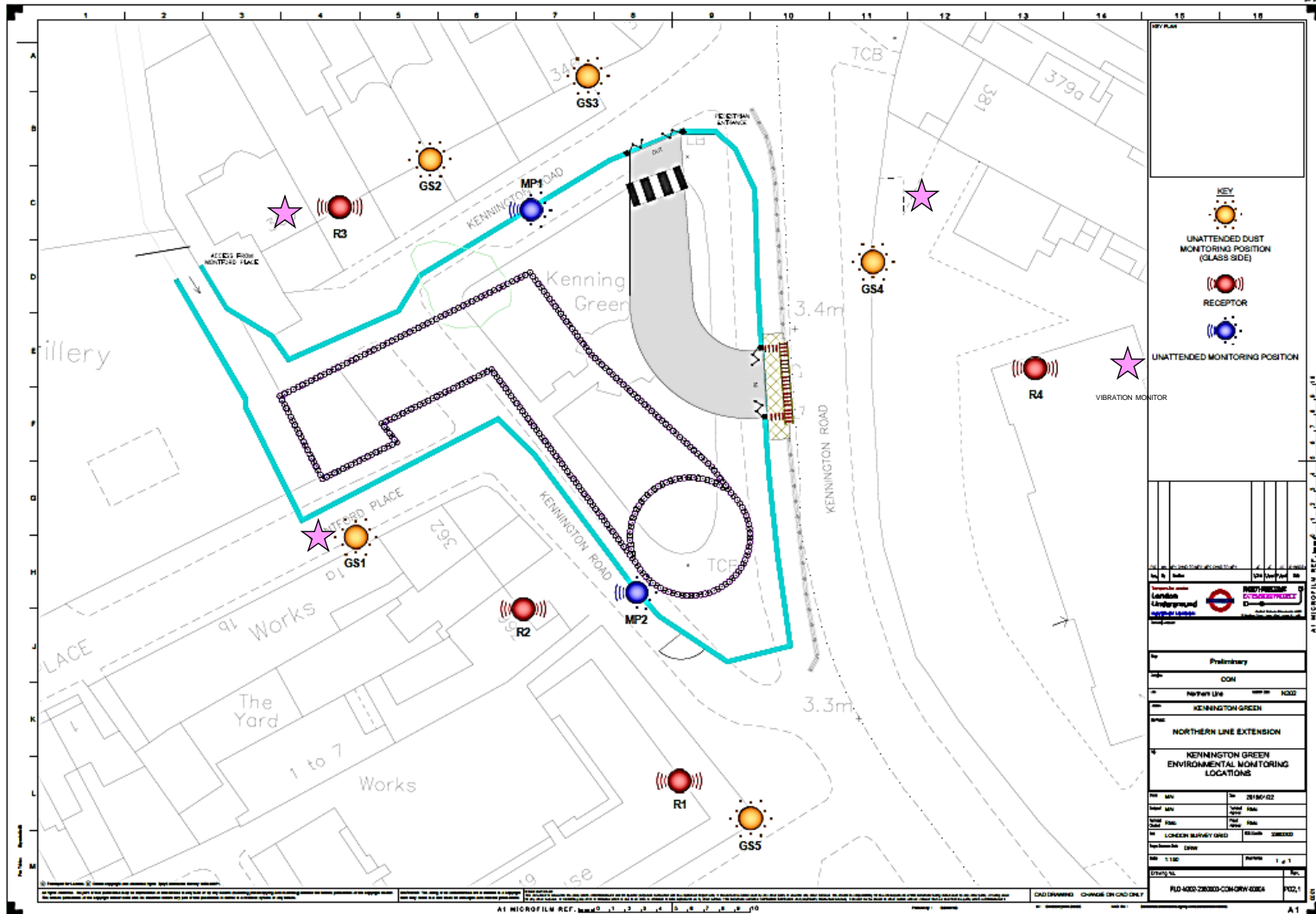
- Excavation of shaft
- Shaft construction & sprayed concrete lining (SCL) tunnelling commences – 24/7 works
- Ongoing monitoring equipment installation and pre-construction defect surveys
- Temporary crossing installed to south of Green



KG Environmental Monitoring Locations



FERROVIAL AGROMAN
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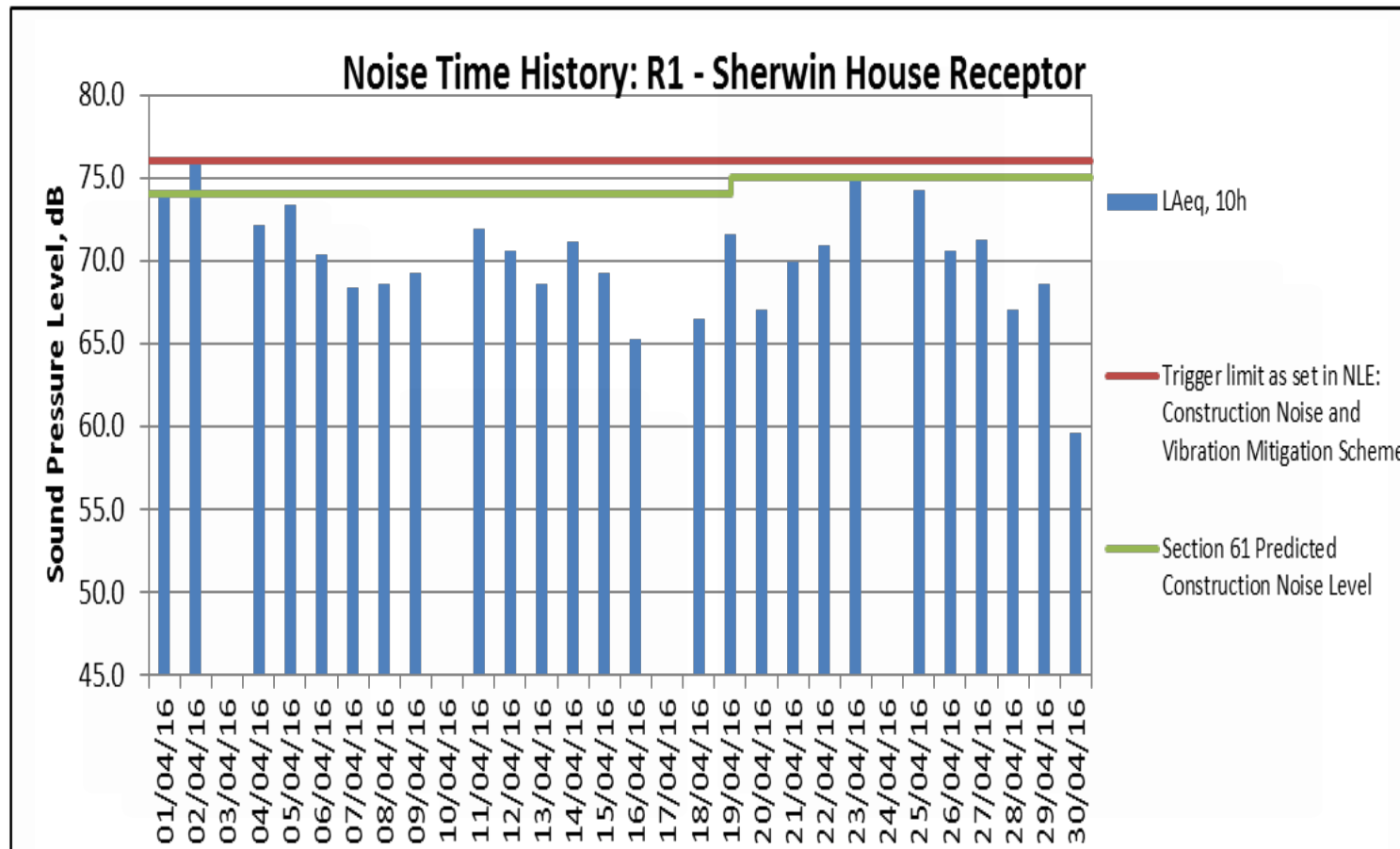
Monitoring Results Summary

- 1 noise exceedances at MP1
 - 17th May 2016
- Dust slide exceedances
 - 01 to 15 Apr 2016, GS1&GS2
 - 10 to 24 June 2016, GS4

Noise Profile – April 2016



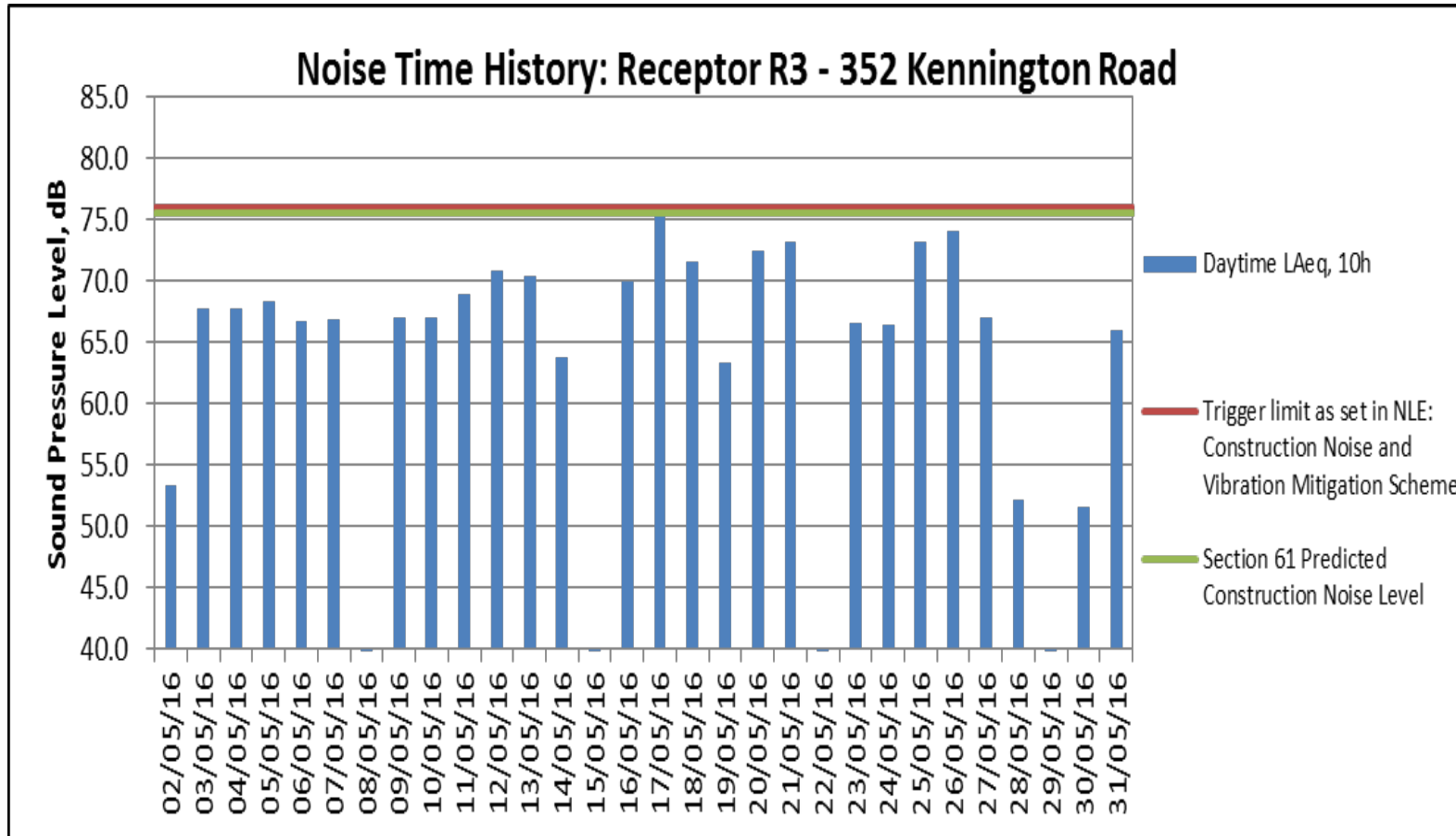
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Noise Profile – May 2016



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Temporary Noise Enclosure



Receptor	Acoustic Enclosure Noise attenuation predictions L_{Aeq} (dB)		
	No enclosure	With door open (daytime)	With door closed (night time)
KG1	71	65	44
KG2	76	66	35
KG3	70	35	33

Noise Mitigation Scheme

- The NLE Construction Noise & Vibration Mitigation Scheme details the provisions in place if noise thresholds are exceeded i.e. noise insulation and/or temporary rehousing
- 'Construction noise trigger levels' are detailed in the scheme
- The scheme details how residents are eligible under the scheme and what do to if you believe you are
- Copies of the scheme are available on the NLE website and there are hard copies to take away

Window cleaning

- Houses on the Green are eligible for window cleaning by an NLE-appointed company
- Window cleaning (front windows only) is done once every three months

Kennington Green Head House



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Your Feedback

You Suggested	We Did
Gate in Montford Place be locked when closure of Kennington Road lifted on 24 June	Gate closed and under LB Lambeth control. Gate now locked with a Universal Lock, acceptable to Emergency Services.
Provision of information on effectiveness of acoustic enclosure	Provided visual and audio presentation at CLG's and Drop In Sessions.
Review potential noise sources at Montford Place Logistics Base	Jet Spray equipment moved and noise mitigated where possible. Signage installed on worksite to remind workforce of obligation to respect community close by.
Vibration from the site works causing vibration	Vibration monitor installed, data shared with residents and a meeting had with resident and noise & vibration consultants. A new monitoring regime is to be put in place.
Correspond with delivery drivers illegally using Montford Place as a rat run	Contacted companies on behalf of the Community to request their drivers obey road rules and respect community.



Engagement Opportunities

- CLG meetings
- One to one meetings
- Drop in sessions
- School and Youth Engagement
- Stakeholder Activities
- LEAP group meetings
- Cycling safety Events



Ways to contact us

- It is important that calls are logged through the NLE 24/7 helpdesk on 0343 222 2424
- Email nle@tfl.gov.uk
- Regular drop in sessions
- Please visit:

<https://tfl.gov.uk/northern-line-extension>

Kennington Step Plate Junction and

Logistics update

7 July 2016

Tunnelling Works



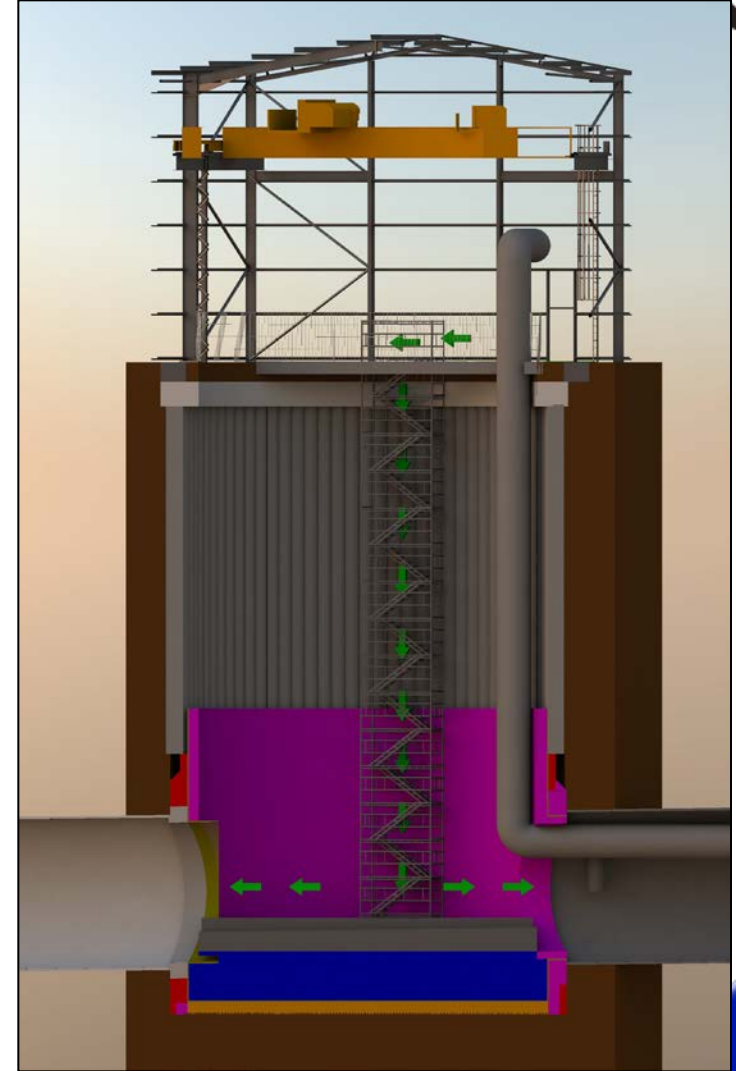
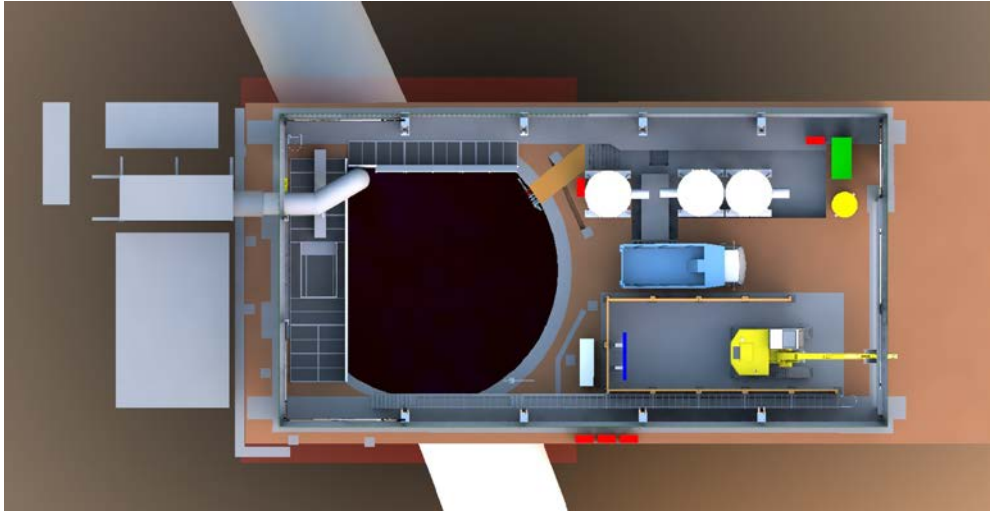
- Works will take place 24/7
- All work will be undertaken by small mechanised plant and hand tunnelling techniques.
- Things that will be monitored while we tunnel:
 - Noise
 - Vibration
 - Dust
 - Ground movement
 - Excavation profile control



Tunnelling scope of works



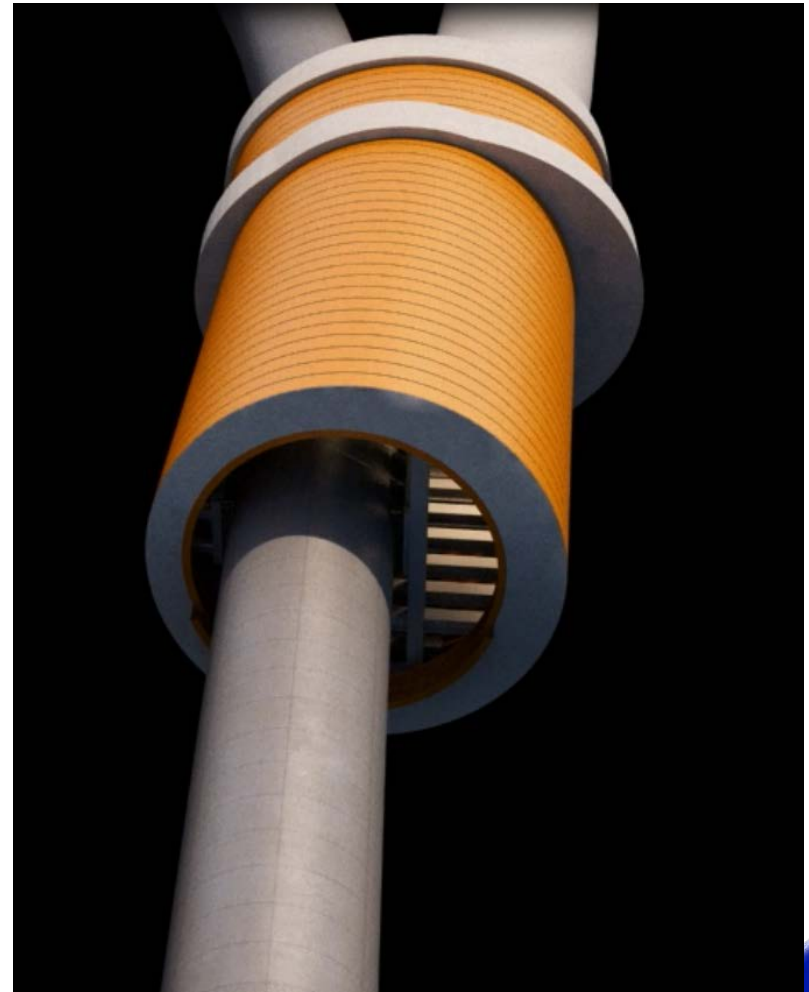
Tunnelling Set-up



Sprayed Concrete Lining Technique



Step plate junction



Step plate junction



Programme and advance rate



- Commence SCL shaft July 2016
- Commence SCL tunnelling September 2016
- Commence SPJ February 2017
- Typical SCL advance a day is 1.5 meters a day.



Kennington Logistics

