



Railway Neighbour

Our ref: LTN1 13+0928

Contact & Communities
Network Rail
One Eversholt Street
London
NW1 2DN

T 03457 11 41 41

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Dear Neighbour,

Crossrail Programme – Essential Improvement Works – Gidea Park Update

Network Rail is undertaking essential improvement works in your area as part of the Crossrail Programme, linking Reading and Heathrow in the west to Shenfield and Abbey Wood in the east, via new tunnels under central London.

As part of the Crossrail project, some infrastructure and station upgrades are required between Stratford and Shenfield. At Gidea Park station we will refurbish the footbridge to improve accessibility to the platforms, including provide a small lift within the footbridge and two lifts to platform level. At the eastern end of the station the platforms will be extended to accommodate the new longer Crossrail trains. Improvements will also be made to the public address, CCTV and customer information systems.

The infrastructure upgrades will allow for more reliable and more frequent rail services. Included within this upgrade is the installation of signalling equipment in the vicinity of Gidea Park station.

When Crossrail fully opens in 2019, passengers from Gidea Park will be able to travel through central London to destinations including Tottenham Court Road and Bond Street without having to change trains.

All work will be managed in order to minimise disruption to our neighbours, residents and businesses. However, safety is our number one priority and unfortunately this means some of our works have to be carried out while trains are not running. This means carrying out a lot of our improvements during the weekends, at night and over holiday periods. In order to plan your journey, [please check tfl.gov.uk/festive](http://tfl.gov.uk/festive) or [National Rail Enquiries](http://NationalRailEnquiries) before you travel over this Christmas period.

Please see overleaf for further information regarding upcoming work in your area.

Station Works

Date and Time	Description of works
<p>December 2015 to March 2016</p> <p>Weekends</p> <p>Typically 23:59hrs Sat to 05:00hrs Mon</p> <p>Some daytime working will also take place Mon to Sat:</p> <p>08:00 -18:00</p> <p>(08:00 – 13:00 Sat)</p>	<p>We have now completed encapsulation of the station footbridge structure and removed the roof material. The structure is now being stripped of rust and old paint. Repairs and reinforcement will then be made and a new roof fitted.</p> <p>The stripping process may be noisy and much of the work will take place at night due to the proximity to the overhead power lines.</p>
<p>December 2015 to June 2016</p> <p>Weekends</p> <p>Typically 23:59hrs Sat to 05:00hrs Mon</p> <p>and</p> <p>Christmas 2015</p> <p>2300 hours 24 December 2015</p> <p>To</p> <p>0800 hours 4 January 2015</p> <p>(24hr working)</p>	<p>Construction of two lift shafts between footbridge and platforms, this involves driving steel piles into the ground using either a vibrating, hammer or auger method. Hammer piling, being the loudest, will only be used during daylight hours. Some of these piling activities will be over the Christmas.</p> <p>Over the Christmas period we will also be renewing 200 metres of track at the east end of the station and associated overhead line works. This will involve the use of engineering trains and road rail vehicles.</p> <p>Please note, over the Christmas period, we will be using the car park of the Royal Liberty school for staff parking only.</p>
<p>Dec 2015 to September 2016</p> <p>Weekends</p> <p>Typically 23:59hrs Sat to 05:00hrs Mon</p>	<p>Platform extension works at the eastern end of the station, to create the foundations some sheet piling will be necessary to protect the track from the excavations. The piling process involves using a vibrating attachment to insert steel sheets into the ground. Residents may notice an increase in noise levels during this process.</p>
<p>December 2016</p>	<p>Remove welfare facility and hoardings, tidy site.</p>

Gidea Park Sidings

Starting January 2016 we will take possession of the carriage sidings that run behind Upper Brentwood Road, Cambridge Avenue, Evelyn Sharp Close, Amery Gardens, Stafford Avenue and Kidman Close, while we have sole use of the sidings site the trains will be parked elsewhere on the network.

Over a ten week period we will work seven days a week to replace the five existing sidings with four new sidings, requiring 8000 tons of new ballast, over 2 kilometres of new rail, 27 steel piles for overhead line gantries and signals, plus driver walkways, lighting and track

drainage. Although much of the material will be delivered via engineering train, our compound at Cambridge Avenue will be in constant use for the delivery of specialised machinery and materials.

Date and Time	Description of works
<p>Dec 2015 to May 2016</p> <p>Weekends</p> <p>Typically 23:59hrs Sat to 05:00hrs Mon</p> <p>Some daytime working will also take place Mon to Sat:</p> <p>08:00 -18:00 (08:00 – 13:00 Sat)</p>	<p>Installation of track drainage, delivery of new track materials and removal of old sidings. Installation of new track, points and ballast. This will involve the use of road rail vehicles, mechanical excavators, engineering trains, hand held power tools and track welding equipment.</p> <p>Some activities, such as removal of the old sidings will take place during daylight hours. Although residents living close to the sidings will notice an increase in noise levels during this time, these activities are not as loud as piling.</p>
<p>January 2016 to April 2016</p> <p>Weekends</p> <p>Typically 23:59hrs Sat to 05:00hrs Mon</p> <p>Some daytime working will also take place Mon to Sat:</p> <p>08:00 -18:00 (08:00 – 13:00 Sat)</p>	<p>Piling operations to create new bases for overhead line equipment. 'Piling' is the process used to install bases for overhead gantry structures or signals. These activities usually take place at weekends when trains are not running. Each pile takes approximately 35-45 minutes to install. There are two methods of inserting the steel piles into the ground, vibration and hammer. Our default method is always to use the vibrating method as this is not as noisy.</p> <p>The machine operator will only switch to the hammer method if ground conditions resist the pile being vibrated into position and we will only undertake hammer piling during daylight hours. Although we will be using an acoustic barrier to shroud the pile as it is driven into the ground, residents living close to the sidings will notice an increase in noise levels as each pile is installed.</p> <p>During the piling activities monitoring is undertaken to ensure that agreed noise levels are not exceeded.</p>

Railway Signal Upgrades

Starting in January 2016, we will be upgrading the existing signals along the railway. The work will involve the installation of a new overhead gantry which will span five railway lines, installation of an Equipment Building (REB), signals, small metal cabinets and other signalling equipment. There will also be testing and commissioning of the newly installed equipment.

Typical machinery to be used will include powered hand tools, generator powered drill and a crane will be required to install the gantry and REB. Planned signals work is within the area bounded by Upper Brentwood Road to the west and the A127 to the East. We will aim to use hand tools where possible although in some cases power tools may be required, these will be screened to prevent excessive noise being produced.

Please see overleaf for further information regarding upcoming signals work in your area.

Date and Time	Description of works
January 2016 Weekend Days/Nights Typically 23:00hrs Sat to 05:00 Monday	Installation of small metal cabinets next to the track, Installation of the uprights for the overhead signalling gantry, Delivery of a Relocatable Equipment Building which is required to power the signals.
February 2016 Weekend Days/Nights Typically 23:00hrs Sat to 05:00 Monday	Installation of the remaining small metal cabinets and site surveys.
March 2016 Weekend Days/Nights Typically 23:00hrs Sat to 05:00 Monday	Installation of the crosspieces of the gantry which will span five rail lines, installation of signals and further site surveys and testing of the newly installed equipment.
April 2016 Weekend Days/Nights Typically 23:00hrs Sat to 05:00 Monday	Final work on the overhead gantry and associated works on track.

We apologise for any inconvenience these essential works may cause. Whilst we do anticipate some of these works to be quite noisy at times, Best Practicable Means are adopted in order to keep noise levels to a minimum. The local authority has been, and will continue to be, consulted through the Control of Pollution Act 1974 (Section 61) process regarding the implementation of the works.

I hope this information is helpful. However, if you have any additional questions or concerns, please telephone our **24-Hour National Helpline on 03457 11 41 41** and for more information about the Crossrail Programme please visit www.crossrail.co.uk

Yours faithfully

Darren Green
 Community Relations Executive
 Crossrail East Programme