

November 2011

## Construction of a grout shaft in Sheraton Street

### DURATION OF WORK

- Grout shaft construction: six weeks from 2 December 2011
- TAMs construction: four months from end of January 2012
- 24 hour working on weekdays from early December (subject to consent)
- Saturday working hours 8.00 until 13.00 (with one hour start up and shut down periods are also permitted)

### WHAT TO EXPECT

- Continued closure of the east end of Sheraton Street and erection of hoarding with Perspex viewing panels
- Diversion of pedestrians around Sheraton Street
- Suspension of the resident's and motorcycle parking bays

### WHAT WE WILL DO

- Operate 24 hour security
- Monitor noise and dust and keep within permitted levels
- Work with affected properties to maintain vehicular access where possible

Our works to divert utilities in Sheraton Street are now complete and we can begin to construct the grout shaft that will ensure nearby properties are protected from settlement (small movements of the ground) during the construction of the new Tottenham Court Road Crossrail station and tunnelling works.

This work is due to begin on 2 December. We will use hydraulic equipment to push concrete rings into the ground which will form the shaft walls. Simultaneously, we will use a small digger or hand tools to excavate the shaft within the rings to a depth of 12 metres.

We're aiming to complete this work before Christmas so that we can close down the worksite over the period. To do this we will need, subject to Westminster Council's consent, to work 24 hours a day on weekdays. We don't expect this to be a noisy operation but will ensure that we monitor noise and employ measures to mitigate it where required.

Once complete, we will lower equipment into the shaft to drill out an array of small diameter tubes (known as TAMs) beneath buildings that could be impacted by settlement. Through these we can then inject a cement-like material called grout to firm up the ground. Drilling of the TAMs will start in February 2012. For safety reasons we will need to do this 24 hours a day, seven days a week although, because the drilling will be carried out from within the shaft, we expect minimal disruption.

The TAMs will take about four months to complete, ready to use by summer 2012. The Crossrail tunnel boring machines are expected to arrive in the Sheraton Street area in September 2012. Settlement can occur up to a year after all the underground works have been completed so the grout shaft may need to be in place until 2015 (although it may be possible to reduce the size of the worksite once the TAMs have been completed).

More information about settlement can be found on the Crossrail website: <http://www.crossrail.co.uk/route/communities/ground-settlement>

Pedestrian access along Great Chapel Street from Carlisle Street, Hollen Street and Oxford Street to the Medical Centre, St. Patrick's College, Essential Music and the Star Café & Bar will be maintained.

During these works we will do everything possible to minimise disruption to the local community. This will include using the best practical means to minimise any noise and dust generated by our works.

We apologise for any inconvenience caused. If you have any queries, please contact the 24-hour public helpdesk on 0345 602 3813 or email [helpdesk@crossrail.co.uk](mailto:helpdesk@crossrail.co.uk)



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www.crossrail.co.uk  
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Arabic تتوفر المعلومات عن مشروع «كروس ريل» (Crossrail) بلغات مختلفة وتسجيل صوتي على كاسيت وبلغة بريل. يرجى وضع علامة في المربع المناسب لمعرفة الطريقة التي تطلبها. اضع اسمك وعنوانك واعيده الى «كروس ريل» على العنوان المذكور أدناه.

Bengali বিভিন্ন ভাষাতে, অডিও এবং ব্রেইল ফরম্যাটে ক্রসরেল সঙ্কে তথ্যাবলী পাওয়া যাচ্ছে। আপনার যে ফরম্যাটে দরকার সেটার পার্থক্যের ঘরে টিক্ চিহ্ন দিন। আপনার নাম এবং ঠিকানা লিখে নিচে উল্লেখিত ক্রসরেলের ঠিকানায় চিঠিটি ফেরত পাঠান।

Chinese 關於橫跨鐵路(Crossrail)的資訊備有不同語文版本，錄音磁帶和盲文。請在相應方格內打鉤表明你的需求，並寫上姓名和住址，然後寄回以下地址。

Greek Οι πληροφορίες για το Crossrail είναι διαθέσιμες σε διάφορες γλώσσες, σε ηχογραφήσεις και σε Μπράιλ. Επιλέξτε το κατάλληλο πλαίσιο για την επιθυμητή μορφή. Σημειώστε το όνομα και τη διεύθυνσή σας και επιστρέψτε το παρόν στο Crossrail στην παρακάτω διεύθυνση.

Gujarati ક્રોસરેલ બાબત માહિતી અનેક ભાષાઓમાં, ઓડિયો અને બ્રેલમાં ઉપલબ્ધ છે. તમને જે ફોર્મેટમાં આવશ્યક હોય, તેની સાથે આપેલ બોક્સમાં મહેરબાની કરીને ટિકનું ચિહ્ન કરો. પોતાનું નામ અને સરનામું લખો અને નીચે જણાવેલ સરનામે આને પાછું મોકલો.

Hindi क्रॉसरेल के बारे में जानकारी अनेक भाषाओं में, ऑडियो और ब्रैल में उपलब्ध हैं। आपको जिस फॉर्मेट में जरूरत हो, उस के साथ दिये बॉक्स में कृपया टिक का निशान लगायें। अपना नाम और पता लिखें और निम्नलिखित क्रॉसरेल के पते पर इसे वापस भेजें।

Punjabi ਕ੍ਰਾੱਸਰੇਲ ਬਾਰੇ ਜਾਣਕਾਰੀ ਅਨੇਕਾਂ ਜ਼ਬਾਨਾਂ 'ਚ, ਅੌਡੀਓ ਅਤੇ ਬ੍ਰੇਲ 'ਚ ਉਪਲਬਧ ਹੈ। ਤੁਹਾਨੂੰ ਜ਼ਿਰੂਰਤ ਵੀ ਫ਼ਾਰਮੈਟ 'ਚ ਲੋੜ ਹੈ ਉਸ ਦੇ ਨਾਲ ਦਿੱਤੇ ਖ਼ਾਨੇ 'ਚ ਟਿੱਕਾ ਕਰਕੇ ਟਿਕ ਦਾ ਨਿਸ਼ਾਨ ਲਾਓ। ਆਪਣਾ ਨਾਂ ਅਤੇ ਪਤਾ ਲਿਖੋ ਅਤੇ ਹੇਠ ਦਿੱਤੇ ਕ੍ਰਾੱਸਰੇਲ ਦੇ ਪਤੇ 'ਤੇ ਇਸ ਨੂੰ ਵਾਪਸ ਭੇਜ ਦਿਓ।

Somali Akhbaarta Crossrail waxaa lagu heli karaa iyadoo lagu qoray luqado kala duduwan, cajal maqal ah iyo Qoraalka Indhoolayaasha. Fadlan calaamadi sanduuqa quseeya si aad u muujiso qaabka aad u baahan tahay. Soo raacsii magacaada iyo cinwaankaada kuna soo celi Crossrail oo laga helo cinwaanka hoos ku qoran.

Turkish Crossrail hakkındaki bilgileri çeşitli dillerde, sesli ve Braille körlere alfabeyle yazılmış olarak alabilirsiniz. Lütfen nasıl istediğinizi gösteren kutuyu işaretleyin. Adınızı ve adresinizi de ekleyerek, Crossrail'in aşağıdaki adresine gönderin.

Urdu کراس ریل کے متعلق معلومات مختلف زبانوں، آڈیو، بریل میں دستیاب ہیں، برائے مہربانی آپ کو جس شکل میں درکار ہیں اُس حوالے سے متعلقہ خانے میں نشان لگائیں۔ اپنا نام اور پتہ کے ساتھ نیچے دئے گئے کراس ریل کے پتہ پر واپس بھیجوائیں۔

Vietnamese Thông tin về Crossrail có sẵn bằng nhiều thứ tiếng, ghi âm và Braille (ngôn ngữ dành cho người mù). Xin vui lòng đánh dấu vào ô liên hệ để biểu lộ dạng thức quý vị yêu cầu. Hãy ghi tên và địa chỉ đồng thời hoàn lại cho Crossrail theo địa chỉ dưới đây.

Please state other language required below

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Helpdesk 24 hours, 7 days a week

Telephone: 0345 602 3813  
E-mail: helpdesk@crossrail.co.uk

### Drop in to our Visitor Centres

West End Visitor Information Centre  
16-18 St Giles High Street, WC2H 8LN

Open Tuesdays and Thursdays  
11.00 to 19.00

Whitechapel Visitor Information Centre  
Idea Store, 321 Whitechapel Road, E1 1BU

Open Mondays and Wednesdays  
11.00 to 19.00