

# Chilwell Road



## Chilwell Road NET Phase Two Construction Update February 28 2014

Track work is almost complete on both inbound and outbound sides of the road between the Police Station and Ellis Grove. Road resurfacing along the inbound section is finished. Excavation on the opposite side of the road is underway so that track laying on the inbound line can continue. Most utility replacement work towards Central College has already started.

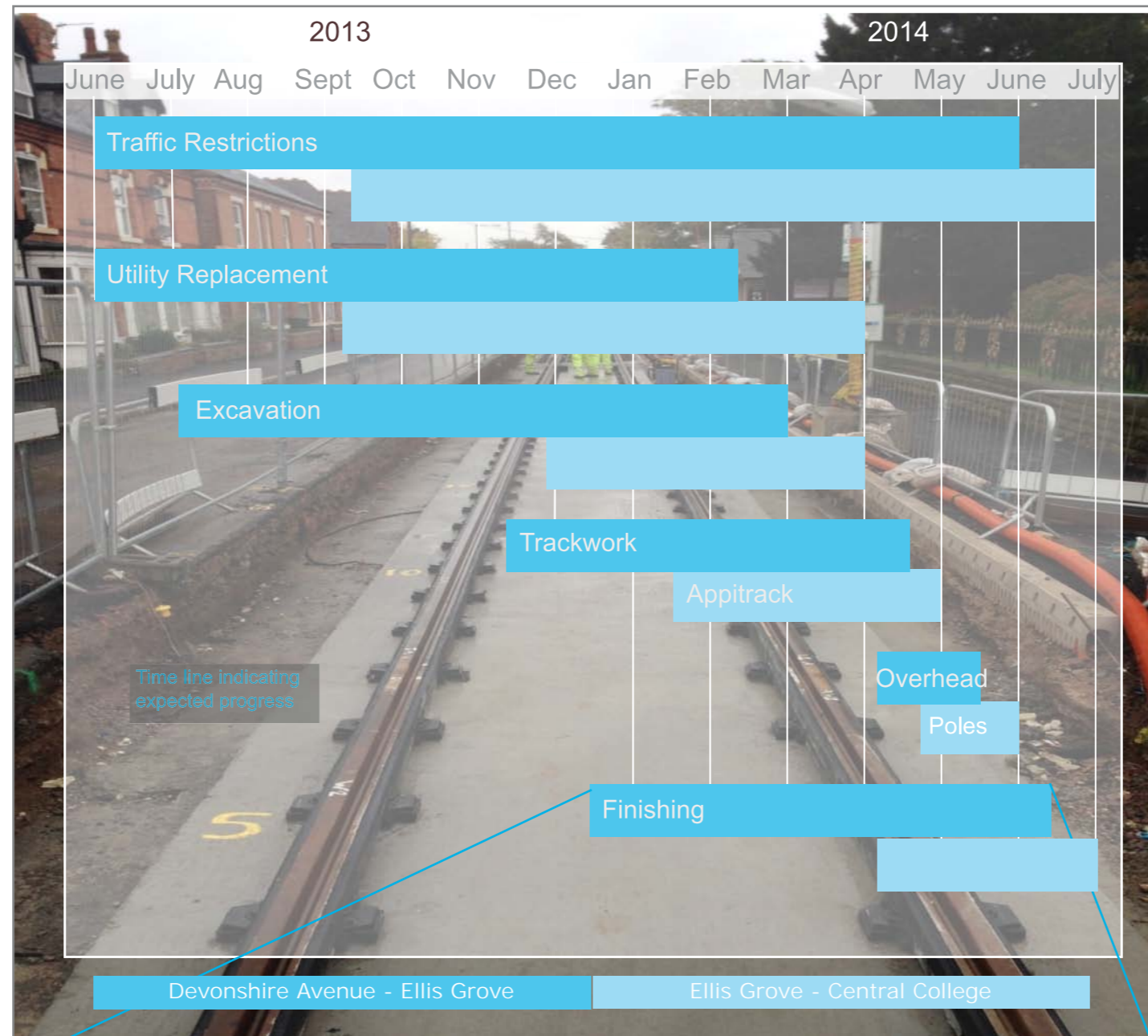
We have encountered problems with diverting the remaining utilities at the junction of Imperial Road. Although this should take four weeks to resolve and is, unfortunately, impeding progress with the laying of track along that part of Chilwell Road, we are able to work around it so that it won't cause significant further delay.

We will begin piling work in the next few weeks to provide the reinforced concrete support for the poles which will carry the overhead power lines. We will be visiting shop owners to discuss the siting of these poles, and the work involved in installing them, soon.

We also intend to begin trialling information updates through email, so that we are able to quickly notify of any sudden changes to the work, particularly outside shops.



**Jamie Missenden**  
Section Manager  
jamie.missenden@taylorwoodrow.com



### Finishing - Pavements

Road resurfacing with a concrete infill and tarmac, along the inbound section of Chilwell Road is finished and special drainage kerbs that help to quickly displace surface water are in place. This will allow pavements along this section of Chilwell to be laid. This will mainly be paving stones, with tarmac in places, with non slip concrete at pedestrian crossings.



Although Chilwell Road is a relatively straight section of the 17.5km tram extension, very few rails are laid without having to be specially bent into the perfect shape.

Every rail is unique so that it can respond to the many curves and undulations of the route.

Each one, forming the tightest corner or the most gentle of curves, has its own separate drawing and must be correctly shaped, then fitted together like one very long jigsaw puzzle.

This important part of the track laying process isn't controlled by computers, but uses a modest looking yet vital piece of machinery.



Tucked into a far corner of the main construction site at Toton - and controlled by a single worker - it's not glamorous, but it is a crucial part of the tram construction.

Apart from the straight sections, each length of rail - 18m long and over a tonne in weight - passes between three hydraulic drums which pushes it into shape. It can take as little as an hour to complete the bend, or far longer depending on the radius of curve. Surprisingly, the bigger the bend, the less time the job can take.

Although strong and built to last, each rail is amazingly flexible.

But once each section is welded together to form one long line of track - with a concrete infill and tarmac so that it becomes an integral and seamless part of the road - they are remarkably robust and easily withstand the daily rigours of carrying the tram.

# Chilwell Road

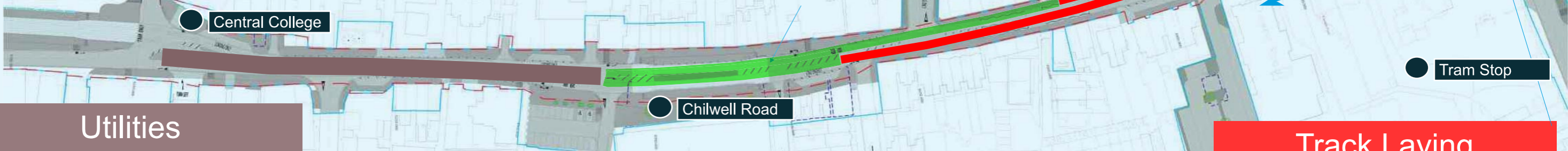
## NET Phase Two Construction Update 28th February 2014



### Excavation

Following successful excavation and the installation of new drainage, construction of the reinforced concrete track base can now begin and should be completed by the end of March. Track laying can then start between Ellis Grove and Wilmot Lane. Track base construction will extend across the junction of Imperial Road once utility services have been moved.

[www.thetram.net/phasetwo](http://www.thetram.net/phasetwo)



### Utilities

Major communications cables have been connected to the new Bridge Avenue manhole. This is enabling a new communications network to be installed between Bridge Avenue and Barton House. Other utility replacement is also continuing along this stretch of Chilwell Road towards Central College. There have been difficulties with moving utilities at the junction of Imperial Road and Chilwell Road which has prevented us from completing the section of track work from Ellis Grove to Hall Croft. Although this should take four weeks to resolve, we are able to work around it so that it won't cause significant further delay.

### Parking

Parking spaces in front of the warehouse between Ellis Grove and Wilmot Lane are now established and proving convenient for visitors to Chilwell Road. This has created additional work space and is allowing construction to be carried out on both inbound and outbound lines at the same time. An extra pedestrian bridge has been installed to access shops on the opposite side of the road. Two-way traffic can be maintained between Ellis Grove and Park Road.

### Track Laying

The first length of track from Devonshire Avenue through to the Manor Pharmacy on the inbound line is now complete. We are pleased that the same difficulties were not encountered this time with the construction of the troublesome 'floating' track slab on the 25 metre stretch outside the surgery. Road resurfacing works and the completion of kerb laying will begin in the first week of March.



Community Liaison Officer for Chilwell Road  
**Matt Orchard** [matt.orchard@taylorwoodrow.com](mailto:matt.orchard@taylorwoodrow.com)  
**NET hotline** - 0115 924 2454 for more information on NET Phase Two

The [Logistics Centre](#) on Wilmot Lane offers both residents and local businesses a free delivery service for goods to homes and shops while access is limited by construction. They also provide a helpful link between the construction team and the local community.  
[Graham Baker](#) 07766 502120 [graham.baker@daviesrobson.co.uk](mailto:graham.baker@daviesrobson.co.uk)  
[Tom Lee](#) 07799 757576 [tom.lee@daviesrobson.co.uk](mailto:tom.lee@daviesrobson.co.uk)