

# Lower Road / Fletcher Road

## Extending the tram service to Beeston and Chilwell



### Background information on piling

Lower Road and Fletcher Road are built on ground that is on top of a layer of peat which if unsupported can settle over time.

We carried out testing towards the end of last year to analyse the ground conditions and to confirm the type of machinery needed to install foundations (known as piles) for an underground support structure so that trams can travel along Lower Road and Fletcher Road. The type of testing we carried out is known as test piling, and the results were positive and confirmed that the machinery used was appropriate.

### How will the piling work be carried out?

To be able to install each pile specialist drilling equipment will be used to drill a large hole through the peat layer to the solid ground beneath. This will be the same size and type of equipment which was used to carry out the test piling. Once the hole has been created, liquid concrete will be used to fill it and a steel reinforcing cage will then be pushed into the concrete.

Each pile will be approximately nine metres deep. It's estimated that an average of 15 piles will be completed each day and the piling work immediately outside your property should only take about a week to complete.

The works will be carried out between 8am - 6pm, Monday - Friday and 8am - 1pm on Saturday, in accordance with the Code of Construction Practice (CoCP).

### Where will the piling works take place?

The location of each pile has been marked on the road surface and the piling works will be carried out in small rolling sections of up to 75 metres long, and will be coordinated with utility works which are currently taking place on Lower Road and Fletcher Road.

Where we are piling, it will not be possible to park vehicles on the road or to access driveways, but extra parking will be provided, where possible, in special temporary parking bays that will be located down the centre of the road, and on-street parking will be retained in areas where we are not working.

In addition, a temporary overspill car park with at least 14 spaces will also be available for residents on the site of the former Neville Sadler Court complex.