

Upgrade Work Calendar **Garforth to Church Fenton**

November 2024



Welcome to the latest edition of our periodic work calendar, which is designed to give you a better overview of upcoming work near your home as we improve the railway as part of the Transpennine Route Upgrade. This will deliver more frequent, faster, greener trains, running on a better, cleaner and more reliable railway between York, Leeds and Manchester.

	M1 motorway	Barwick Road	Garforth Station	East Garforth Station	A656 Ridge Road	A1(M) motorway	Laith Staid Lane	A162 London Road	Church Fenton Station
	Barrowby Lane	Barwick Road	Garforth	East Garforth - Sturton Grange	Micklefield	Huddleston	Mile Hill - London Road	Barkston Ash - Church Fenton	
Ground Surveys	☾ Nights 02, 04-07, 09, 16, 18-21, 23, 25-28, 30	☾ Nights 02, 04-07, 09, 16, 18-21, 23, 25-28, 30	☾ Nights 02, 04-07, 09, 16, 18-21, 23, 25-28, 30	☾ Nights 02, 04-07, 09, 16, 18-21, 23, 25-28, 30	☾ Nights 02, 04-07, 09, 16, 18-21, 23, 25-28, 30	☾ Nights 02, 04-07, 09, 16, 18-21, 23, 25-28, 30	☾ Nights 02, 04-07, 09, 16, 18-21, 23, 25-28, 30	☾ Nights 02, 04-07, 09, 16, 18-21, 23, 25-28, 30	☾ Nights 02, 04-07, 09, 16, 18-21, 23, 25-28, 30
Lineside Works	☾ Nights 04-08, 18-21, 25-28	☾ Nights 04-08, 18-21, 25-28	☾ Nights 02, 04-08, 18-21, 25-28	☾ Nights 02, 04-08, 18-21, 25-28	☾ Nights 02, 04-08, 11-15, 18-21, 25-28	☾ Nights 02, 04-08, 18-21, 25-28	☾ Nights 02, 04-08, 18-21, 25-28	☾ Nights 02, 04-08, 18-21, 25-28	☾ Nights 02, 04-08, 18-21, 25-28
Troughing Installation	☾ Nights 04-07, 11-14, 18-21, 25-28	☾ Nights 04-07, 11-14, 18-21, 25-28	☾ Nights 04-07, 18-21, 25-28	☾ Nights 04-07, 18-21, 25-28	☾ Nights 04-07, 18-21, 25-28	☾ Nights 04-07, 18-21, 25-28	☾ Nights 07-10, 14-17, 28-31	☾ Nights 04-07, 18-21, 25-28	☾ Nights 04-07, 18-21, 25-28
OLE Piling	☾ Nights 16, 23, 30	☾ Nights 16, 23, 30	☾ Nights 04-07, 16, 23, 30	☾ Nights 04-07	☾ Nights 02, 04-07	☾ Nights 02, 04-07	☾ Nights 02, 04-07	☾ Nights 02, 04-07	☾ Nights 02, 04-07
Cable Installation	☾ Nights 20, 21, 25-28	☾ Nights 20, 21, 25-28	☾ Nights 20, 21, 25-28	☾ Nights 20, 21, 25-28	☾ Nights 02, 09, 16, 19-21, 23, 25-28, 30	☾ Nights 02, 16, 19-21, 23, 25-28, 30	☾ Nights 02, 16, 19-21, 23, 25-28, 30	☾ Nights 02, 16, 19-21, 23, 25-28, 30	☾ Nights 02, 16, 19-21, 23, 25-28, 30
Building Installation					☾ Days 01-04, 29-31				
UTX Installation					☾ Nights 02, 04-07				☾ Nights 02, 09
A162 London Road Bridge Works							☾ Days 04-08, 11-15	☾ Days 04-08, 11-15	☾ Nights 16
Compound Construction					☾ Days 01, 04-08, 11-15, 18-22				☾ Days 01, 04-08, 11-15
Track Renewal					☾ Nights 04-07	☾ Nights 04-07	☾ Nights 04-07	☾ Nights 04-07	☾ Nights 04-07

☾ Day shifts usually run between 07:00 and 18:00 ☾ Night shifts usually run between 21:00 and 08:00 [More details on the works over the page ▶](#)

Our Work Explained...

Ground Surveys

What we will be doing:

Our teams will be carrying out ground investigation work to confirm the make-up of the ground, which will feed information to our designers planning the future upgrades along the route.

The equipment we will use:

A drilling rig to drill trial boreholes, road-rail vehicles, trailers and generators will be used and in order to undertake these works some low-level vegetation will be removed.

🔊 We expect the noise level to be low.

Lineside Works

What we will be doing:

Lineside works can include a number of smaller-scale activities alongside the railway to support the Transpennine Route Upgrade, including drainage improvements, laying cables, installing infrastructure and delivering materials to sites by train.

The equipment we will use:

Equipment such as road-rail vehicles, small plant and hand tools will be used.

🔊 We expect the noise level to be low to moderate.

Troughing Installation

What we will be doing:

We will be installing new troughing along the length of the railway line to house and protect new cables.

The equipment we will use:

Road-rail vehicles, small plant, cutting equipment and hand tools.

🔊 We expect the noise level to be high.

UTX Installation

What we will be doing:

We will be installing Under-Track Crossings (or UTXs), which are small conduits beneath the railway line to carry cables underground from one side to the other.

The equipment we will use:

Road-rail vehicles, small plant and hand tools will be used.

🔊 We expect the noise level to be moderate.

Cable Installation

What we will be doing:

We will be installing new cables alongside the line.

The equipment we will use:

Equipment such as road-rail vehicles, small plant and hand tools.

🔊 We expect the noise level to be moderate.

Track Renewal

What we will be doing:

We will be replacing the old, worn railway track through the Thorpe Park area by lifting it up, removing it, laying a new stone base and re-laying new track.

The equipment we will use:

On-track rail machines, engineering trains, lights and hand tools.

🔊 We expect the noise level to be moderate to high.

Overhead Line Equipment Piling

What we will be doing:

We are installing the foundations for masts which will carry overhead line equipment, in preparation for when the line is electrified in the future.

Following the results of ground surveys, our teams will be using a combination of auger piling, which is where piles are screwed into the ground, and movax piling, which is where piles are vibrated into the ground.

🔊 We expect the noise level to be moderate.

Hammer piling, where we strike piles into the ground and which produces high noise levels, will only be used as a last resort if unexpected difficult ground conditions or obstacles which otherwise prevent piles from being installed are encountered.

🔊 We expect the noise level of this to be high.

The equipment we will use:

A road-rail vehicle will be used with an attachment to install the piles into the ground.

More details about piling can be found at networkrail.co.uk/piling

Building Installation

What we will be doing:

We will be installing a new single storey structure alongside the line next to Micklefield Station to house essential equipment needed to support the upgrade of the railway.

We will access the land via the station car park.

The equipment we will use:

A variety of equipment such as small plant, hand tools and generators will be used, and in order to undertake these works some low-level vegetation will be removed.

🔊 We expect the noise level to be moderate.

Bridge Works

What we will be doing:

We will be working around the A162 London Road Bridge to install a retention system designed to prevent the ballast stones beneath the track from moving away from where it's needed, while still allowing access for maintenance engineers to clean, top up or replace it in the future.

🔊 We expect the noise level to be low to moderate.

Compound Construction

What we will be doing:

We will be constructing temporary compounds at Phoenix Avenue in Micklefield and Rose Lane in Church Fenton which will enable materials to be stored and our staff to have welfare facilities when carrying out improvement works as part of TRU.

The equipment we will use:

An excavator, dump trucks and small plant will be used.

🔊 We expect the noise level to be moderate.

We do our best to keep noise and disruption to a minimum and we expect our teams to behave properly while carrying out this work.

If you have any further questions or concerns, you can get in touch with us at www.networkrail.co.uk/contact or call our 24-hour National Helpline on **03457 11 41 41**

Find out more about the Transpennine Route Upgrade at theTRUpgrade.co.uk