

Upgrade Work Calendar Leeds to Thorpe Park

January 2025



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.

	Leeds Station	Marsh Lane	East Park Parade	Osmondthorpe Lane	Wykebeck Avenue	Selby Road	Cross Gates Station	Austhorpe Lane	M1 motorway
	The Calls / Quarry Hill	Richmond Hill	Neville Hill Depot	Osmondthorpe	Wykebeck	Killingbeck / Graveleythorpe	Cross Gates	Thorpe Park / Manston Lane	
Ground Surveys			☾ Nights 11	☾ Nights 06-09, 11, 14-16, 18, 20-23, 25, 27-30	☾ Nights 06-09, 11, 14-16, 18, 20-23, 25, 27-30	☾ Nights 06-09, 11, 14-16, 18, 20-23, 25, 27-30	☾ Nights 06-09, 11, 14-16, 18, 20-23, 25, 27-30	☾ Nights 06-09, 11, 14-16, 18, 20-23, 25, 27-30	☾ Nights 06-09, 11, 14-16, 18, 20-23, 25, 27-30
	☾ Nights 25	☾ Nights 25	☼ Days 06-10, 13-17	☾ Nights 06-09, 13-16, 20-23, 27-30	☾ Nights 06-09, 13-16, 20-23, 27-30	☾ Nights 06-09, 13-16, 20-23, 27-30	☾ Nights 06-09, 13-16, 20-23, 27-30	☾ Nights 06-09, 13-16, 20-23, 27-30	☾ Nights 06-09, 13-16, 20-23, 27-30
Troughing Installation				☾ Nights 06-09, 14-16, 20-23, 27-30	☾ Nights 06-09, 14-16, 20-23, 27-30	☾ Nights 06-09, 14-16, 20-23, 27-30	☾ Nights 06-09, 14-16, 20-23, 27-30	☾ Nights 06-09, 14-16, 20-23, 27-30	☾ Nights 06-09, 14-16, 20-23, 27-30
Track Renewal				☾ Nights 04-09, 11, 14-16, 18, 20-23, 25, 27-30	☾ Nights 04-09, 11, 14-16, 18, 20-23, 25, 27-30	☾ Nights 04-09, 11, 14-16, 18, 20-23, 25, 27-30	☾ Nights 04-09, 11, 14-16, 18, 20-23, 25, 27-30	☾ Nights 04-09, 11, 14-16, 18, 20-23, 25, 27-30	☾ Nights 04-09, 11, 14-16, 18, 20-23, 25, 27-30
Cable Installation	☼ Days 13-17, 20-24	☼ Days 13-17, 20-24	☼ Days 06-10, 13-17, 20-24	☼ Days 13-17, 20-24, 27-31	☼ Days 13-17, 20-24, 27-31	☼ Days 13-17, 20-24, 27-31	☼ Days 13-17, 20-24, 27-31	☼ Days 09, 13-17, 20-24, 27-31	☼ Days 09, 13-17, 20-24, 27-31
	☾ Nights 02, 09, 11-15	☾ Nights 09, 12-15	☾ Nights 02	☾ Nights 02, 20-21, 25-28	☾ Nights 02, 20-21, 25-28	☾ Nights 20-21, 25-28	☾ Nights 20-21, 25-28	☾ Nights 20-21, 25-28	☾ Nights 20-21, 25-28
Retaining Wall & Access Road Construction			☼ Days 06-10, 13-17, 20-24, 27-31						
OLE Piling							☾ Nights 18, 20-23	☾ Nights 18, 20-23	
Osmondthorpe Lane Bridge Completion Works				☼ Days 06-10, 13-17					
				☾ Nights 04, 11, 18, 25					
Power Supply Cubicle Installation						☼ Days 06-10, 13-17, 20-24, 27-31			
						☾ Nights 06-09, 13-16			
UTX Installation								☾ Nights 06-09	

☼ 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 may 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 and installing infrastructure such as cabinets to house power and telecommunications supplies.

The equipment we will use:

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

 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 moderate.


Track Renewal

What we will be doing:

We will be replacing the old, worn railway track 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.


Cable Installation

What we will be doing:

We will be installing high voltage electricity 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.

OLE (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.


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

Retaining Wall and Access Road Construction

What we will be doing:

We are constructing a new access road in and out of our Neville Hill temporary work compound site from Newmarket Approach.


We are also completing a 200-metre-long retaining wall alongside the line opposite Neville Hill Depot to the west of Osmondthorpe Lane. This secures the ground to enable additional tracks to be installed and safely allow faster trains to run.

 We expect the noise level to be moderate.

Osmondthorpe Lane Bridge Completion Works

What we will be doing:


We will be carrying out some final completion work on the new Osmondthorpe Lane bridge following its installation over the Christmas period. **This will involve closing the road beneath the bridge from 2200 on Saturday nights until 0600 on Sunday mornings. Signposted diversionary routes will be in place.**

 We expect the noise level to be moderate.

Power Supply Cubicle Installation

What we will be doing:


We are installing a new power supply cubicle (DNO cubicle) at Halton Dene, which will deliver the power from the National Grid to the rail network to power electrification and other key infrastructure such as trackside signalling, telecoms and lights.

 We expect the noise level to be moderate.

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.

 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