


Upgrade Work Calendar **Leeds to Thorpe Park**

February 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 / Grazeleythorpe	Cross Gates	Thorpe Park / Manston Lane	
Ground Surveys						☀ Days 10-14	☀ Days 10-14, 24-28		
				☾ Nights 08, 10-13, 15, 18-20	☾ Nights 08, 10-13, 15, 18-20	☾ Nights 10-13, 15, 17-21, 24-27	☾ Nights 08, 10-13, 15, 17-22, 24-27	☾ Nights 08, 10-13, 15, 18-20, 22	
Lineside Works				☀ Days 03-07, 17-21	☀ Days 03-07, 17-21	☀ Days 03-07, 17-21	☀ Days 03-07, 17-21	☀ Days 03-07, 17-21	
				☾ Nights 08, 10-13, 18-20	☾ Nights 08, 10-13, 18-20	☾ Nights 08, 10-13, 18-20	☾ Nights 08, 10-13, 18-20	☾ Nights 08, 10-13, 18-20	
Troughing Installation				☾ Nights 08, 10-13, 15, 18-20, 22	☾ Nights 08, 10-13, 15, 18-20, 22	☾ Nights 08, 10-13, 15, 18-20, 22	☾ Nights 08, 10-13, 15, 18-20, 22	☾ Nights 08, 10-13, 15, 18-20, 22	
Track Renewal			☾ Nights 08-09, 10-13	☾ Nights 08-13, 16-20, 22	☾ Nights 08-13, 16-20, 22	☾ Nights 08-13, 16-20, 22	☾ Nights 08-13, 16-20, 22	☾ Nights 08-13, 16-20, 22	
Cable Installation	☀ Days 24-28	☀ Days 24-28	☀ Days 03, 07, 10, 14, 17, 24-28						
	☾ Nights 03-06, 10-13, 22	☾ Nights 03-06, 10-13, 22	☾ Nights 10-13, 22	☾ Nights 03-06, 08, 10-13, 15, 17-20	☾ Nights 03-06, 08, 10-13, 15, 17-20	☾ Nights 03-06, 08, 10-13, 15, 17-20	☾ Nights 03-06, 08, 10-13, 15, 17-20	☾ Nights 03-06, 08, 10-13, 15, 17-20	☾ Nights 03-06, 08, 10-13, 15, 17-20
Overhead Line Equipment Piling							☾ Nights 08, 10-13, 17-20	☾ Nights 08, 10-13, 17-20	
Power Supply Cubicle Installation						☀ Days 03-07, 11-14, 18-21			
						☾ Nights 16			
Bridge Works 							☀ ☾ Day & Night Austhorpe Lane: 03-21 Station Road: 17-28		

☀ **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.

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

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.


Bridge Works

What is happening:

At **Austhorpe Lane Bridge**, Northern Gas Networks will be carrying out borehole works ahead of future improvement work on the railway bridge. **Temporary traffic lights will be in place.**

At **Station Road Bridge** in Cross Gates, Northern Power Grid will be diverting buried services within the bridge ahead of future improvement work taking place.

A lane closure in each direction will be in place, however Station Road will remain open. The gaps in the central reservation opposite the Cross Gates Shopping Centre car park/Cold Well Road and Station View will be closed, meaning traffic will be unable to turn right at these points

 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