



# York to Church Fenton Improvement Scheme – Project Tracker

Issue 6

April 2021

We're pleased to present you with Issue 6 of our monthly 'project tracker', which is designed to give you a better overview of upcoming work as we continue to improve the railway between York and Church Fenton. Included are details of work scheduled for April.

To learn more about the York to Church Fenton Improvement scheme, please visit our dedicated webpage: [www.networkrail.co.uk/York2CF](http://www.networkrail.co.uk/York2CF)

For any further enquires or questions, please refer to our 24-hour Helpline on: **03457 11 41 41**.

## Schedule of works

☀ Day time shift runs from 07:00 to 18:00.  
🌙 Night time shift runs from 21:00 to 08:00.

Works	Locations								
	Church Fenton	Ulleskelf	Bolton Percy	Brumber Hill	Braegate Lane	Colton Junction	Dringhouses	Copmanthorpe	Model Railway
Installation/ Testing of New Signalling Equipment		04, 11, 17, 25 & 30 🌙	04, 11, 17, 25 & 30 🌙		04, 11, 17, 25 & 30 🌙	04, 11, 17, 25 & 30 🌙	04, 11, 17, 25 & 30 🌙	04, 11, 17, 25 & 30 🌙	04, 11, 17, 25 🌙
Ground Survey Tests	17 & 24 🌙								
Trough Route Installation	01, 06, 09, 12, 16, 19, 23 ☀	01, 06, 09, 12, 16, 19, 23 ☀	01, 06, 09, 12, 16, 19, 23 ☀		01, 06, 09, 12, 16, 19, 23 ☀				
	03, 10, 17, 24, 26, 30 🌙	03, 10, 17, 24, 26, 30 🌙	03, 10, 17, 24, 26, 30 🌙		03, 10, 17, 24, 26, 30 🌙				
Installation of UTX Chamber	24 🌙								
King Post Installation	03, 10, 17, 24 🌙	03, 10, 17, 24 🌙							
OLE Pile Foundation		17 & 24 Contingency 🌙	17 & 24 Contingency 🌙		17 & 24 Contingency 🌙				
OLE Structure Installation	17, 24 🌙	03, 10, 17, 24 🌙	03, 10, 17, 24 🌙	03, 10, 17, 24, 26-29 🌙	03, 10, 26-29 🌙	26-29 🌙			
OLE SPS Installation	06-10, 12-16, 19-23 🌙	06-10, 12-16, 19-23 🌙	06-10, 12-16, 19-23 🌙	06-10, 12-16, 19-23 🌙	12-16, 19-23 🌙				

# Overview of works

## Installation/Testing of New Signalling Equipment

### Why we are doing it:

Most of the signalling in this area is outdated and needs replacing. That's why we are installing new signal gantries, lights and cabling. During this time, we will be installing and testing new signalling equipment.

### The equipment that will be used:

A voltage test tool and hand tools will be used for the installation. We expect the noise level to be low.

## Ground Survey Tests

### Why we are doing it:

Ground survey tests are designed to ascertain ground conditions in advance of design and construction along the railway. This work will involve our contractors drilling a deep hole which will always be safely segregated with an exclusion zone put in place. At the end of the survey, the land will be returned to its original condition.

### The equipment that will be used:

Hand tools, a generator and drilling rig will be used to carry out this work. We expect the noise level to be moderate.

## Trough Route Installation

### Why we are doing it:

Install new troughing to house and protect the newly installed cable along the length of the railway line.

### The equipment that will be used:

A road rail vehicle (RRV) will deliver the troughing to site. The RRV and hand tools will be used for installation. We expect the noise level to be low to moderate.

## Installation of UTX Chamber

### Why we are doing it:

A chamber is the access to the UTX (under track crossing) and is installed below ground.

### The equipment that will be used:

Materials will be transported to site using an RRV. An excavator will be used to dig and install the chambers. We expect the noise level to be low to moderate.

## King Post Installation

### Why we are doing it:

King posts are installed into the ballast to support the track and stop it from moving.

### The equipment that will be used:

A RRV and movax attachment will be used to install the king posts along with support from rail workers using hand tools. We expect the noise level to be moderate to high.

## OLE Pile Foundation Installation

### Why we are doing it:

Installing foundations to support overhead line equipment (OLE), which we call piling, is part of this preparatory work. Once the cylindrical steel piles have been installed, we then begin to erect trackside posts and overhead wires. Piling involves driving the piles deep into the ground.

### The equipment that will be used:

To undertake this work, we will be using a movax attachment mounted to an excavator – this will be used to vibrate cylindrical steel piles into the ground. If the piles refuse, a BSP hydraulic hammer will be mounted to an excavator to hammer the cylindrical steel piles into the ground. We expect the noise level to be moderate to high.

## OLE Structure Installation

### Why we are doing it:

We are installing new overhead line masts for our programme of electrification.

### The equipment that will be used:

RRV's, cranes and hand tools will be used during the installation. We expect the noise level to be moderate.

## OLE SPS Installation

### Why we are doing it:

We are installing new support equipment for the overhead line which we call 'Small Parts Steel' or 'SPS'. This will be used to support the conductors which will supply power to the electric trains that will use the route.

### The equipment that will be used:

RRV's, cranes and hand tools will be used during for the installation. We expect the noise level to be moderate.

**Please note: Due to the recent weather and ground conditions, there are two contingency shifts booked to finalise the OLE Pile Foundation work on the 17th and 24th of April.**

For any further enquires or questions, please refer to our 24-hour Helpline on: 03457 11 41 41.

