

Anglian Water update



Important information about a new pipeline
to improve your water supply

July 2020

Improving your service and supply

Our 25-year Water Resources Management Plan sets out how we will manage water across our region. We consulted widely during 2018 / 2019 and have support from customers and regulators for our plans. We will be investing in our network to make the best use of water resources whilst minimising the impact on the wider environment.

A new pipeline

Within the plan is a programme to install a series of interconnecting pipelines to move water across the region. The new Lincoln to Ancaster Pipeline is part of this programme.

This new pipeline will connect into our existing water network and make it easier for us to move water to where it is needed. This pipeline will increase the reliability of the local water supply and reduce the number of homes and businesses, in the communities between the south of Lincoln and Ancaster, which currently rely on a single pipeline for all their water needs.

We've been planning this route for a while. We've listened to customers and stakeholders about their concerns and reviewed findings from environmental and archaeological surveys too. As a result, we have made some changes to the original proposed route. We have worked hard to make sure that our revised preferred route minimises the impact on the environment and we will continue to work with local communities and landowners while we finish the design and construct the pipeline.

Although we have legal powers to lay new pipelines, we are working very closely with the local planning authorities to agree the best way forward for the pipeline and a new pumping station. We've developed the design and are now able to share the updated plans with you and explain next steps.



Visit our virtual online event between Monday 6 July and Monday 20 July, 2020 and take part!



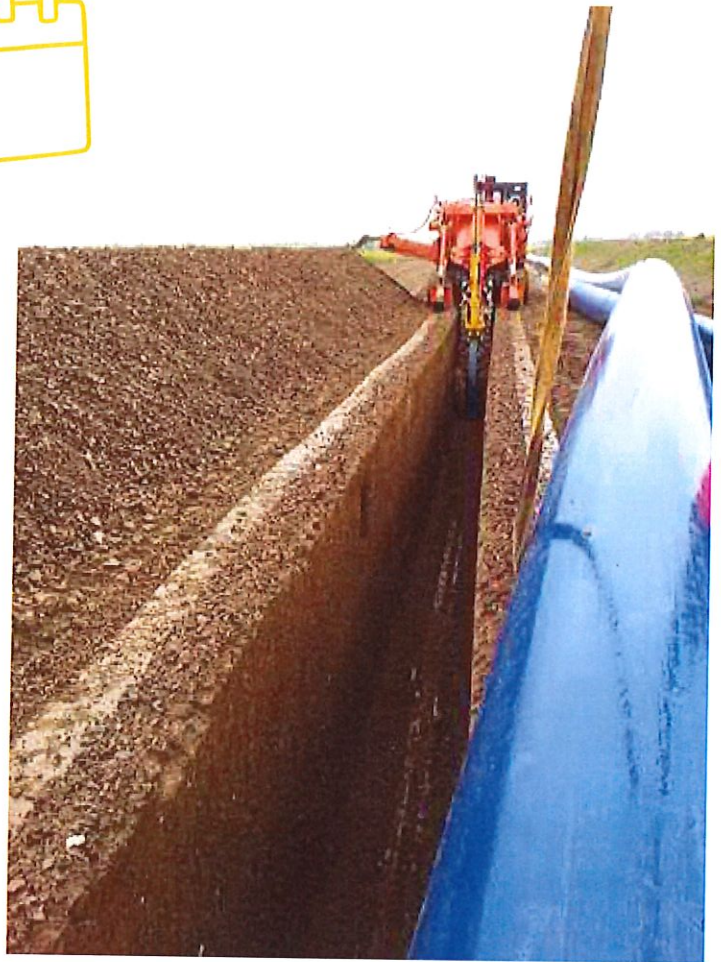
Due to COVID-19 and the unprecedented times we are facing, we think it's more important than ever to keep in touch and try new ways of engaging with you. In addition to this newsletter, we have developed an online virtual event which contains all the information you would expect to see at a physical event that we might hold in a village hall or community centre - but this time it's all online!

We would like you to visit the virtual event and fill in a short survey. The event will be open for two weeks between Monday 6 July and Monday 20 July, 2020. You will be able to access the event from our website from Monday 6 July, 2020:

<https://www.anglianwater.co.uk/lincoln-ancaster-pipeline>

We understand that some people might not have access to the internet so if you are unable to submit your response online, you can get in touch and share your views with us in other ways - details at the back of this newsletter.

Please make sure that we receive your response by Monday 20 July, 2020, so we can consider your feedback before we finalise our plans.



The preferred pipeline route

We have worked hard to plan a pipeline route which minimises the impact on the environment and we will continue to work with local communities and landowners throughout the scheme. We have planned the route to avoid most of the urban areas and villages to minimise disruption to you and your communities.

What has changed?

This 25km pipeline was originally part of a bigger scheme called the Lincoln to Grantham pipeline. Following a review, we decided to divide up the original scheme to allow us to bring the pipeline into service earlier, providing resilience to the existing water supply for customers in south Lincolnshire.

The Lincoln to Ancaster Pipeline will eventually join up with future pipelines to connect new supplies from the north of Lincoln with communities around Grantham. The first phase is to build the pipeline between Lincoln and Ancaster to meet the local need for water.

The section of pipeline further north between Elsham and Lincoln (which was part of the original and longer route) will now be constructed later as part of a separate scheme.

Our preferred route has been revised throughout our design process and amendments have been included where possible. Changes have been made in response to feedback from local organisations and landowners, our environmental and archaeological surveys, engineering options and water flow and water supply modelling.

Here are a few examples of how we have refined the route:

- Placing the route 100m away from High Dike Site of Special Scientific Interest
- Working with landowners to place the route alongside field boundaries or tracks where possible
- Adjusting the route where possible to minimise impacts on farmers - crops, livestock etc
- Aligning select crossings underneath the Grantham to Skegness railway line to minimise disruption to landowners
- Moving away from archaeological sites around Navenby and Ancaster
- Following public highways or field boundaries
- Avoiding environmental constraints such as designated nature conservation sites and woodlands, pylons, overhead lines and airfield landing lights where possible.

Summary of construction timescales

Our construction programme is outlined below. These dates are subject to change and are dependent on various matters including the weather.

Site preparation and construction is due to start in late 2020. The scheme will take approximately 3 - 4 years to complete.



Phase of work	Types of activity:	Approximate timetable
Environmental investigation	Archaeological surveys and ecological monitoring	Ongoing
Enabling works (works needed prior to the start of construction)	Ecological protection for legally protected species Limited vegetation removal to aid access Ground investigation	Late 2020 to mid-2021
Construction	Cutting open trenches, laying pipes and backfilling (refilling of soil once the pipe has been installed) Trenchless pipelaying (when pipes are pushed through the ground) Construction of the pumping station Construction of temporary storage lagoons (to store water that will be used to test the pipeline after construction)	Early 2021 to late 2023
Commissioning (testing of the pipeline prior to becoming operational)	Cleaning the pipeline	Ongoing from mid-2021 to late 2023
Reinstatement after installation (the land will be reinstated to its original state where we can and with additional improvements in some areas)	Replacement of topsoil Restoration of access routes and fencing Reinstatement of road surfaces Reinstatement of drainage Replacement of vegetation	Late 2022 to late 2023

Construction

As you can imagine, there is a lot of work involved in installing a new 25km pipeline. We will work with local authorities, parish councils, landowners and all contractors to deliver the scheme with minimal disruption until the pipeline is operational.

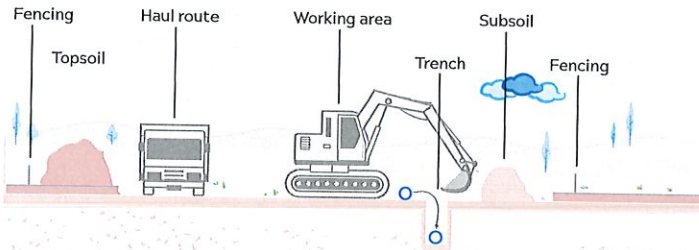
Installation

The installation of the pipeline will follow good industry practice using tried and tested techniques. The most commonly used method to lay a pipe is the use of open cut trenches. Where we need to minimise disruption to the ground, such as main roads and railways, we will use trenchless techniques.

Construction techniques

Open cut trenching

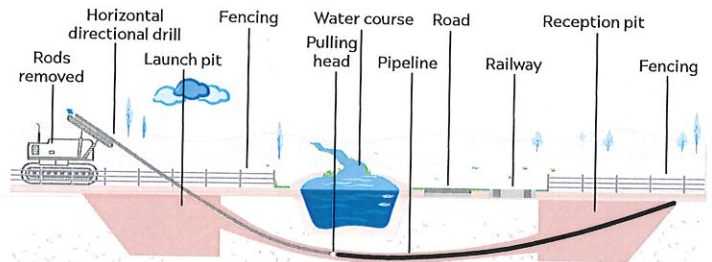
Open cut trenching will be used for most of the pipeline route which goes through open ground. This is when a trench is dug by a digger, the pipe is laid and then covered over (see picture below).



Trenchless techniques

Trenchless techniques will be used to lay pipes underneath main rivers, railway lines and main roads (some A roads, and some B roads). This involves directional drilling or auger boring, when a machine will drill or 'bore' a hole through the ground from one side of an obstruction, to the other. The pipe is then pushed through the hole (see picture below).

More information about construction working methods, environmental impacts and biodiversity will be available online from Monday 6 July, 2020.



Lincoln to Ancaster Pipeline feedback survey

Take part and submit your response!

We'd like to hear from you. Please visit www.anglianwater.co.uk/lincoln-ancaster-pipeline to submit your survey online between Monday 6 July and Monday 20 July, 2020.

If you really can't submit your response using the online survey, you can call us on 03457 145145, email us at strategicpipelines@anglianwater.co.uk or write to us at Strategic Pipelines, Anglian Water Services, Enterprise House, Witham Park, Waterside South, Lincoln LN5 7JE with your answers to the questions below.

All responses must be received by Monday 20 July, 2020 so we can consider them before we finalise our plans.

If you'd prefer your comments to be anonymous, please just let us have your postcode (first four digits), so we can understand where you live in relation to the scheme. If you'd like an answer to a query you have raised in your response, or would like to receive updates about the scheme, please provide your email address.

If you are calling us or writing to us, we need to know the following:

1. Can you see how this scheme will improve water supplies to the area? Yes/No/Don't know
2. Is there anything you'd like to make us aware of in relation to this scheme?
3. Is there anything you'd like more information on?
4. Are you a landowner, business or domestic customer, or other? Please state.
5. Overall - how do you feel about this pipeline? On a scale of 1 - 5, with 5 being "happy" and 1 "concerned". Please explain your answer.
6. First four postcode digits (e.g. NG3 2, LN5 7). This will help us to better understand local feelings about the scheme and help us plan future communications. We will not be able to identify you using this information.

Please remember we can only reply to you if you provide your contact details.

The information you provide in your response will be processed and retained by Anglian Water and its appointed contractors until the scheme is complete. We will not use it for any other purpose.

To read Anglian Water's Customer Privacy Notice, please visit www.anglianwater.co.uk/about-us/legal/privacy-notice/

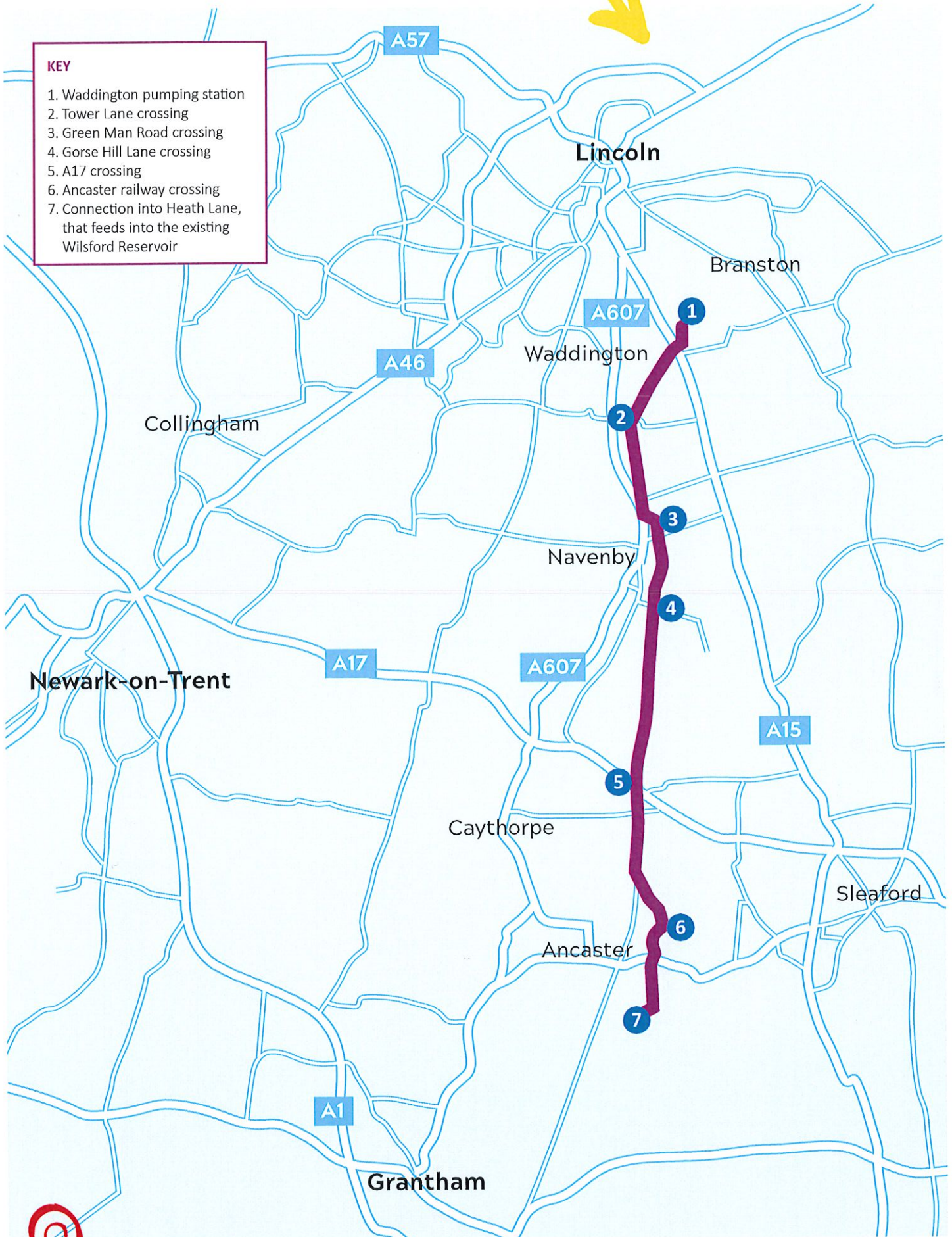


The route of the proposed pipeline



KEY

1. Waddington pumping station
2. Tower Lane crossing
3. Green Man Road crossing
4. Gorse Hill Lane crossing
5. A17 crossing
6. Ancaster railway crossing
7. Connection into Heath Lane, that feeds into the existing Wilsford Reservoir



For more information and to submit your feedback, please visit our 'virtual event' from our website at www.anglianwater.co.uk/lincoln-ancaster-pipeline

