

# Our Work at Snaith Ings

## What it's about

February 2015

**Over the late winter, spring and summer of 2015 we will be continuing our work to the flood embankments at Snaith, to make sure that communities around Snaith continue to be protected from flooding .**

In the late summer and autumn of 2014, the Environment Agency framework contractors JBA-Bentley carried out the first phase of repair and refurbishment works to the flood embankments at Snaith. Work was carried out at Ferry Lane and Marsh Drain. Work stopped in early December to avoid the worst of the winter weather, which can hinder work, add unnecessary risks to the workforce and become very costly.

We are preparing to start the next phases of this work in mid February 2015. JBA-Bentley are planning to set up their site compound first, in the field immediately to the east of Ferry Lane, with works on site starting towards the end of February. There are 4 key areas of work:

- Pickhill Bank to Carlton New Bridge
- Carlton New Bridge to properties at Glenn Holme and Glenn Aire
- Water pipe crossing bridge to Lady Gime Reach
- Old Don Drain near Lord Down Clough pumping station

We anticipate completing site works by the end of July 2015.

### Pickhill Bank to Carlton New Bridge

From Pickhill Bank to New Carlton Bridge (SE 63414 22525 to SE 64289 22718): Sheet piles will be driven to 5m deep through the embankment crest. The piling work will be carried out by a "Movax" hammer mounted on an excavator, as used at Marsh Drain in late 2014. Earthworks will also be carried out to level off the embankment crest. This will be done using excavators, rollers and dumper trucks.

This area was identified as being vulnerable to seepage by our ground investigation works in December 2013. The piling work is being carried out to reduce the seepage of flood water through the embankment, as occurred here in September 2012.



*Piling works using Movax hammer and excavator, Marsh Drain, November 2014*

### Carlton New Bridge to Glenn Holme

Beneath Carlton New Bridge to upstream of Glenn Holme (SE 64289 22718 to 64665 22810), a material layer of low permeability will be placed on the river face of the embankment. This work is also to reduce seepage through the embankment, but is more practical and cost effective to carry out below the bridge and adjacent to the properties, than sheet piling.

We are looking at ways of minimising disturbance to the properties Glenn Holme and Glenn Aire, and are in contact with the owners.



## Pipe Crossing to Lady Gime Reach

Downstream of the pipe crossing at Snaith Ings (SE65699 22541) for approximately 800m downstream to the stile at Lady Gime Reach (SE66254 22905), the embankments will be raised by up to 400mm. This will ensure that the Ings operate as they should, by guiding high water flows downstream to the spillway downstream of the Lord Down's Clough pumping station.

## Old Don Drain

Across the top of the Old Don drain (SE 65636 22796), a 50m length of sheet piling will be driven through the embankment crest to 8m depth. This is the same as work we carried out a Marsh Drain in November-December 2014. Like Marsh Drain, the piles are needed to cut off the channel to water flowing beneath the embankment. Downstream of this, the entire length of the spillway section will have a concrete kerb installed flush with the embankment crest to reduce erosion from overtopping.

## Impact of Works on Snaith

During the duration of the site works, you will see Environment Agency appointed contractors out and about on the embankments and there will be some heavy vehicles and plant moving through town. We apologise for any disruption to the community and aim to keep this to a minimum.

We will only work during day light hours for health and safety reasons and to minimise disturbance.

We will fence off the areas of embankment where we are working to protect the public. For the majority of the works, the footpaths along the crest of the Snaith Ings embankments will be closed to the public. This is to ensure safety to both the public and contractors, due to the busy activity of construction working within a narrow and restricted working area. As and when sections of work are complete, these will be opened up to the public.

Work will be done with full consideration towards those who are affected, the environment and the health and safety of the public and workforce.

## Who are we talking to about this?

We are engaging with the land owners, tenants and service providers in areas where these works are to take place to ensure minimal disruption. We are also liaising with internal colleagues and have

informed Andrew Percy MP, local councillors and Snaith and Cowick Town Council.

## Where can you get further information?

Our Flood Risk Management team are able to offer more detailed explanation of our work at Snaith Ings and answer any questions. Please contact our Flood Risk Advisor Alice Hearne on 0113 819 6753 or [alice.hearne@environment-agency.gov.uk](mailto:alice.hearne@environment-agency.gov.uk) or scheme Project Manager Tim Cobb on 0113 819 6223 or [tim.cobb@environment-agency.gov.uk](mailto:tim.cobb@environment-agency.gov.uk).

## What role can I play?

The flood embankments in your area play an important role in protecting local communities from flooding, but we can't eliminate the risk of flooding altogether. Therefore you should still consider ways to be prepared should the worst happen. You can prepare for flooding by making a flood plan for you and your family. The plan will help find ways to reduce the impact of flooding to your home or business and will include what action you need to take as well as listing important contact numbers during an emergency.

The Environment Agency provides a flood warning service for communities at risk from the River Aire, including Snaith, Gowdall, East Cowick and West Cowick. This free service provides advance warning of flooding to our customers 24 hours a day by telephone, mobile, fax, text message or email. By signing up and receiving a warning it gives you valuable time to prepare yourself and your property for flooding. Our concern currently is that only around 20% of residents locally have taken the important step of signing up to our flood warnings – this could make it very difficult to get an effective warning to these communities if we did anticipate flooding.

You can sign up to this service, find out if you are at risk and obtain advice and guidance on how to prepare for flooding by visiting our website <https://www.gov.uk/check-if-youre-at-risk-of-flooding> or calling Floodline on 0345 988 1188.