

Welcome to the third newsletter of the Low Crosby FRMS, keeping the community up to date about the project.

This is part of a series of newsletters, for residents, businesses and visitors who live and work in and around the area around of Low Crosby. These newsletters will provide you with information and how to find more detail about the project, as we commence and progress with the design phase of the works.

What we have been working on since the last newsletter:

- The Advanced Works are progressing.
- Modelling data is being produced for all utility assets that are affected in the area.
- Outline business case updated, this is a requirement following review and comment by the Assurance Board.
- Landowner's agent and the EA's Land & Estates Department are working closely towards an agreed compensation value.
- We are continuing to work with the landowners affected by the scheme to put in place the agreements needed for us to do the construction works.
- The designers have now issued the design drawings for the Low Crosby FRMS for review and approval. These will be refined in discussions with the landowners and the wider community.
- Pre-assessment workshop for CEEQUAL has been undertaken, a flag ship sustainability rating scheme. We will be collating existing evidence and creating new methods to make the scheme as sustainable as possible.

What we will be working on over the next few months:

- Full Review from the EA of all design drawings. Drawings will be made available on Flood Hub when review iterations are complete.
- Finalising compensation process with both parties looking to progress to an agreed value.
- Contractors are working on the Construction Feasibility Plan.
- Going through the process of securing the relevant permissions required for delivery.

Preparedness for winter 2021

A summary of Cumbria County Council's aspects of flood prevention including the response during events:

The CCC pumps are back on line for operating as they should (i.e. they would operate correctly if required in a flood). They operate via telemetry (i.e. the pumping station sends messages out to people monitoring during flood events).

The Lead Local Flood Authority team at CCC have duty staff for the winter and will work closely with partners as required (if anything is required for the working of the penstock inside the pumping chamber for example).

CCC's Brampton Highways Team are not involved with the operation of the pumping station. They will only come into play if a standby pump is required.

CCC have undertaken a level survey recently to help inform the design of the new pumping station. Following the flooding of parking areas on The Garth, CCC undertook extensive surveying of the pipe network and identified issues with roots and debris in the drainage network. Many of these issues have been resolved but some remain.

Advanced Works Progress in the Low Crosby Village

Property Flood Resilience on the Parish Hall is now complete. The Property Flood Resilience team have revisited the property and undertaken a post installation check on all works.

Sealing of United Utilities (UU) manhole covers to prevent flood water getting into the drainage network – completed July 2021.

Sandbag store with sandbags will be available at the Parish Hall in the coming weeks.

Property Flood Resilience contractors attended properties at Primrose Bank, to undertake a survey and consider the PFR options at 1, 2 & 3 Primrose Bank. We are also considering provisional PFR measures that could include demountable defences.

Upgrade to the existing pumping station - working with CCC and the designers. The design is an improved submersible pump which is designed to trigger in lower water levels. Intention to have works completed over this coming winter.

Working with CCC to construct additional gullies and a new flap valve on the highways drainage off Green Lane to the River Eden. Work currently planned for Autumn/Winter 2021. The EA/CCC will assess whether a flap valve is adequate, or a concrete head wall is required to keep vegetation out of the culvert.

Key Dates

- Preparing tender documents for site works - December 2021.
- Preparing and submitting site works - January 2022.
- Award construction contracts - March 2022.
- Embankment re-profiling - September 2022.

Upcoming Newsletters

All newsletters will be published on the dedicated Low Crosby Flood Hub page online approximately, every 8 weeks. Please see link at the bottom of this newsletter.

Covid-19:

In the current situation we remain focused on keeping communities safe and delivering our Capital Flood Risk Schemes where we can do so safely and within Government guidelines. The majority of our staff, consultants and contractors are working remotely away from offices and each other.

Project Delivery Overview

The Environment Agency Project Team have been working with the stakeholders and the Flood Action Group to identify a preferred option to progress with, to reduce the flood risk to Low Crosby. The preferred option identified, involves re-profiling of the existing Warwick Holme flood embankments, to enable flood waters to flow from the River Eden across the Holme during periods of flooding.

We have assessed that re-profiling the embankments at Warwick Holme would enable a similar sized flood to Storm Desmond to pass down the River Eden, with peak river levels staying below the level of the homes in the village of Low Crosby.

LOW CROSBY PROJECT CONTACT DETAILS

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Please visit www.thefloodhub.co.uk/low-crosby for further information.