

**Welcome to the second 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 the Design phase of the works.

**What we have been working on since the last newsletter:**

- We have now moved from the appraisal and assessment of how to most effectively reduce the flood risk in Low Crosby, into the Design phase of the project.
- We have completed the ground investigation and the associated soils testing.
- We have completed a level survey of the ground at Warwick Holme and produced the detailed contour drawings that the designers require.
- Further environmental surveys have been completed, so that we can ensure our works don't cause harm to important wildlife and their habitats.
- The designers have now walked the site and have all the information they need to further progress the design process. They have produced outline drawings and are now working on the detailed design drawings.
- 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.

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

- Producing a full set of detailed design drawings and specification for the works. These will be refined in discussions with the landowners and the wider community.
- Planning ahead for the main construction works to take place in the summer.
- Updating project cost estimates to allow us to produce the Full Business Case, which is needed before we can commit to construction contracts.
- Continuing to put in place the required permits, authorisations and agreements needed for the works to go ahead next summer.

## Preparedness for winter 2021

As discussed, in the previous newsletter, the embankment re-profiling will be undertaken in the summer of 2022.

In parallel with the development of the main scheme, to reduce the flood risk to the village, the EA, Partner Organisations and the FIAG have also identified Advanced Works to help reduce the flood risk in the village over the coming winter.

The Advanced works look to address such problems as Property Flood Resilience (PFR) at the Parish Hall and 1 to 3 Primrose Bank, surface water problems and drainage issues.

Please see the right hand column for actions that are complete and in progress.



*Fig 1: Manholes resealed at Green Lane & recreation field*



## Advanced Works in Low Crosby Village

Property Flood Resilience on the Parish Hall – completed August 2021, pending very minor re-pointing around the property.

Sealing of United Utilities (UU) manhole covers to prevent flood water getting into the drainage network – completed July 2021. The EA welcomes this contribution from UU who funded and undertook the works.

Upgrade to the existing pumping station - working with Cumbria County Council (CCC) and the designers. The design is a submersible pump which is designed to trigger in lower water levels. Intention to have works complete for 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 summer/autumn 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.

Appointed our Property Flood Resilience contractors to attend a site visit, to undertake a survey and consider the PFR options at 1, 2 & 3 Primrose Bank.

It has been agreed to have a sandbag store at the Parish Hall for community use.

## 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 page.

## 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 Overview Commentary

The Environment Agency Project Team has been working with the stakeholders and the Flood Action Group to identify a preferred option to progress with, in order 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

**Customer Service**

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**Floodline**

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**Incident Hotline**

0800 80 70 60

Please visit [www.thefloodhub.co.uk/low-crosby](http://www.thefloodhub.co.uk/low-crosby) for further information.