

# Warwick Bridge

## Future Flood Risk Management

### Background

Following Storm Desmond, flood risk management authorities were commissioned by Government to reduce flood risk not only at community level, but to look for options to reduce flood risk across the County from Source to Sea. This means we have taken a new approach, working at a catchment scale to integrate land management, development and resilience from the tops of the fells down to the coast. In order for us to deliver flood risk benefits across the County in this way we are now part of an established partnership called Cumbria Strategic Flood Partnership (CSFP).

### What does Cumbria Strategic Flood Partnership do?

The CSFP aims to lead, coordinate and monitor the management of flood risk across the County. This Partnership brings together Flood Risk Management Authorities including the Environment Agency, Cumbria County Council, District Councils, United Utilities and representation from other organisations including land managers and community groups who have an interest in, or responsibility for, flood risk management.

The CSFP is structured over two levels – the Board (strategic level) and Catchment Management Groups (operational/delivery level). The Board takes an overview of the whole Partnership, setting the direction and ensuring the three Catchment Management Groups deliver their objectives. The Board is currently chaired by Cumbria County Council and the Eden Catchment Management Group is chaired by Eden Rivers Trust.

### Cumbria Strategic Flood Partnership Community representation

A key objective of this Partnership is to ensure communities are represented at both a strategic level and at an operational level. The CSFP has appointed 6 community representatives (2 for each catchment area) to be a member of the Board and Catchment Management Group.

Your community Board representative for the Eden catchment is John Kelsall and your Catchment Management Group representative is Richard Milne.

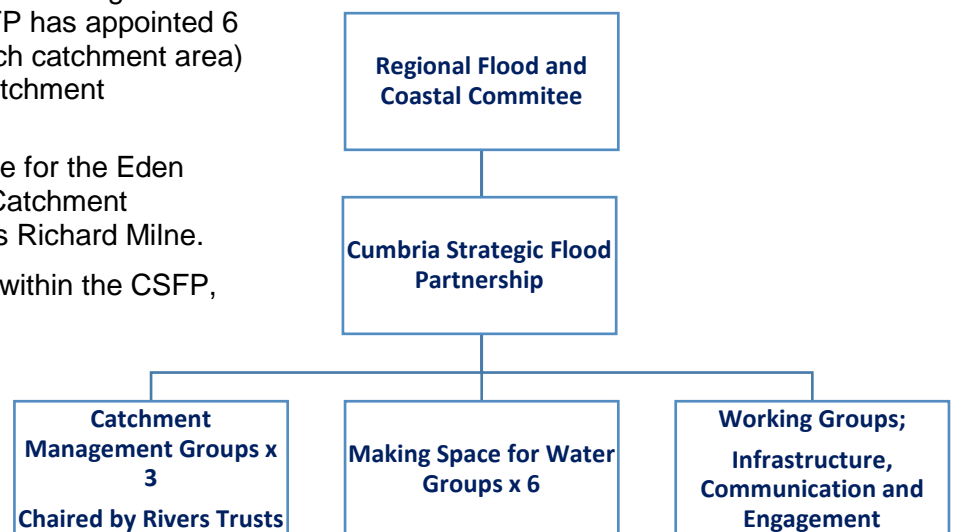
If you have any queries on their role within the CSFP, you can contact them on:

John Kelsall

[john@phoenixarchitects.co.uk](mailto:john@phoenixarchitects.co.uk)

Richard Milne

[richardmilne\\_uk@btopenworld.com](mailto:richardmilne_uk@btopenworld.com)



For more information on the CSFP visit [www.cumbriastrategicfloodpartnership.org](http://www.cumbriastrategicfloodpartnership.org)

or email [CSFP@cumbria.gov.uk](mailto:CSFP@cumbria.gov.uk)

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### Work undertaken in Warwick Bridge

Following the flood event in December 2015, the Environment Agency has completed investigations and produced a plan which will allow the use of temporary defences along the A69 in Warwick Bridge. (This is not in place of permanent measures).

### What next?

In Summer 2017 we published the “long list” of options and since then we have been refining each option, measuring their viability against the following four tests;

1. Technical feasibility
2. Economic viability
3. Environmental sustainability
4. Community support

At present the cost of a scheme in Warwick Bridge is relatively high compared to the number of properties that would benefit. For this reason, it remains challenging to develop a business case that is strong enough to secure Treasury investment. This may mean that compromises are required in order to develop a viable scheme. For example, whilst it would be preferable to defend to a standard that would protect to a storm the size of Storm Desmond this may not be feasible.

We continue to explore options and the way in which options can be combined in order to develop a viable scheme to reduce flood risk in Warwick Bridge. We are working with residents of Holme Eden Gardens to see if we can support a bid for a property level protection scheme through the Cumbria Community Flood Foundation. At present there is a funding shortfall for the delivery of this scheme and the Environment Agency have been approached in order to help bridge this shortfall.

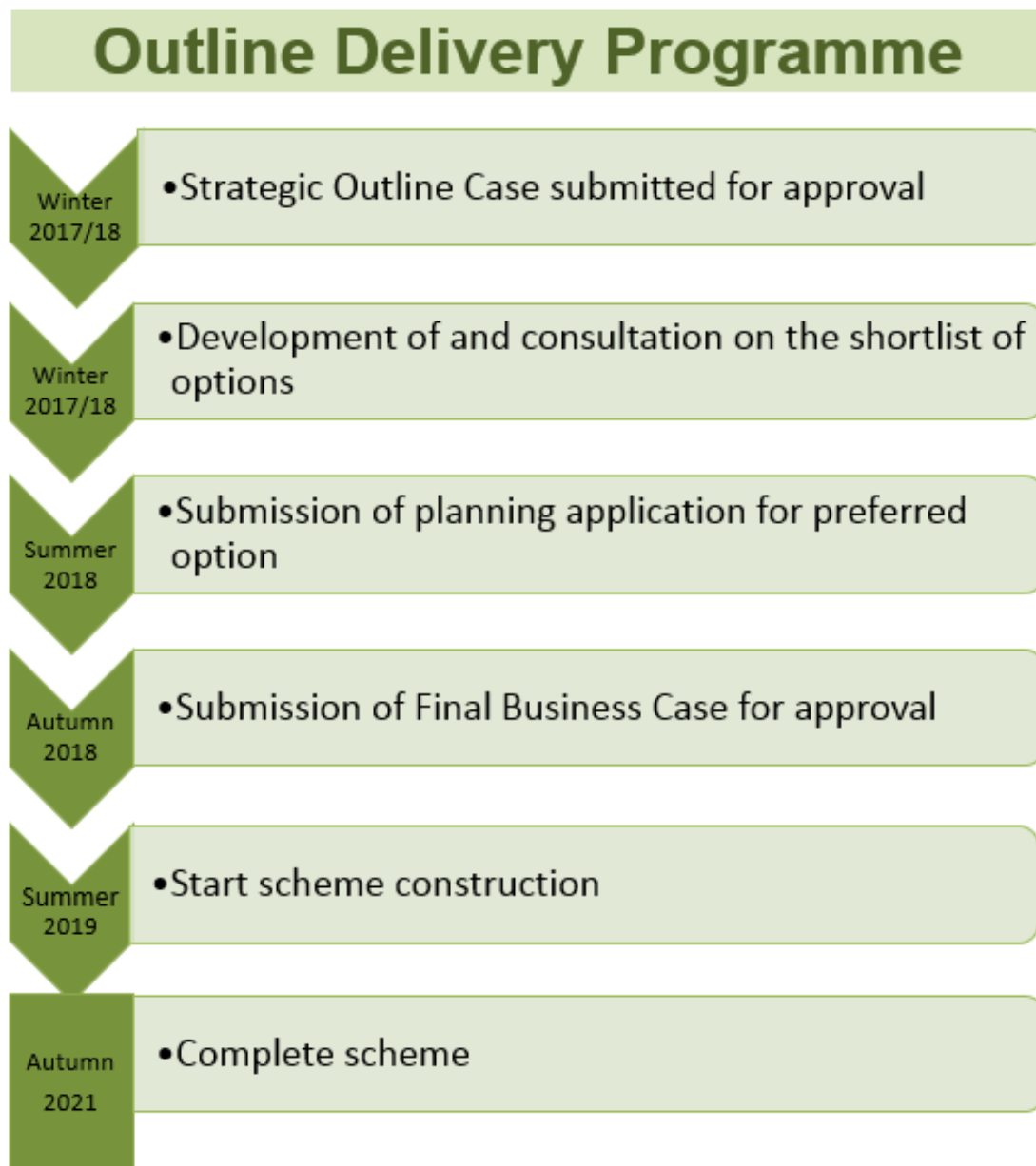
A bid has been made to deliver a natural flood management scheme on Cairn Beck. The idea here is to reduce flooding at the grids upstream of the A69 road crossing. This is an area that floods frequently at present.

In addition to this we are also;

- Undertaking hydraulic modelling which is being used to inform changes to the flood risk areas at Warwick Bridge and is being used to inform the flood risk management options.
- Refurbishing our river telemetry station at Great Corby, and further improving other local telemetry sites to increase data resilience and assist with recording, forecasting and warning for Warwick Bridge.
- Undertaking our standard maintenance. Further information can be found at <https://www.gov.uk/government/publications/river-and-coastal-maintenance-programme>

**We are organising a community drop-in for Warwick Bridge and Low Crosby which will take place in Low Crosby Village Hall on Tuesday 13<sup>th</sup> February. Drop in any time between 2pm and 6:30pm. We will formally share the “short list” of options with you and will have plans showing where each option could be located. We will provide an update on the next steps.**

# Warwick Bridge Future Flood Risk Management



The Strategic Outline Business Case provides a high level understanding of the flood risk and demonstrates the need to continue working on a scheme and complete the Final Business Case.

The Final Business Case provides all the detailed technical, economic and environmental information to justify a compelling case to invest the money to build a scheme.

This process can take some time. As we are spending Government's money in providing flood risk management we must follow their rules and procedures.

For further information on the funding process and the rules we must follow, read the "guide on how the Environment Agency fund and deliver flood risk management schemes" under the 'Funding' section of the Cumbria Strategic Flood Partnership website <http://www.cumbriastrategicfloodpartnership.org>

# Warwick Bridge

## Future Flood Risk Management

### Contacting the Environment Agency

If you would like to contact the Environment Agency about future flood risk management you can email [CMBLNC-PSO@environment-agency.gov.uk](mailto:CMBLNC-PSO@environment-agency.gov.uk). If your query relates to community or personal resilience please contact [clfloodresilience@environment-agency.gov.uk](mailto:clfloodresilience@environment-agency.gov.uk).

### Be flood ready

We will never be able to guarantee a completely flood-free future, and so we encourage anyone living or working in a flood risk area to be aware and to be prepared. We can support you by; signing you up to receive free **flood warnings**, helping you to produce a **personal flood plan**, offering **property resistance and resilience** information and supporting the formation and ongoing work of a **community flood action group**.

It is important that you are prepared for flooding and we encourage you to take 4 simple steps:-

**1. Sign up to Floodline to receive free flood warnings**

Nearly 20% of properties within Warwick Bridge have not yet registered to receive flood warnings. The Flood Warning Service is a free system which is used to warn you of imminent flooding to land and property.

**2. Know what to do when a flood warning is issued. Have a personal flood plan for you and your family.**

**3. Keep an eye on the situation. You can view a 5 day weather forecast and monitor the river levels online.**

**4. Keep up to date with early warnings of heavy rain which could lead to flooding by registering for Cumbria Community Messaging. This is a free e-mail service and is complementary to our Flood Warning Service.**

To register visit [www.cumbriacommunitymessaging.co.uk](http://www.cumbriacommunitymessaging.co.uk)

**For information on the above, visit**  
<https://flood-warning-information.service.gov.uk/warnings>  
**or ring Floodline on 0345 988 1188**



### Community Planning

ACTion with Communities in Cumbria (ACT) is supporting community resilience and emergency planning activities across the county. This includes helping people to get together to share their experiences, think about future risks and who in the community might need additional help. Contact ACT for more information on Tel: 01228 817592 or Email [info@cumbriaaction.org.uk](mailto:info@cumbriaaction.org.uk).