

Carlisle Flood Risk Management Scheme

December 2020

£25m
£25 million investment



2100
More than 2100 homes protected across Carlisle



Storm Desmond Five years On

In 2015 Storm Desmond caused devastating flooding around the County with Carlisle again being severely affected. Flood water by-passed and overtopped existing defences along the Rivers Eden and Petteril with more than two thousand homes and properties affected across the city.



The Environment Agency have been undertaking extensive public consultation and appraisal work to identify the best ways to invest government funding for improved flood defences in Carlisle. We are designing and building an improved Flood Risk Management Scheme that will provide protection against flood levels reached in Storm Desmond. Our three phase scheme is well underway and will provide better flood protection and greater resilience to residential and business properties in Carlisle.

Phase One Melbourne Park and Eden Embankments

During the COVID-19 pandemic, the safety of the community and our teams has been our priority whilst still delivering this critical new infrastructure. Our works beneath Botcherby Bridge and to the parapet have been successfully completed and the flood embankments and wall raising in Melbourne Park have reached the target defence height. This will better protect more than 1200 homes and businesses to a Storm Desmond level this winter, a great achievement despite major challenges this year.

Our consultation with residents at Riverside Way and Falcon Mews has helped shape our landscape design plans to enhance Melbourne Park. These plans will become available to view on the Flood Hub website. Local schools will be involved with planting a wildflower meadow to increase the biodiversity of Melbourne park in Spring 2021, COVID-19 restrictions permitting.

We are continuing Phase One works this winter to raise the Eden embankments and install a new



Riverside Way embankment and footpath



Botcherby Bridge improvements complete

flood gate at the Tesco entrance off Warwick Road. We will share further details in due course. We anticipate that Phase One will be completed in Spring 2021.



Sands Centre access ramp re-surfaced

Phase Two The Sands Centre & Bitts Park Area

Phase Two consists of increasing flood protection on the River Eden through Carlisle. Our site compounds were installed at Bitts Park in August 2020 and Phase Two Construction works are progressing well.

Our plans are available to view online at The Flood Hub www.thefloodhub.co.uk/carlisle-phase-2



Works in Bitts Park underway

Phase Three

Phase Three covers the Denton Holme, Willow Holme and Caldewgate area and we are considering raising existing defences along the River Caldew along with enhanced maintenance of the river corridor. Ground investigations are underway at the Caldew Maltings.

Etterby Terrace

We are also investigating options for improvements to flood risk at Etterby Terrace, we are working in partnership with Cumbria County Council and United Utilities to assess all sources of flooding from drains and combined sewers, alongside flooding from the River Eden.

West Coast Mainline Bridge

Network Rail are in the process of planning and designing maintenance work on the railway bridge over the River Eden. We are working closely with their design team to explore options to increase the capacity of the bridge to convey flood water as part of these works. Both the Environment Agency and Network Rail hope to be able to provide additional flood risk benefit to Carlisle as a result of this work.

Covid-19

The Environment Agency are committed to delivering this Scheme to better protect homes and businesses in Carlisle and as such we, and our Contractors, are following Government and Public Health England guidance. This is to ensure the safety of the local community and all of our staff.

Find out more

- Visit www.cumbriastrategicfloodpartnership.org to find out how we are contributing to managing flood risk from source to sea
- Visit www.thefloodhub.co.uk/carlisle to view our most recent information and newsletters
-  Follow us on Twitter @EnvAgencyNW #Carlisle
- Or contact us via e-mail CarlisleFRMS@environment-agency.gov.uk

Contact Us

Customer service 03706 506 506
Floodline Incident 03459 881 188
hotline 0800 80 70 60

Keep up to date

Information boards located in Melbourne Park and at The Sands Centre will provide construction works updates or visit www.thefloodhub.co.uk in 'your local area'