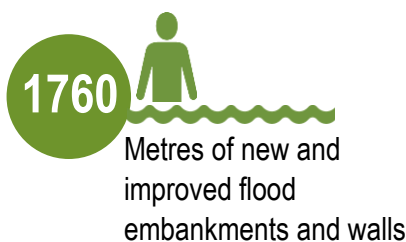


# Carlisle Flood Risk Management Scheme Update

## Phase One - Warwick Road and Melbourne Park

The Environment Agency will be starting work on to improve the existing Flood Risk Management Scheme from mid July. This is the start of a proposed three phase scheme to better protect residential and business properties from future flooding. Some of the benefits of phase one of the scheme include;



## Key dates

**April 2019**



Planning Application approved for Phase One

**June 2019**



Ground investigations complete

**June 2019**



Contractor appointed

**July 2019**



Contractor mobilised and site setup

**August 2019**



Botcherby Bridge conveyance Improvements start

**August 2019**



Melbourne Park embankment raising starts

**Autumn 2019**



Tesco entrance and Eden embankment raising starts

**Spring 2020**



Phase 1 – Warwick Rd and Melbourne Park completed

### Contact Us

Customer service  
Floodline  
Incident hotline

03706 506 506  
03459 881 188  
0800 80 70 60

### Keep up to date

Information boards located in Melbourne Park will provide construction works updates.  
[www.thefloodhub.co.uk](http://www.thefloodhub.co.uk) in 'your local area'

## Phase One – Warwick Road and Melbourne Park

Our planning application for this first phase of a three phase Flood Risk Management Scheme was approved by Carlisle City Council Planning Committee back in April and since then we have progressed with detailed design of the scheme which will consist of delivering new and improved flood defences at Melbourne Park, land raising at the entrance of Tesco at the junction of Warwick Road and raising of some River Eden embankments. We have appointed our construction contractor BAM Nuttall and they will be starting our construction works in mid July.

## Phases Two and Three

We are working towards submitting the planning application for both of these phases. Phase Two would consist of raising existing defences on the River Eden through Carlisle and Phase Three would consist of raising existing defences along the River Caldew. The completion of all three phases will protect against flood levels experienced during Storm Desmond, providing a much greater level of flood protection for the community of Carlisle.

We will provide opportunities in Autumn 2019 for residents, businesses and local interest groups to help shape phases two and three ahead of our planning application submission in early 2020.

## What happens now?

- We will be **constructing and securing our site compounds** week commencing 15<sup>th</sup> July. The compound off Borland Avenue may restrict some access to footpaths during our works, although this will be kept to a minimum.
- We will be continuing with **ground investigation, environmental studies and survey work** for all three phases of the scheme.
- **990m of existing bank raising** in Melbourne Park by **0.5m-0.7m**.
- **420m of new embankment** will be constructed upstream of Bothcherby Bridge up to **1.5m** high.
- **300m of existing wall raising** downstream of Botherby Bridge by **250mm**
- **70m of wall raising** upstream of Bothcherby Bridge by **500mm**
- **Improvements to the river flows at Botcherby Bridge.** We have undertaken extensive engineering reviews of the bridge and are confident it is a structurally sound for the design of the scheme.
- **4 existing flood gates** that maintain access will be refurbished and raised.
- **Existing pumping station will be upgraded** at Durrhill increasing our pumping capacity to existing storage areas.
- **Installation of benches, community notice boards and wildflower areas** will be some of the environmental enhancements delivered within Melbourne Park.
- We will continue to engage with you on the phasing of works throughout Carlisle to ensure we keep you informed of our plans and delivery programme. We have installed three noticeboards at the entrances to Melbourne Park from Melbourne Road, Borland Avenue and Warwick Road which will be updated regularly.

## Find out more

You can find out more about the scheme by visiting:-

- [www.cumbriastrategicfloodpartnership](http://www.cumbriastrategicfloodpartnership) for how we are contributing to managing flood risk from Source to Sea
- [www.thefloodhub.co.uk](http://www.thefloodhub.co.uk) in 'Your local area' to see a summary of what the scheme is proposing and for general information on how to prepare and respond to all sources of flooding
- Information boards will be regularly updated in the Melbourne Park area
- [www.publicaccess.carlisle.gov.uk/online-applications](http://www.publicaccess.carlisle.gov.uk/online-applications). Planning Reference Number 19/0149

If you would like to contact us you can e-mail [CarlisleFRMS@environment-agency.gov.uk](mailto:CarlisleFRMS@environment-agency.gov.uk)