

# Kendal Flood Risk Management Scheme Delivery key facts

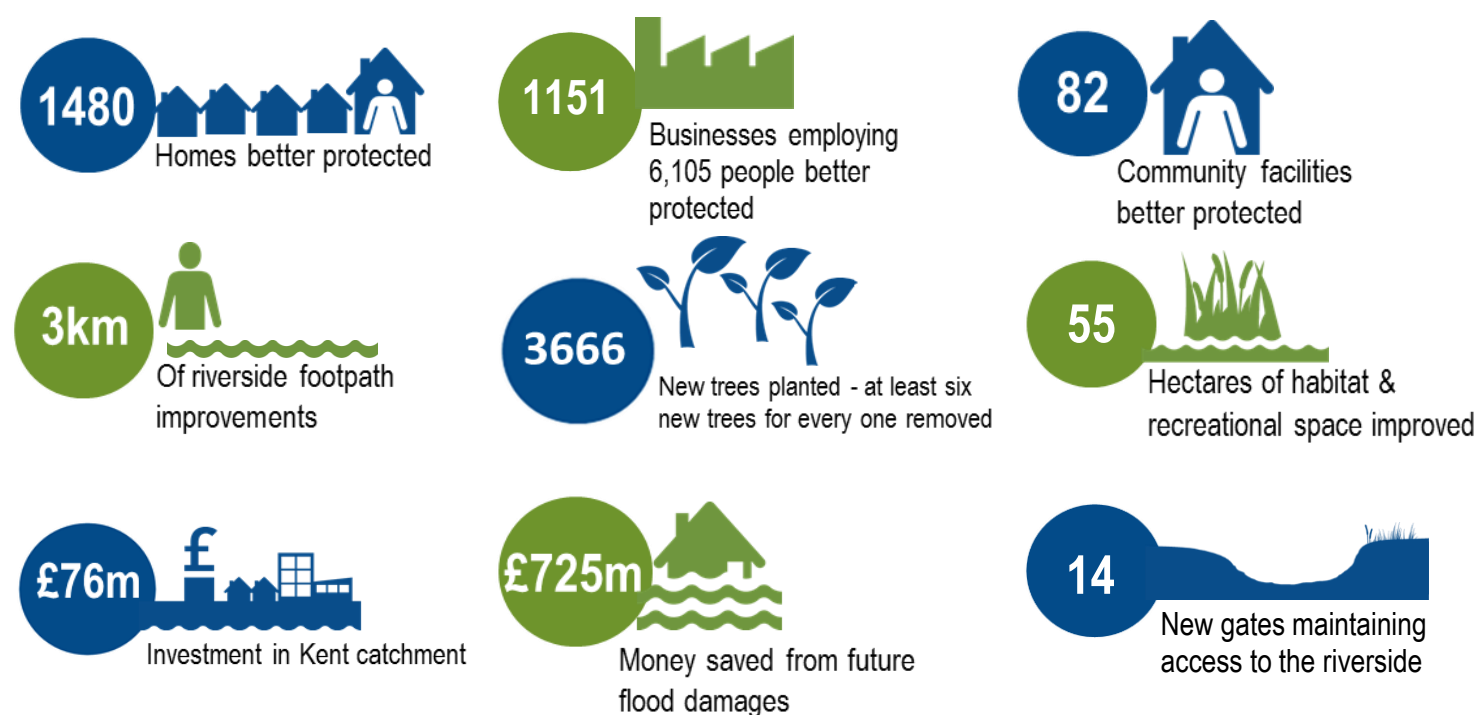


European Union  
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The Environment Agency is delivering a proposed three phase Flood Risk Management Scheme to better protect residential and business properties from flooding in the Kent catchment, and improve the local environment and community amenities. Kendal is the first phase to be delivered, with construction starting in early 2021. Burnside, Staveley, and Ings is the second phase to be delivered, and Upstream storage will be the final third phase. Here is a snapshot of some of what we know about the ecology of Kendal, and the environmental improvements resulting from the scheme;



## Key dates

<b>Dec 2019</b> £76m Funding approved to deliver all three phases	<b>Jan 2020</b> ✓ Phase One Kendal detailed design continues
<b>July 2020</b> ✓ Discharge of Phase One planning conditions	<b>4</b> Natural flood management projects underway
<b>Early 2021</b> Phase One Kendal construction starts	<b>2023</b> Phase One - Kendal scheme complete

We are delivering a flood risk management scheme that will run from Helsington Mills in the Southern end of Kendal to Mintsfeet in the Northern end of Kendal. The complex nature of delivering a long linear scheme through a busy town centre has led us to break down the scheme into a number of small sections we term as 'reaches'. The order of work is influenced by minimising disruption within the town and ensuring we manage flood risk. We will be starting work in the Southern reaches and working up towards the Northern reaches with a number of reaches being delivered at the same time. The ordering of these have been carefully considered so we can ensure we minimise any traffic or pedestrian movement around the town.

## Keeping Kendal moving

Our primary aim throughout our construction works is to ensure we keep Kendal moving, and has been fundamental to how we have ordered the delivery of the works through the town. We will aim to keep our working areas compact, balancing the need to keep our contractors, the community and visitors to the area safe, minimising any disruption. There will be footpaths along the riverside that will be temporarily closed whilst working in those areas, but we will aim to ensure there is always an alternative footpath open.

Our Traffic Management Plan has been developed in conjunction with Cumbria County Council Highways who have ensured any temporary road closures or lane closures are managed appropriately to minimise any traffic disruption. We have worked hard to ensure all road bridges will remain open for access at all times and only one road closure will be in place at Waterside for a period of time. We will have temporary lane closures on Aynam Road and on New Road whilst we are working in these areas. We aim to ensure that when we are working in these locations there will always be at least one lane open at all times to keep traffic moving. Should there be any changes these will be communicated out in advance.

In advance of us starting construction we will need to undertake a number of activities reach by reach to prepare for construction works. These activities may include the relocation of street furniture such as seating, street lighting and bins as well as diverting underground services. Again, these works are covered by the Traffic Management Plan that aims to

## Working hours

Our approved working hours will be Monday to Saturday from 8am to 6pm however, our intentions are to work from Monday to Friday only. We do not anticipate working outside of these hours but if we are required we will need to apply for additional permissions.

## Construction traffic and routes

We have dedicated routes for bringing in materials with two compounds strategically placed to ensure we efficiently receive materials and distribute accordingly to site. Our main compound will be located at Gilthwaite Lane in the North of the town, and a further compound located more centrally just off Canal Head North. These will be the two locations for plant and materials to be delivered and stored before distribution to working areas. All compounds will be safe, secure and monitored at all times.

The construction traffic and delivery routes will access Kendal from Junction 36 and 39 of the M6 and take all main routes into Kendal. The majority of the heavier and larger machinery and materials will be delivered to the Gilthwaite Lane compound to alleviate travel through Kendal town. Smaller construction traffic will distribute to Canal Head North compound and to working areas.

## Keeping construction noise and dust to a minimum

We will ensure throughout the construction of the scheme that we monitor and manage noise and dust levels to reduce any impact to homes, businesses, public areas and the natural environment. We will use a number of monitoring techniques and a range of measures to provide visual screening which will also assist with reducing noise and dust levels.

To manage any debris on the roads created by construction traffic, a full clean of the carriageway will be undertaken by a road sweeper or similar at a frequency that is appropriate.

### Contact us

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### Keep up to date

[www.thefloodhub.co.uk/kendal](http://www.thefloodhub.co.uk/kendal)  
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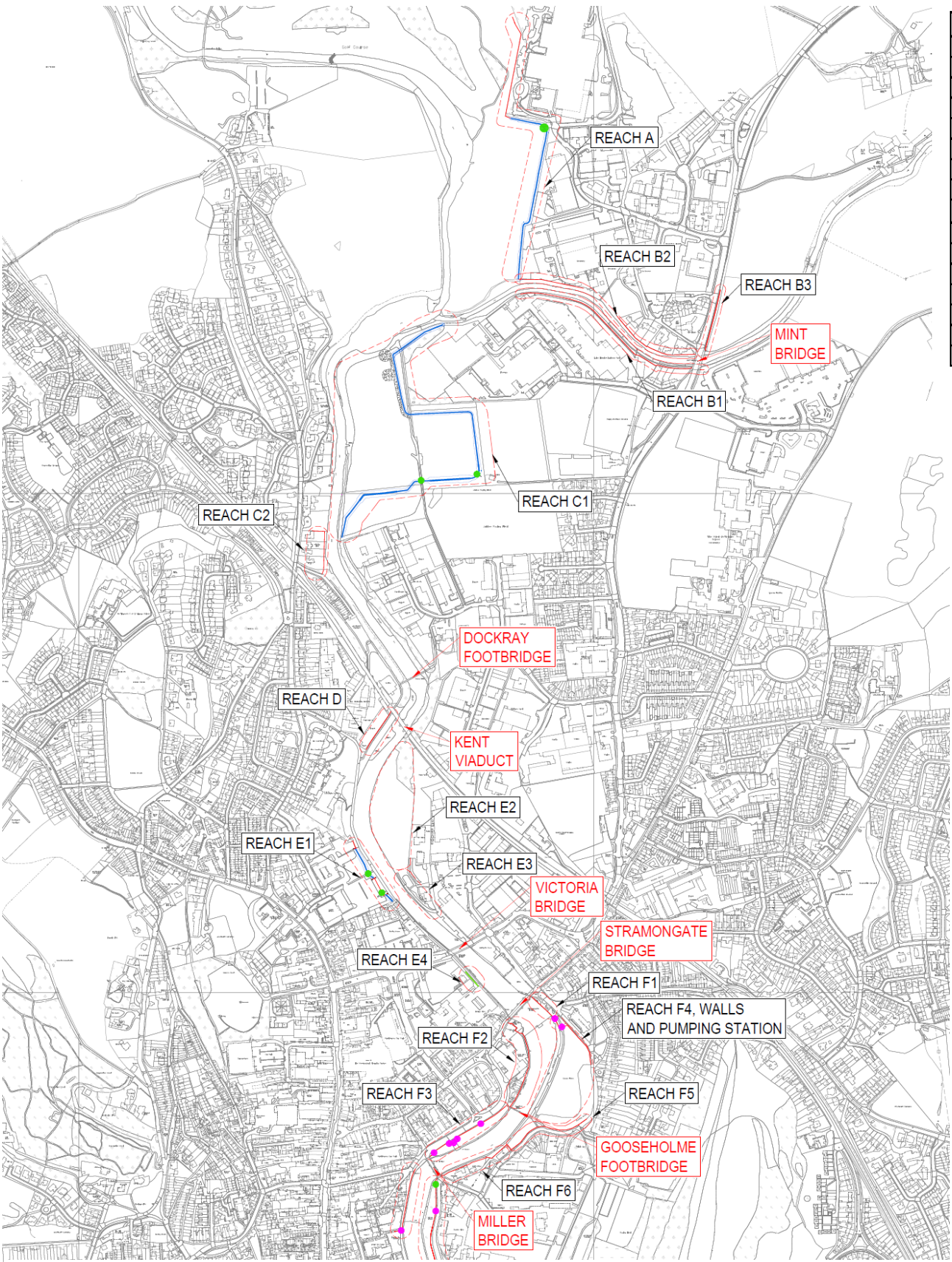
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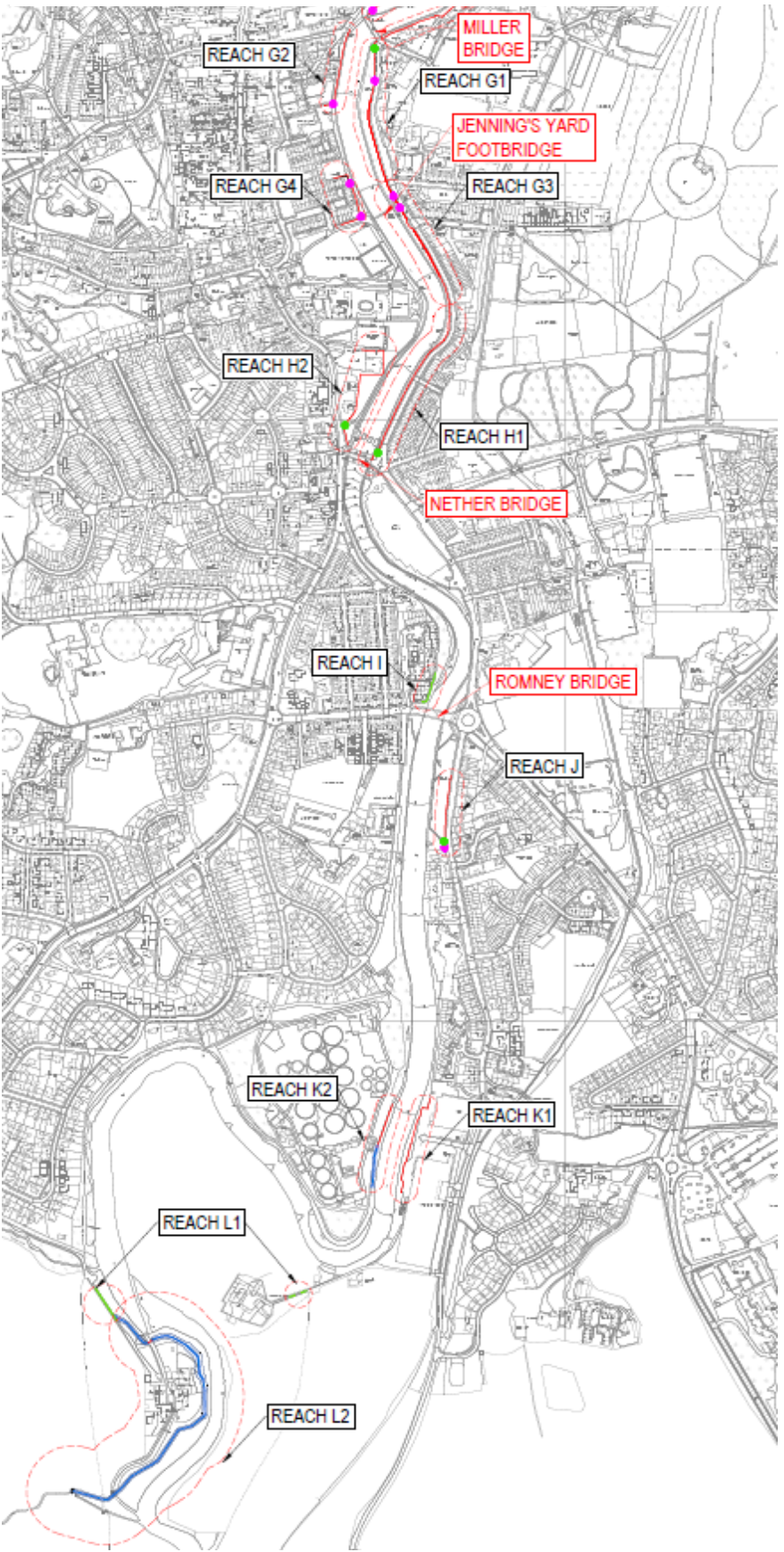
North and Central Kendal reaches



Reach	Location	Design		Construction	
		2021	2022	2023	2024
Reach A	Lakeland Plastics				
Reach B1	Mint Bridge				
Reach B2	Mint Bridge				
Reach C1	Jubilee Fields				
Reach C2	Aiknigg				
Reach D	Dockray Hall				
Reach E1	Busher Walk				
Reach E2/3	Busher Walk/ Beezon Fields				
Reach E4	Footpath Raising				
Reach F1	Stramongate				
Reach F2	Sand Aire House				
Reach F3	New Road				
Reach F4	Gooseholme walls				
F4 Pump Stn	Gooseholme PS				
Reach F5	Gooseholme				
Reach F6	U's Miller Bridge				

KEY:	
PROPOSED STRUCTURES	
Walls	
Embankments	
Footpath and road raising/lowering	
Flood gates	
Up and over (ramps or steps)	
Discrete geographical construction area	

Central and South Kendal reaches



Reach	Location	Design		Construction	
		2021	2022	2023	2024
Reach G1	Miller Bridge				
Reach G2	Waterside café				
Reach G3	Jennings Bridge				
Reach G4	Waterside flats				
Reach H1	Aynam Road				
Reach H2	Abbotts Hall				
Reach I	Romney Gardens				
Reach J	Ford Park				
Reach K	Clarks/Natland Rd				
Reach L1	Watercreek/Scroggs				
Reach L2	Helsington Mills				

