

Kendal Flood Risk Management Scheme Delivery key facts

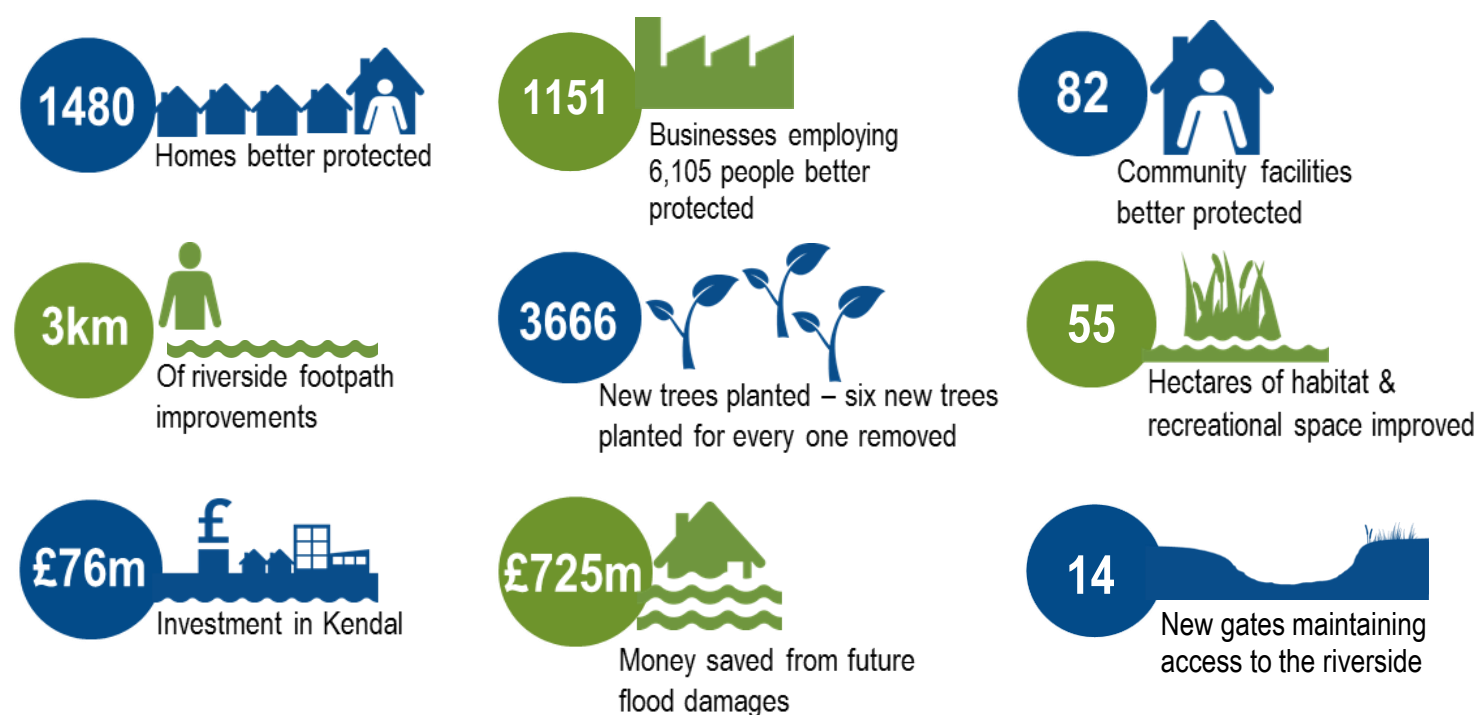


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The Environment Agency is delivering a proposed three phase Flood Risk Management Scheme to better protect residential and business properties from flooding in the Kent catchment, and improve the local environment and community amenities. Kendal is the first phase to be delivered, with construction starting in Winter 2020. Burneside, 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

Dec 2019 £76m Funding approved to deliver all three phases	Jan 2020 ✓ Phase One Kendal detailed design continues
July 2020 ✓ Discharge of Phase One planning conditions	4 Natural flood management projects underway
Winter 2020 Phase One Kendal construction starts	2023 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.

Keep up to date www.thefloodhub.co.uk/kendal

Contact us 03708 506 506

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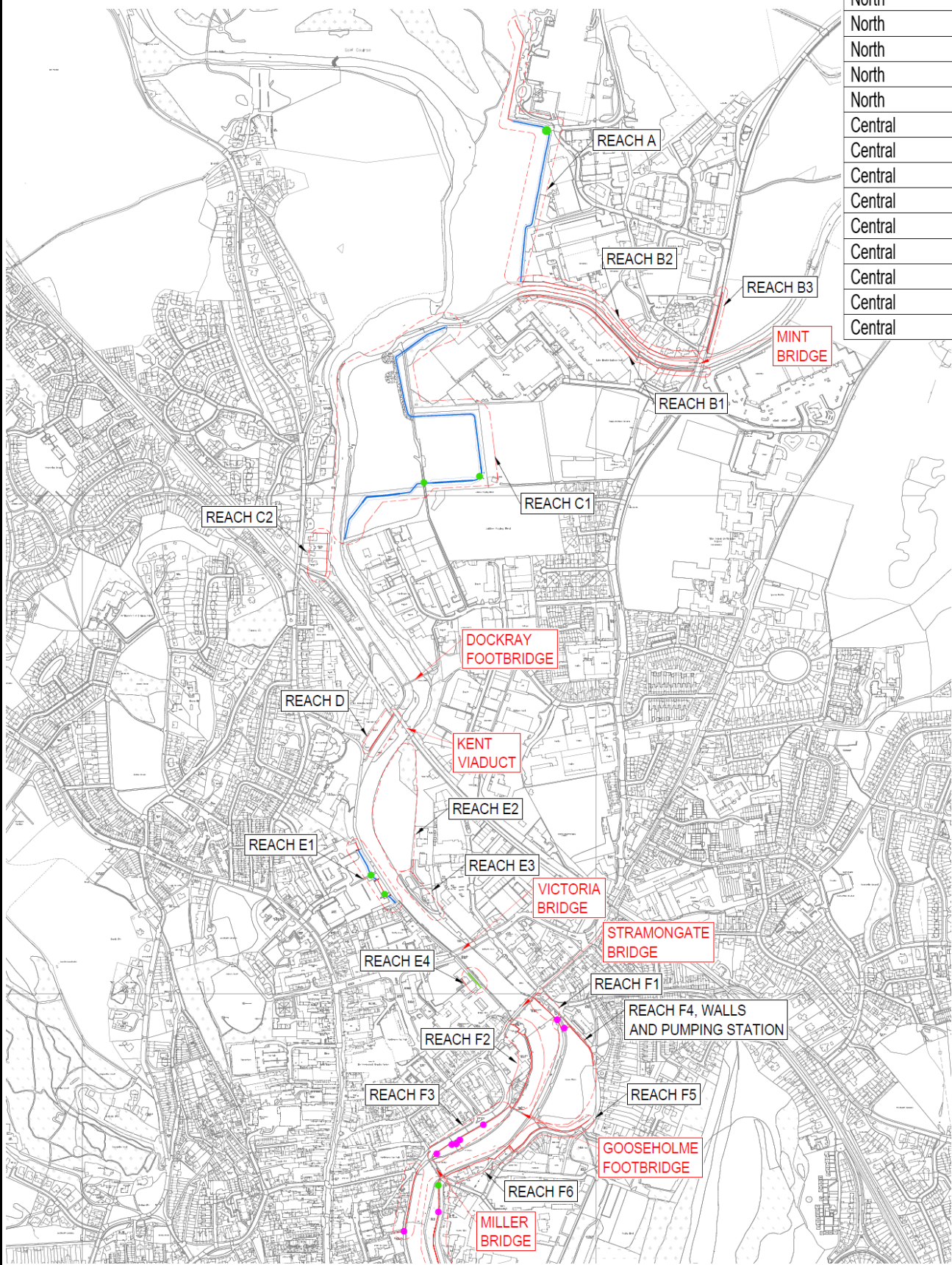
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North and Central Kendal reaches



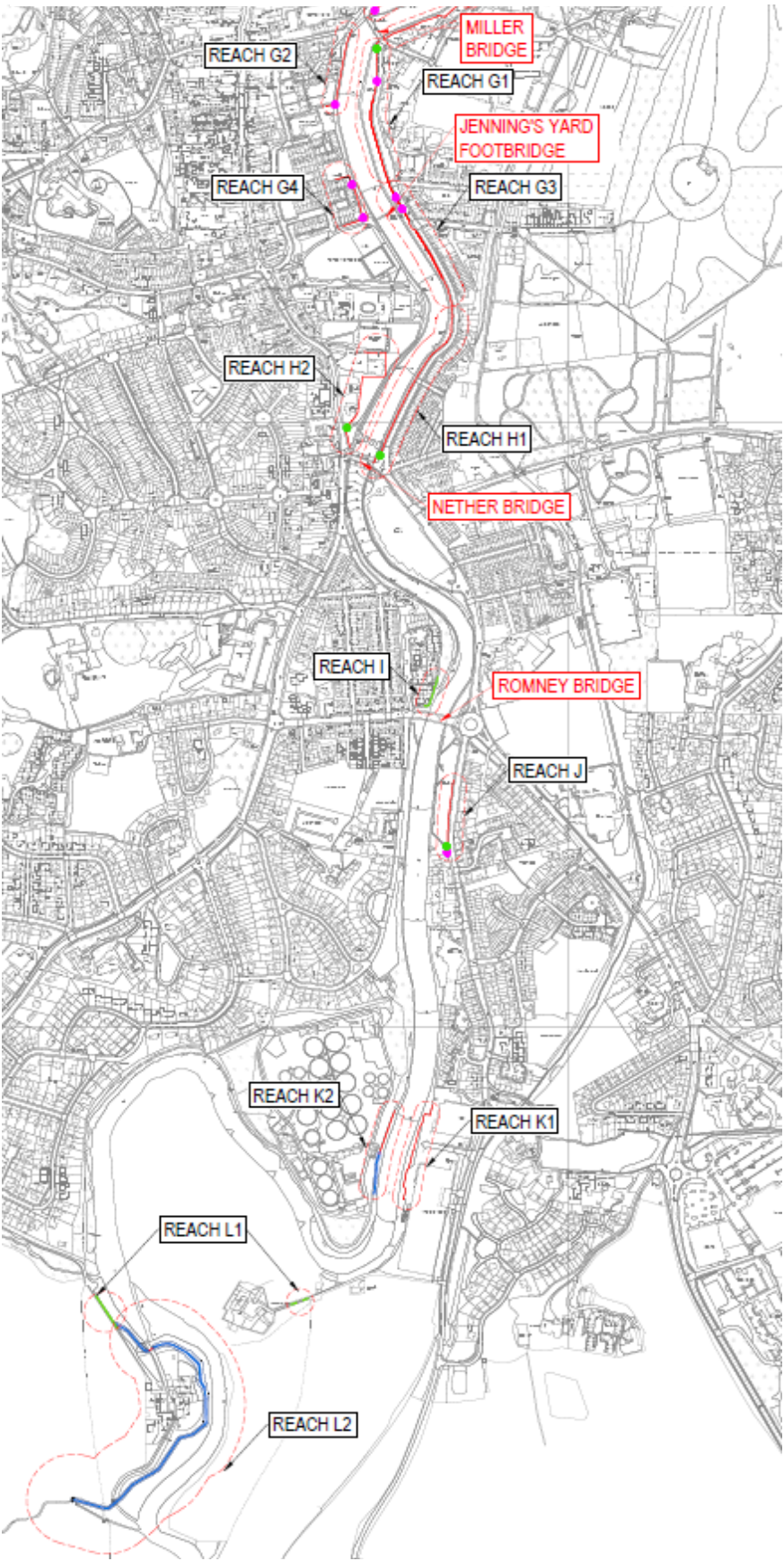
Kendal Area	Location	Reach	Start date	Completion date
North	Lakeland Distribution	A	Q4 2022	Q2 2023
North	Industrial Estate	B1	Q1 2022	Q4 2022
North	Creamery	B2	Q1 2022	Q4 2022
North	Mintsfeet	C1	Q1 2022	Q3 2022
North	Aikrigg	C2	Q3 2022	Q4 2022
North	Antiques Emporium	D	Q1 2022	Q3 2022
Central	Busher Walk	E1	Q1 2022	Q2 2022
Central	Skate Park	E3	Q1 2022	Q1 2022
Central	Stramongate School	E4	Q3 2022	Q3 2022
Central	Stramongate & Gooseholme	F1	Q1 2021	Q4 2021
Central	Sandaire House	F2	Q1 2021	Q4 2021
Central	New Road	F3	Q1 2021	Q4 2021
Central	Stockbeck Pumping Station	F4	Q1 2021	Q1 2022
Central	Gooseholme walls	F4	Q3 2021	Q2 2022
Central	Gooseholme & Little Aynam	F5 & F6	Q1 2021	Q4 2021

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



Kendal Area	Location	Reach	Start date	Completion date
South	Aynam Road North	G1	Q3 2021	Q1 2022
South	Waterside cafe	G2	Q1 2021	Q4 2021
South	Aynam Road Central	G3	Q3 2021	Q2 2022
South	Waterside flats	G4	Q1 2021	Q3 2021
South	Aynam Road	H1	Q1 2021	Q4 2021
South	Parish Church	H2	Q1 2021	Q4 2021
South	Romney Gardens	I	Q4 2020	Q2 2021
South	Ford Park	J	Q4 2020	Q2 2021
South	Clark's & UU	K1	Q4 2020	Q2 2021
South	Watercrook	L1	Q4 2020	Q1 2021
South	Helsington	L1 & L2	Q4 2020	Q2 2021



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