



Reducing the Flood Risk
for **Mytholmroyd**
Flood Alleviation Scheme



Mytholmroyd Flood Alleviation Scheme

Following the devastating floods of Boxing Day 2015, the Environment Agency in partnership with Calderdale Council and VBA Joint Venture Ltd have been working hard to design a flood defence scheme for Mytholmroyd. The £30m scheme aims to better protect around 300 homes and 70 businesses with a 1 in 50 year standard of protection. This is a significant improvement to the current standard of protection of 1 in 5 years.

Due to the severity and history of flooding in Mytholmroyd, it was important that a flood alleviation scheme was designed and constructed as quickly as possible. To develop the scheme at pace, we have run many aspects of the programme in parallel. This has involved design work, community consultation, obtaining planning permission and ground investigation work. The construction phase of the scheme is planned up to Winter 2019.

Whilst we have been designing the scheme, a number of activities have already been carried out to protect the village. These include inspecting and repairing damaged defences, removing blockages and installing new temporary defences. Data and evidence has been gathered during the inspection process to help develop a better understanding of the catchment and produce computerised models to confirm how certain scenarios for flood risk measure will work.

The flood alleviation scheme isn't the only way we are looking to reduce the risk of flooding. Options to further reduce flood risk such as upstream reservoirs and Natural Flood Risk Management measures are being developed and implemented through the wider Calderdale Flood Action Plan (www.gov.uk).

Your views have been vital in the way we have developed the scheme for Mytholmroyd and we have worked closely and in consultation with stakeholders and community members to ensure we provide a final solution that incorporates your views on the future of the village. We held a public consultation event in October 2016 where we asked for you to share your experiences of recent flooding and to gain your feedback on our proposals. We've also held additional consultations around wall heights and we asked you to vote on your preferences for some of the wall finishes. VBA also held a supplier engagement day inviting local suppliers and contractors to become involved in the project.

There are a number of questions we are asked regularly about the scheme:

We are often asked whether the new Flood Alleviation Scheme will protect against a flood on the same scale as December 2015 – unfortunately we can't totally



Demolition work along Burnley Road, Autumn 2017

eliminate the risk of flooding. December 2015 was a 1 in 200 year event (the wettest on record, but also the wettest calendar month overall since records began in 1910). The completed scheme for Mytholmroyd aims to protect against a flood event on the scale seen in 2012. The growing threat from more extreme weather events means we must always be as prepared and as resilient as possible.

Traffic Management is a necessary part of the work and we recognise the disruption this can cause. Unfortunately, due to the proximity of the river to the highway, much of our work will be required along the roadside. This means that throughout the scheme, we will almost always need to block off one lane of Burnley Road and have traffic management in place. We will be working in 100m stretches and will do everything we can to minimise the disruption. A separate Frequently Asked Questions (FAQ) document has been prepared to answer a number of issues around traffic management. This is available on our website www.eyeoncalderdale.com.

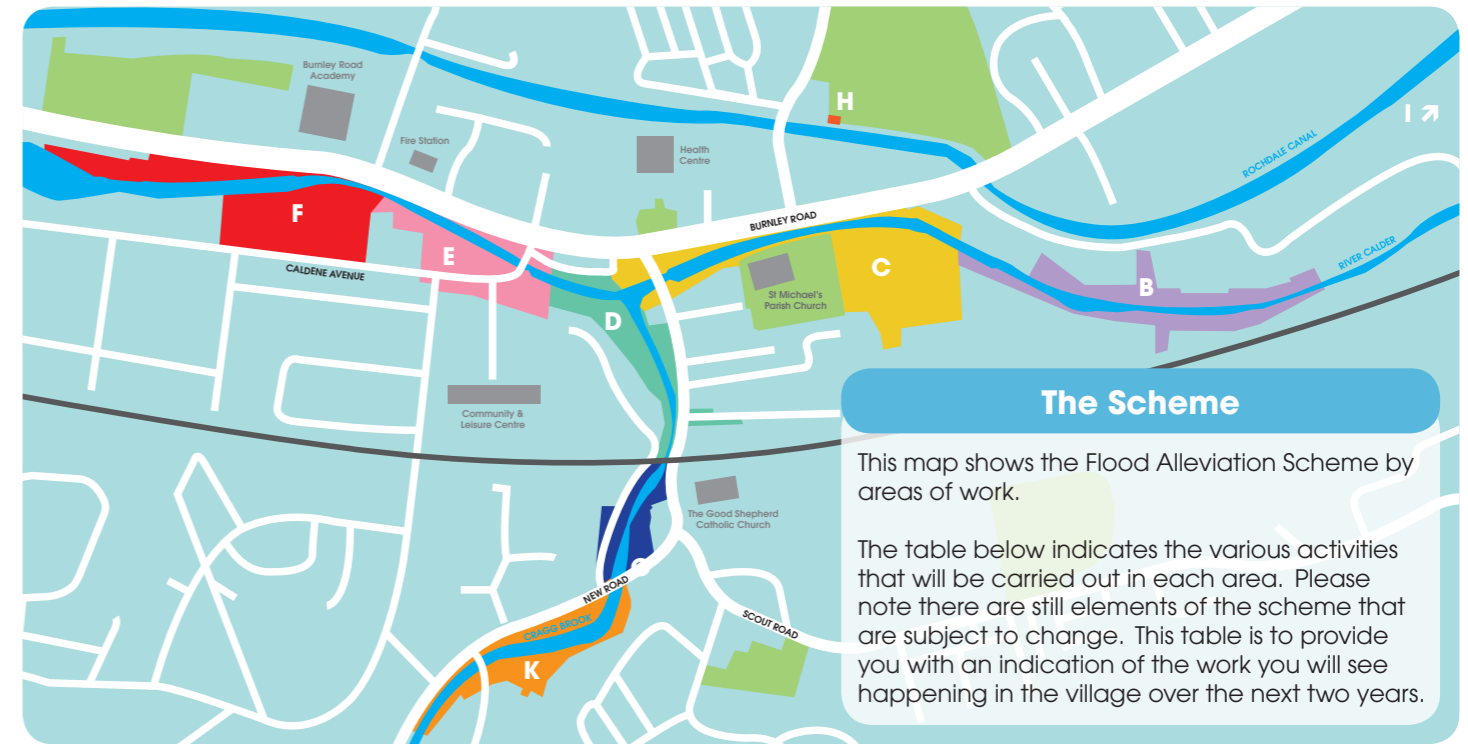
You've also asked us why we couldn't just dredge the river – our analysis and modelling information shows that dredging will have no significant impact in reducing flood risk in Mytholmroyd.

There has been some concern over the number of trees that have been felled in the village. It is unfortunate that we've had to lose a number of trees from the village. We understand how disappointing this is for the community, but sadly it is unavoidable to ensure we can widen the river and build the new flood walls. We are aiming to replace every tree we've had to remove with two others in the area.

Wall finishes consultation December 2017



Installing permanent defences along Cragg Brook, December 2017



The Scheme

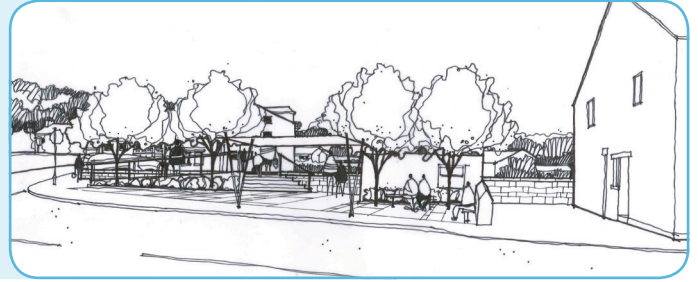
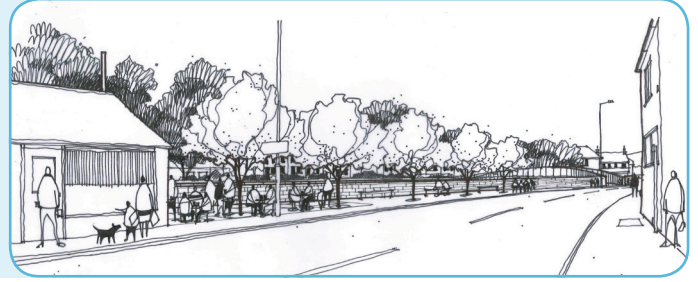
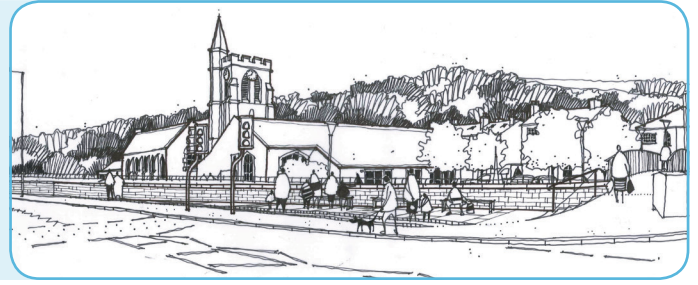
This map shows the Flood Alleviation Scheme by areas of work.

The table below indicates the various activities that will be carried out in each area. Please note there are still elements of the scheme that are subject to change. This table is to provide you with an indication of the work you will see happening in the village over the next two years.

Area (including estimated construction time scales*)	Planned Work
Area B - Greenhill Industrial Estate (Summer 2019 - Spring 2020)	<ul style="list-style-type: none"> New flood defence walls Flood proofing to buildings Installation of flood gates
Area C - Mytholmroyd Bridge and St Michael's Church (Summer 2018 - Winter 2019-2020)	<ul style="list-style-type: none"> Demolition of 4-16 Burnley Road (complete) New flood defence walls Channel widening adjacent to the Church Landscaping around the Church/Bowling Green area Removal of existing public toilet block Creation of public amenity space on the former Post Office and toilet block sites Modifications to the existing downstream footbridge at New Road to flood defence level Flood proofing to properties
Area D - Cragg Brook (Elphin Brook) & River Calder Confluence (Summer 2018 - Autumn 2019)	<ul style="list-style-type: none"> New flood defence walls Flood proofing to properties
Area E - Caldene Bridge (Summer 2018 - late Summer)	<ul style="list-style-type: none"> Demolition of 10 & 13 Calder Grove and the florist (complete) Construction of new road bridge New flood defence walls River channel widening Demolition of existing Caldene Avenue highway bridge
Area F - Upstream of Caldene Bridge (Autumn 2018 - late Summer 2020)	<ul style="list-style-type: none"> New flood defence walls Flood proofing to properties River channel widening
Area G - Cragg Brook (Elphin Brook) Upstream of Railway Viaduct (Summer 2017 - Autumn 2018)	<ul style="list-style-type: none"> New flood defence walls along Streamside Fold and Shoulder of Mutton
Area H - White Lee Clough (Foster Clough) Culvert (Summer 2018 - Winter 2019-2020)	<ul style="list-style-type: none"> Improve condition of existing culvert Provide new trash screens Provide new overflow discharge pipe to the canal
Area I - Rochdale Canal (Autumn 2018 - Spring 2020)	<ul style="list-style-type: none"> Raise tow path and pedestrian access at Mayroyd Remove redundant bridge beams at Mayroyd Provide new spillway structure next to Brearley
Area K - Scar Bottom Cottages and Cragg Road (Winter 2019-2020 - Summer 2020)	<ul style="list-style-type: none"> New flood defence wall Installation of property level protection
Area L (Luddenden Foot & Brearley) - Downstream works (Autumn 2019 - Spring 2020)	<ul style="list-style-type: none"> Provide new flood defences in Brearley Flood proofing to properties
Area M - Burnley Road Surface Water Drainage (Spring 2018 - Summer 2018)	<ul style="list-style-type: none"> Provide drainage improvements works from Sainsbury's to Midgley Road

The Changing Landscape

Artists impressions of the new finished landscape



Keeping you informed

It is important to us that we provide the right level of information to you to keep you up to date with our work in the village. We have a number of ways to do this – we hold meetings with those directly affected by our work; we meet with our stakeholder group (this includes representatives from various community groups within the village); we keep in contact with your local councillors and attend community organised meetings such as the Business Network Breakfast.

We provide a regular Bulletin to keep you informed of our work as we progress - by emailing MytholmroydFAS@environment-agency.gov.uk you can sign up to receive this direct to you by email or look out for copies displayed around the village.

We also have an office at Red Acre Field, Burnley Road, HX7 5DQ where you can visit and ask our staff questions or let them know of your concerns.

You can find updates about the scheme on the website eyeoncalderdale.com or follow us on Twitter [#MytholmroydFAS](https://twitter.com/MytholmroydFAS).

For News Updates:

Twitter: [#EnvAgencyYNE](https://twitter.com/EnvAgencyYNE) ([#MytholmroydFAS](https://twitter.com/MytholmroydFAS))

Website: www.eyeoncalderdale.com

Bulletin: sign up to receive updates – send 'subscribe' to:

MytholmroydFAS@environment-agency.gov.uk

To Contact the Project Team:

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