

Agenda Item No. 8(k)

DERBYSHIRE COUNTY COUNCIL

CABINET

26 July 2016

Report of the Strategic Director – Economy, Transport and Communities

AMENDMENT TO THE 2013-14 CAPITAL PROGRAMME – DERWENT GROVE, ALFRETON FLOOD ALLEVIATION SCHEME (HIGHWAYS, TRANSPORT AND INFRASTRUCTURE)

(1) **Purpose of Report** To seek Cabinet approval to amend the 2013-14 Capital Programme to increase the approved budget for the Derwent Grove, Alfreton Flood Alleviation Scheme from £50,000 to £152,500.

(2) **Information and Analysis** Properties at Derwent Grove and Amber Grove, Alfreton have suffered internal flooding on multiple occasions over the past 20 years.

In 2013, a consultant was commissioned to undertake a flood study to assess the current and future flood risk to the community. The outcome of this was the identification of a number of potential long term mitigation options.

On 12 November 2013, Cabinet received a report seeking approval to implement a short term flood defence scheme and to commission design work on a long term mitigation solution (Minute No.303/13 refers).

Subsequently, the Flood Risk Management (FRM) Team has been working closely with the Alfreton Flood Forum and members of the community, to help mitigate further impacts.

In 2014, a consultant (URS, now AECOM) was commissioned to investigate the feasibility and merit of a number of the longer term mitigation options. This report detailed a number of factors relating to each option including their costs, benefits and risks.

These longer term options were evaluated by AECOM and the FRM Team, and discussed with the local community. It is proposed that the best long term mitigation solution is to construct a flood bund alongside Derwent Grove and Amber Grove, with the aim of preventing flows from Oakerthorpe Brook overtopping the bank onto the adjacent footpath and so intercepting the potential flow route towards nearby properties.

Therefore, the overall total cost of the scheme has now increased from £42,500 to £152,500 to reflect the inclusion of the remaining detailed design work required and the construction of the longer term mitigation scheme.

Subject to Cabinet approval, final design work for this solution could commence immediately with construction to follow in the 2017-18 financial year.

The costs of developing this scheme, including additional grant secured to fund the design and works are set out in details below.

(3) **Financial Considerations** On 3 December 2013, Cabinet approved the addition of £50,000 to the 2013-14 Capital Programme for Flood Defence works (Phase One) at Derwent Grove and initial design of a long term Flood Mitigation solution (Phase Two) (Minute No. 303/13 refers).

The total costs of these approved elements of expenditure were £42,500.

The additional costs of Phase Two of the project are now calculated to total £102,500 comprising of £40,000 for the remaining detailed design work and £70,000 for the construction of the flood mitigation solution.

It is proposed that these additional costs are met from the following funding sources:

Contributor	Value of Contributions £
Derbyshire County Council	32,500
Private Contributors	20,000
Environment Agency Grant Flood and Coastal Erosion Risk Management Grant in Aid (FCERM GiA)	50,000
Total Additional Funding Required	102,500
Budget already funded	50,000
Revised Total Budget	152,500

The initial bid for FCERM GiA has been revised to reflect the changing estimates of the costs of the scheme, following continued detailed analysis of the options. The revised bid has been indicatively approved by the Trent Regional Flood and Coastal Committee, subject to all of the other funding sources being identified and secured.

Derbyshire County Council's £40,000 funding contribution will be met from the Flood Risk Management Revenue Budget.

The FRM Team has indicatively identified a number of sources for the private funding contribution (£20,000) including:

- Local businesses that benefit from discharging to the watercourse upstream of the affected community, including Thorntons and a multitude of other businesses. The FRM Team is in the process of liaising with these companies.
- The affected local residents. It is possible that the residents who will benefit from the proposed works may individually contribute a small amount towards the outstanding partnership contribution.

(4) **Legal Considerations** The construction of the bund is likely to be situated on the boundary of many properties which are to be protected and therefore excavation within the boundaries of these properties is likely and will require permissions from all landowners. The landowners will also be required to accept the flood bund maintenance responsibilities.

There is a public footpath which allows access to the side of the watercourse near to where the flood bund is proposed. The access to this public footpath will need to be maintained once the scheme is built. It is proposed that flood gates would be installed at Derwent Grove, Amber Grove and Trent Grove, adjacent to the watercourse. Further feasibility assessment and detailed design will be undertaken for the flood gates during the detailed design stage, including an equalities assessment.

A temporary diversion of the public footpath will also be required during the construction works to allow the safe passage of the public during the works.

(5) **Environmental and Social Value Considerations** The environmental and social value considerations for the scheme are considered within the consultant feasibility report which was completed in 2014. They will be further explored and detailed during the detailed design phase.

The construction of the flood bund will provide obvious social benefit to the at-risk community. There may, however, be visual concerns of the flood bund from the community. The construction of the flood bund will be likely to have a negative impact on the local environment in the short term. Any longer term potential implications on the environment will be designed out at the 'detailed design' stage.

(6) **Property Considerations** There are 14 residential properties that will be protected by the proposed flood bund. These properties will be mitigated from flooding up to the 1 in 100 year plus climate change event extent. The consultant report undertaken in 2014 investigated this and it will be considered in more detail during the detailed design stage.

In preparing this report the relevance of the following factors has been considered: prevention of crime and disorder, equality and diversity, human resources, health and transport considerations.

(7) **Key Decision** No.

(8) **Call-In** Is it required that call-in be waived in respect of the decisions proposed in the report? No.

(9) **Background Papers** Held on file within the Economy, Transport and Communities Department. Officer contact details – Steve Mead, extension 38577.

(10) **OFFICER'S RECOMMENDATIONS** That Cabinet:

10.1 Approves the amendment of the Capital Programme 2013-14 to increase the budget of the Derwent Grove Flood Alleviation project from £50,000 to £152,500.

10.2 Gives approval to accept Flood and Coastal Erosion Risk Management Grant in Aid grant funding of £50,000, given in respect of the Derwent Grove, Alfreton Flood Alleviation project, as it is made available.

Mike Ashworth
Strategic Director – Economy, Transport and Communities