

DERBYSHIRE COUNTY COUNCIL

CABINET

20 September 2016

Report of the Strategic Director – Economy, Transport and Communities

**AMENDMENT TO THE 2013-14 CAPITAL PROGRAMME – RENISHAW
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 Renishaw Flood Alleviation Scheme from £15,000 to a maximum of £127,684 to undertake a detailed options appraisal as requested by the Environment Agency.

(2) **Information and Analysis** Approximately 130 residential properties and 20 non-residential properties in Renishaw are at a significant risk of flooding (based on the outputs of the Council's current investigations). These include a local business estate, a doctor's surgery, Yorkshire Water pumping station, and the public highways Emmett Carr Lane and the A6135 Sheffield Road (an arterial route to the M1). Many of the residential and non-residential properties have suffered flooding on a number of occasions within the last ten years. The most recent example of extensive flooding was in 2007 where 53 properties, including the doctor's surgery, were impacted. A similar event occurred prior to this in 2000 and, in 2014, a large number of properties were on the cusp of being affected.

On 10 September 2013, Cabinet approved a report to receive Local Levy grant to undertake a study which looked at a range of potential options for the community (Minute No. 231/13 refers).

In 2013, a consultant was commissioned to undertake the flood study, the outcome of which was the identification of the following potential long term mitigation options for further investigation/options analysis:

- Replace the existing culverts where they are currently damaged.
- Install a new flood relief culvert and provide Property Level Protection products for the remaining properties not modelled to be protected by the new flood relief culvert.

Due to the likely outturn cost of the potential solution (currently projected as being in the region of £1m to £1.5m), the Environment Agency has advised

that a detailed options appraisal will be required and that this will also require a Ground Penetrating Radar (GPR) survey to be completed to understand what lies beneath the sub-surface in the vicinity of the proposed flood relief culvert. This information is important to understand the viability of this option.

The additional costs associated with the options appraisal and GPR survey are presented below.

Detailed design and construction work, identified by this appraisal and survey, will be submitted to Cabinet for consideration at a future date. Funding has already been indicatively allocated from future FCERM and Local Levy grants.

(3) **Financial Considerations** On 10 September 2013, Cabinet approved the addition of £15,000 to the 2013-14 Capital Programme for a study which looked at a range of solutions, to flooding at Renishaw (Minute No. 231/13 refers). The eventual cost of this was £12,684.

The Council has liaised with the Environment Agency, who has advised that a detailed options appraisal will cost in the region of £100,000, based on similar projects completed by other local authorities. The GPR survey is anticipated to cost £15,000.

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

Contributor	Value of Contributions £
Derbyshire County Council – Flood Management Budgets	55,000
Environment Agency Local Levy Grant	31,000
Environment Agency FCERM GiA Grant	29,000
Total Additional Funding Required	115,000
Expenditure to Date (already funded)	12,684
Revised Total Budget	127,684

The bid for FCERM GiA and Local Levy has been approved by the Yorkshire Regional Flood and Coastal Committee.

Derbyshire County Council's £55,000 funding contribution will be met from the following sources:

- £15,000 from the Flood Management Revenue Budget
- £40,000 from the Flood Management Earmarked Reserve

The costs associated with the option which is chosen to be progressed, to construction, will be capitalised.

(4) **Legal Considerations** As a Local Flood Authority under the Flood and Water Management Act 2010, the County Council has powers and duties for managing flooding from ordinary watercourses, surface and ground water. It is also responsible for managing and applying a local flood risk strategy which includes co-ordinating activity with other bodies and delivery planning.

(5) **Environmental Considerations** The social and environmental considerations for the scheme have been briefly considered within the study which was completed in 2013. They will be further explored during the detailed options appraisal. The construction of the new culvert may have a negative impact on the local environment but the effect would be determined by the method used and would be controlled to limit the impact. The Council will seek further guidance from the Environment Agency at the appropriate stage of the scheme.

(6) **Social Value Considerations** The overall impact of the scheme would, however, bring overwhelming social and economic benefit to the entire community.

In preparing this report the relevance of the following factors has also been considered: prevention of crime and disorder, equality and diversity, human resources, health, property 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 receipt of Environment Agency grant funding (Flood and Coastal Erosion Risk Management Grant in Aid (FCERM GiA) and Local Levy) of £60,000, provided in respect of the Renishaw Flood Alleviation project.
- 10.2 Approves the amendment of the Capital Programme 2013-14 to increase the budget of the Renishaw Flood Alleviation project from £15,000 to a maximum of £127,684.
- 10.3 Notes that costs associated with the delivery of the preferred option will be the subject of a future report.

Mike Ashworth
Strategic Director – Economy, Transport and Communities