

Housing and Infrastructure Board

31 August 2022

Flood Infrastructure – New Pipeline Schemes

Is the paper exempt from the press and public?	No
Purpose of this report:	Policy Decision
Is this a Key Decision?	No
Has it been included on the Forward Plan?	No

Director Approving Submission of the Report:

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Executive Summary

This report sets out proposals for adding three new schemes onto the flood alleviation and resilience infrastructure pipeline.

What does this mean for businesses, people and places in South Yorkshire?

Investment in these schemes will contribute towards delivering the Connected by Water Plan and reducing flood risk to homes and businesses across South Yorkshire, as well as improving the resilience of places to climate change and potential future flooding.

Recommendations

The Board is asked to approve the three flood schemes listed in paragraphs 2.2 to 2.4 as part of the pipeline of flood alleviation and resilience infrastructure.

Consideration by any other Board, Committee, Assurance or Advisory Panel

Management Board

16 August 2022

1. Background

- 1.1 In March 2021 the MCA committed £5.5m of Gainshare funding for flood alleviation and resilience, £5m of which has been allocated to schemes as part of the 'shovel ready' programme (within the South Yorkshire Priority Programme and forming part of the Connected by Water Plan) with the remaining £0.5m committed for contingencies. Proposals for £0.2m of this contingency funding have been agreed with £0.3m remaining.
- 1.2 Discussion with partners including the Environment Agency and local authorities has established proposals for utilising the remaining Gainshare contingency funding including consideration of the next tranche of schemes which contribute towards flood alleviation and resilience, addressing local priorities and helping deliver the Connected by Water Plan.
- 1.3 The result of these discussions has been the identification of three new schemes for inclusion onto the flood alleviation and resilience infrastructure pipeline, utilising the remaining £0.3m contingency capital funding. See separate agenda item 9 for the related funding decision.

2. Proposal and justification

- 2.1 The three schemes identified for inclusion in the Project Pipeline are summarised below. Project Mandate forms have been completed for each and the Interim Director of Infrastructure and Place and the SYMCA Executive Management Board have considered these schemes and are supportive of them being added onto the infrastructure Project Pipeline.
- 2.2 **Fishlake Flood Risk Management Scheme, Doncaster**
This scheme is within both the South Yorkshire Priority Flood and Infrastructure Resilience Programme and the Connected by Water Plan (action 2.24). The Environment Agency are considering their options in the area and this additional funding would help the viability of a joined-up approach between organisations. The funding ask is £0.1m and is proposed to be released as development funding which will be utilised to enhance the existing feasibility study work by undertaking an asset rationalisation exercise and development of the preferred option to detailed design stage.

It is envisaged that the cost of the full scheme could be in the region of £1m to be funded from existing flood capital resources such as DEFRA Grant in Aid/local authority capital funding. Delivery is anticipated to begin in April 2023.
- 2.3 **Worsbrough Reservoir, Barnsley**
Identified as priority for BMBC, this scheme is within the South Yorkshire Priority Programme and the Connected by Water Plan (action 3.36). Key elements of the project are repair / replacement of an upstream draw-off release valve; review of flood estimates to determine if reservoir catchment areas are still sufficient; and further hydraulic modelling and investigation if required, and replacement of banking. The funding ask is £0.1m and is

proposed to be released as development funding to accelerate the development of the scheme.

It is envisaged that the cost of the full scheme could be in the region of £3.2m to be funded from other budgets, including Local Authority capital funding and other partnership funding. Delivery is anticipated to begin in November 2023.

- 2.4 Rotherham Renaissance Flood Alleviation Scheme Phase 2G, Rotherham**
Phase 2 of the Rotherham Renaissance Flood Alleviation Scheme is within the South Yorkshire Priority Flood and Infrastructure Resilience Programme and the Connected by Water Plan (action 2.33). This project is identified as Phase 2G and delivers a new “outfall structure”, enabling silt removal, and the safe removal of water overtopping flood defences. The funding ask is £0.1m and is proposed to be released as development funding to accelerate the design stage work.

It is envisaged that the full cost of this Phase 2G scheme could be in the region of £0.4m to be funded from other budgets, including Local Authority capital funding, Grant in Aid and other partnership funding. Delivery is anticipated to begin on this Phase 2G in April 2023.

3. Options Considered and Recommended Proposal

3.1 Option 1

Not approving or delaying acceptance of the three new schemes onto the flood alleviation and resilience infrastructure pipeline.

3.2 Option 1 Risks and Mitigations

Not approving or delaying approvals for the identified schemes would result in a slower pace of delivery and spend to support implementation of the Connected by Water Plan, and delay delivery of schemes to reduce the risk of flooding and increase community resilience in South Yorkshire. The schemes are agreed priorities, and the SYMCA Executive is satisfied that the schemes are deliverable and no alternative schemes would come forward for early delivery if these schemes were not supported.

3.3 Option 2

Approve acceptance of the three new schemes onto the flood alleviation and resilience infrastructure pipeline.

3.4 Option 2 Risks and Mitigations

Key risks relate to the availability of resources for local authorities to deliver the pipeline schemes. These are considered minimal. The schemes are identified as priorities by relevant local authorities (through inclusion in the Connected by Water Plan, and existing financial commitments), and local authorities in South Yorkshire have a good track record of delivering infrastructure schemes.

3.5 Recommended Option

Option 2

4. Consultation on Proposal

The MCA Management Board has considered the Project Mandate proposals and supports the proposed use of Gainshare contingency funding.

5. Timetable and Accountability for Implementing this Decision

The SYMCA Executive will work with the Environment Agency and local authorities to deliver these schemes. Timelines for the new pipeline schemes are set out in the Project Mandate forms at Appendices A to C.

6. Financial and Procurement Implications and Advice

The use of £0.3m of the remaining previously committed contingency capital funding to support the identified schemes aligns with the purposes of this funding; contributing to the delivery of capital schemes to reduce the risk of flooding and improve flood resilience in South Yorkshire.

7. Legal Implications and Advice

There are no direct legal issues arising from this report.

8. Human Resources Implications and Advice

None as a direct result of this report.

9. Equality and Diversity Implications and Advice

There are no equality and diversity implications directly arising from this report.

10. Climate Change Implications and Advice

The climate and nature emergency requires a strong collective response to carbon reduction and to be more resilient to the impacts of climate change. The proposals will contribute by assisting partners to deliver schemes which reduce flood risk and build climate resilience across South Yorkshire.

11. Information and Communication Technology Implications and Advice

None as a direct result of this report.

12. Communications and Marketing Implications and Advice

There will be opportunities for publicity and marketing when the proposed schemes are being delivered.

List of Appendices Included*

A – Project Mandate form: Fishlake Flood Risk Management Scheme, Doncaster

B – Project Mandate form: Worsbrough Reservoir, Barnsley

C – Project Mandate form: Rotherham Renaissance Flood Alleviation Scheme Phase 2G, Rotherham

Background Papers

[Connected by Water Plan](#)