

HAMPSHIRE COUNTY COUNCIL

Officer Decision Record

Decision Maker:	Director of Economy, Transport and Environment
Title:	Pitt Flood Alleviation Scheme, Enmill Lane Delegated Decision

Contact name:

Tel: 01962 847657

Email: Gloria.kwaw@hants.gov.uk

1. The decision:

- 1.1. That the Director approves the project appraisal to implement flood mitigation improvements at Enmill Lane in Pitt, Winchester at an estimated cost of £128,000.

2. Reason for the decision:

- 2.1. In the winter of 2012/13 and 2013/14, following exceptional rainfall, flooding occurred in Pitt affecting two cottages, highways infrastructure and adjoining areas.
- 2.2. A feasibility study undertaken by Hampshire County Council recommended a phased programme of measures to reduce the risk of flooding in the area. These included a package of minor drainage improvements based on a passive system with a lower risk of failure and an acceptable level of ongoing maintenance costs.
- 2.3. The programme of works agreed by the local County Councillor and representatives of the Parish Council and local residents group in July 2017, will not eliminate flooding but will reduce the impact of flooding at a proportionate cost and with minimal environmental impact.
- 2.4. The implementation of the scheme would contribute towards the three corporate objectives, Hampshire County Council's Local Flood Risk Management Strategy and the catchment based approach to flood risk management in Hampshire.

3. Other options considered and rejected:

- 3.1 The feasibility study identified a range of options that had the potential to reduce the risk of flooding in the area. The measures included the installation of a new detention basin/pond, a flow control system to reduce the flow rate downstream, and the construction of a flood barrier. At the stakeholder meeting in July 2017, it was agreed that these options should not be taken forward due to environmental impacts and cost implications.
- 3.2 Do nothing would not align with the County Council's Local Flood Risk Management Strategy (LFRMS) that aims to maintain, and improve where

necessary, local flood risk management infrastructure and systems to reduce flood risk.

4. Conflicts of interest:

4.1. Conflicts of interest declared by an Executive Member who is consulted by the officer which relates to the decision: None

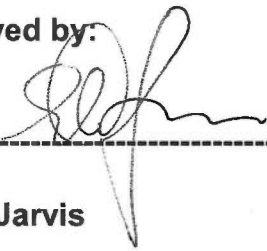
5. Dispensation granted by the Head of Paid Service:

5.1. None

6. Supporting Information:

6.1. None

Approved by:



Stuart Jarvis

Director of Economy, Transport and Environment

Date:

2nd November 2018

HAMPSHIRE COUNTY COUNCIL

Decision Report

Decision Maker:	Director of Economy, Transport and Environment
Title:	Pitt Flood Alleviation Scheme Enmill Lane Delegated Decision

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1. Executive Summary

- 1.1. The purpose of this paper is to obtain delegated approval to procure, spend and enter into the necessary contractual agreements to implement flood risk mitigation improvements at Enmill Lane in Pitt, Winchester at an estimated cost of £128,000.
- 1.2. The Pitt Flood Alleviation Scheme is to be funded as part of the County Council's Flood Risk and Coastal Defence Programme approved by the Executive Member for Transport and Environment in September 2016.
- 1.3. A phased programme of measures has been agreed by key stakeholders. Phase 1 is to be implemented in 2018. Implementation of a further phase will be considered subject to performance of Phase 1.

2. Background

- 2.1. In the winter of 2012/13 and 2013/14, following exceptional rainfall, substantial flooding occurred in Pitt affecting two cottages, highways infrastructure and adjoining areas.
- 2.2. A feasibility study undertaken by Hampshire County Council in April 2017 concluded that exceptional rainfall events caused high levels of groundwater to reduce ground storage capacity and increase surface water run off from Pitt Vale Farm, and along Enmill Lane and A3090. Under these circumstances surface water was unable to soak away, overwhelmed the existing drainage system and resulted in flash flooding.
- 2.3. The County Council has been working with the local County Councillor, Winchester City Council, Pitt Residents Association and Hursley Parish Council to identify appropriate and affordable solutions to reduce the level of flooding in the area.
- 2.4. Following the feasibility study, changes to land management practices at Vale Farm to reduce run off and the installation of property level resilience at a property on Enmill Lane, the stakeholders agreed a phased programme to reduce the level of flooding that was deemed to be proportionate given the

cost and environmental constraints associated with the other options considered.

2.5. It was agreed that the scheme will be implemented in two phases.

Phase 1 comprises of the following steps:

Step1: Pipe lining to repair cracking in existing pipes, new pipe work, root cutting and pipe cleaning to repair existing drainage system and improve its capacity and efficiency.

Step 2: Rebuild headwall to enable existing ditch to be extended and widened to collect additional surface water run-off and reduce flooding at Enmill Lane/A3090 junction.

Step 3: Surface water flow control measures across the entrance of the western junction with the A3090 to direct water away from the frontage of Oddicombe Cottage, and measures to deflect surface water travelling south along Enmill Lane towards the open ditch.

Phase 2 will be implemented subject to performance of Phase 1 and requirement for further works. Phase 2 comprises closure of the length of road on the western side of the triangle, adjacent Oddicombe Cottage, introduction of permanent measures to increase attenuation and to slow the rate of water reaching the culvert under the A3090.

3. Finance

3.1. The estimated cost of Phase 1 of £128,000 to be implemented in 2018 is to be funded from the Flood Risk and Coastal Defence Programme. This includes a risk contingency at 80% tile and an optimism bias of 3% of £27,500.

Estimates	£Total	% of Total
Design Fee	£26,160	20
Client Fee	£6,064	5
Support Services	£7,840	6
Works	£88,106	69
Land	-	-
Total	£128,170	100

- 3.2. Revenue and maintenance implications of this scheme are costed at less than £50 per annum. Net increase in current expenditure is 0% and capital charges is less than 0.01% variation to Committee Budget.

4. Recommendation

- 4.1. That the project appraisal for the implementation of the Pitt Flood Alleviation Scheme at Enmill Lane in Pitt, Winchester, at an estimated cost of £128,000 be approved.

CORPORATE OR LEGAL INFORMATION:**Links to the Corporate Strategy**

Hampshire safer and more secure for all:	Yes
Corporate Improvement plan link number (if appropriate):	
Maximising well-being:	Yes
Corporate Improvement plan link number (if appropriate):	
Enhancing our quality of place:	Yes
Corporate Improvement plan link number (if appropriate):	

Other Significant Links

Links to previous Member decisions:	
<u>Title</u> Flood Risk and Coastal Defence Programme -Priorities	<u>Date</u> 2016
Direct links to specific legislation or Government Directives:	
<u>Title</u> Flood and Water Management Act 2010	<u>Date</u> 2010

Section 100 D - Local Government Act 1972 - background documents

The following documents discuss facts or matters on which this report, or an important part of it, is based and have been relied upon to a material extent in the preparation of this report. (NB: the list excludes published works and any documents which disclose exempt or confidential information as defined in the Act.)

DocumentLocation

Impact Assessments

1. Equalities Impact Assessment:

- 1.1. The proposals in this report have been developed with due regard to the requirements of the Equality Act 2010, including the Public Sector Equality Duty and the Council's equality objectives. The website contains a summary assessment of the impacts on developing Hampshire's highway network and transport systems.
- 1.2. Statutory considerations:

Impact	
Age	None
Disability	None
Sexual Orientation	None
Race	None
Religion and belief	None
Gender Reassignment	None
Sex	None
Marriage and civil partnership	None
Pregnancy and maternity	None
Other policy considerations	
Poverty	None
Rurality	None
Other factors	None
Geographical impact	Winchester

2. Impact on Crime and Disorder:

The implementation of the scheme will reduce the chances of crime and disorder which could occur during flooding events.

3. Climate Change:

How does what is being proposed consider the need to adapt to climate change, and be resilient to its longer term impacts?

Putting effective schemes in place would reduce the amount of energy required to alleviate flooding emergencies through measures such as pumping of flood water, and reduce the resources needed for recovery after an event.