

Report of Jonathan Moxon

Report to the Chief Officer (Highways and Transportation)

Date: 10 September 2019

Subject: Approval for the development of options to reduce flood risk in Potternewton

Capital Scheme Number : 33165

Are specific electoral wards affected? If yes, name(s) of ward(s): Chapel Allerton	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Has consultation been carried out?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are there implications for equality and diversity and cohesion and integration?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Will the decision be open for call-in?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Does the report contain confidential or exempt information? If relevant, access to information procedure rule number: Appendix number:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Summary

1. Main issues

- Potternewton is a suburb of North East Leeds south of Chapel Allerton. This area contains Potternewton Park and is adjacent to Chapel Allerton Hospital. The area has a history of surface water flooding particularly at the Newton Road and Newton Park Drive areas which have been flooded multiple times to significant depths.
- It is expected that flooding to the affected properties can be mitigated through flood alleviation works in the area. Appraisal of the options for a scheme is required to determine the most suitable solution.
- £50,000 funding for appraisal of a scheme has been secured through local levy funding.
- There is £200,000 Grant in Aid funding allocated for the design and construction phases of the project within the Environment Agency medium term plan
- A scheme for Potternewton is listed as S12 in the List of Measures (Schemes) in the Leeds Local Flood Risk Management Strategy.

2. Best Council Plan Implications (click [here](#) for the latest version of the Best Council Plan)

- The proposed works will reduce flood risk improving the resilience of the affected community and neighbourhood.
- The Council is meeting its responsibility as Lead Local Flood Authority in reducing flood risk.

3. Resource Implications

- The total estimated cost of the Feasibility and Outline Design works necessary to reach Outline Business Case approval is £68,000 including LCC staff time.
- The costs of the appraisal and development of this outline business case will be funded from the £50,000 local levy funding paid by the Environment Agency.
- LCC staff time will be funded from the Leeds City Council capital funds, this has been estimated to be £18,000 over the initial phases of the project to develop the outline business case.

Recommendations

The Chief Officer (Highways and Transportation) is requested to:

- a) Give authority to incur expenditure of £68,000 for a capital scheme to carry out appraisal and develop an Outline Business Case for a flood alleviation scheme at Potternewton including obtaining the necessary permits and approvals for the scheme, funded from Environment Agency grant £50,000 and LCC capital borrowing £18,000; and
- b) Note that a further report will be submitted for Highways Board review in early 2020 to gain approval to submit the Outline Business Case to the Environment Agency and to give authority to incur expenditure detailed design and construction of the scheme.

1. Purpose of this report

- 1.1 To note the flooding issues within the Potternewton area to be addressed by a flood alleviation scheme.
- 1.2 To request authority to incur expenditure of £68,000 to carry out the project appraisal and produce an Outline Business Case for the project for submission to the Environment Agency.

2. Background information

- 2.1 Potternewton is a suburb of Leeds located to the north east of the city centre. The area is residential and is heavily urbanised with the exception of the open space within Potternewton Park.
- 2.2 There is a history of property flooding from surface water in Potternewton particularly at Newton Road where residential properties have been flooded in 2007, 2008 and 2010. Seven properties were flooded to significant depths in the 2010 event.

- 2.3 The source of flooding to properties in Potternewton is surface water following an overland route from the northwest. The catchment slopes steeply from the northwest to southeast.
- 2.4 A surface water risk modelling study was carried out by Mouchel in 2011 on behalf of Leeds City Council. This assessed the risk from surface water and identified areas at risk. This model is to be further developed as part of the appraisal of the scheme and development of a business case.
- 2.5 £50,000 of local levy funding has been allocated to investigate flooding in the area and develop a flood alleviation scheme. Following the project appraisal the design and construction of the scheme is expected to be funded primarily from Grant in Aid funding with any other contributions identified during the project appraisal. £200,000 of Grant in Aid has been allocated for future phases of the project in the Environment Agency's Medium Term Plan.

3. Main issues

- 3.1 As described above, areas of Potternewton have known flood risk and properties have been internally flooded in past events. This flood risk is from surface water and overland flow from higher areas of the catchment.
- 3.2 The current programme summary can be found in the table below:
Key Project milestone Summary

Activity	Planned Finish Date (P2)
Feasibility Study	01/11/2019
Submit Outline Business Case	01/07/2020
Detailed Design	01/08/2020
Construction Start	01/10/2020
Construction finish	01/12/2020

4. Corporate considerations

4.1 Consultation and engagement

- 4.1.1 Consultation with residents and ward members has been undertaken previously as part of previous investigation into flooding and installation of PLP to properties at Newton Road.
- 4.1.2 Regular consultation with the Environment Agency will continue throughout the project.
- 4.1.3 As the project progresses and potential options are identified, engagement with local residents affected by the schemes will be carried out through consultation events.
- 4.1.4 Depending on the options review and the works to be constructed the scheme may require planning permission with consultation required as part of this.
- 4.1.5 The scheme was included in the public consultation on the Local Strategy for Flood Risk Management for Leeds City Council.

4.2 Equality and diversity / cohesion and integration

- 4.2.1 An EDCI screening has been completed and is attached as Appendix A. This indicates that an Equality Impact Assessment is not required for what is being proposed.
- 4.2.2 By carrying out these works the Council will be ensuring the safety of the local community and in particular more vulnerable residents such as those who are elderly or have a disability and may struggle to get to safety if flooding occurred.

4.3 Council policies and the Best Council Plan

- 4.3.1 The proposed works will provide improvements to the community and the neighbourhood by reducing the risk of flooding to this area.
- 4.3.2 The Council is meeting its responsibility as Lead Local Flood Authority in reducing flood risk.
- 4.3.3 This scheme is in accordance with the Councils Local Flood Risk Management Strategy and is considered as one of the high priority schemes within the List of Measures.

Climate Emergency

- 4.3.4 Responding to the threats posed by the predicted future impacts of climate change (such as the increased risk of local flooding) is an important issue for the city and can be seen through the development of the Leeds Flood Alleviation Scheme which is aiming to achieve a 1 in 200 year standard of protection, to match that of the floods caused by Storm Eva.
- 4.3.5 The proposed scheme at Potternewton will help to reduce the impacts of flooding and therefore partly adapt to the predicted future impacts of climate change. Carbon emissions associated with the scheme will be considered within the project appraisal to identify and promote lower impact solutions.

4.4 Resources, procurement and value for money

- 4.4.1 The total estimated cost of the Feasibility and Outline Design works necessary to reach Outline Business Case approval is £68,000 including LCC staff time.
- 4.4.2 The costs of the appraisal and development of this outline business case will be funded from the £50,000 local levy funding paid by the Environment Agency.
- 4.4.3 LCC staff time will be funded from the Leeds City Council capital funds, this has been estimated to be £18,000 over the initial phases of the project to develop the outline business case.
- 4.4.4 If the project proceeds to construction the assets will need to be maintained over their design life. The maintenance requirements and post construction costs will be dependent on the design phase of the project and will be considered in the Outline Design.

Capital Funding and Cash Flow

Funding Approval :	Capital Section Reference Number :-					
Previous total Authority to Spend on this scheme	TOTAL	TO MARCH	FORECAST			
	£000's	2019 £000's	2019/20 £000's	2020/21 £000's	2021/22 £000's	2022 on £000's
LAND (1)	0.0					
CONSTRUCTION (3)	0.0					
FURN & EQPT (5)	0.0					
DESIGN FEES (6)	0.0					
OTHER COSTS (7)	0.0					
TOTALS	0.0	0.0	0.0	0.0	0.0	0.0
Authority to Spend required for this Approval	TOTAL	TO MARCH	FORECAST			
	£000's	2019 £000's	2019/20 £000's	2020/21 £000's	2021/22 £000's	2022 on £000's
LAND (1)	0.0					
CONSTRUCTION (3)	0.0					
FURN & EQPT (5)	0.0					
DESIGN FEES (6)	18.0		18.0			
OTHER COSTS (7)	50.0		50.0			
TOTALS	68.0	0.0	68.0	0.0	0.0	0.0
Total overall Funding (As per latest Capital Programme)	TOTAL	TO MARCH	FORECAST			
	£000's	2019 £000's	2019/20 £000's	2020/21 £000's	2021/22 £000's	2022 on £000's
LCC Supported Borrowing	18.0		18.0			
Revenue Contribution	0.0					
Capital Receipt	0.0					
Government Grant	50.0		50.0			
Any Other Income (Specify)	0.0					
Developer Contribution (S106)	0.0					
Total Funding	68.0	0.0	68.0	0.0	0.0	0.0
Balance / Shortfall =	0.0	0.0	0.0	0.0	0.0	0.0

4.5 Legal implications, access to information, and call-in

- 4.5.1 The proposed flood alleviation study aim is to mitigate the flood risk in Potternewton, this is consistent with the Council's statutory duty as the Lead Local Flood Risk Authority and the Council's policy as set out and approved in the Leeds CC Local Flood Risk Management Strategy. The content of the report is not therefore subject to Call In.

4.6 Risk management

- 4.6.1 An allowance for risk and uncertainty in the costs has been included in the costs of the scheme. As such there is a low risk of overspend in this phase of the work.
- 4.6.2 The OBC and appraisal will identify the most suitable option for a scheme in the area. There is a risk that the preferred option will not be affordable and the scheme will not progress until alternative funding can be secured.

5. Conclusions

- 5.1.1 Options need to be assessed and appraised in order to ensure the best outcomes are achieved to reduce flood risk to properties in Potternewton.

5.1.2 Local levy and Grant in Aid funding provide an opportunity to develop options and construct works to reduce flood risk in Potternewton.

6. Recommendations

6.1 The Chief Officer (Highways and Transportation) is requested to:

- Give authority to incur expenditure of £68,000 for a capital scheme to carry out appraisal and develop an Outline Business Case for a flood alleviation scheme at Potternewton including obtaining the necessary permits and approvals for the scheme, funded from Environment Agency grant £50,000 and LCC capital borrowing £18,000.
- Note that a further report will be submitted for Highways Board review in early 2020 to gain approval to submit the Outline Business Case to the Environment Agency and to give authority to incur expenditure detailed design and construction of the scheme.

7. Background documents¹

7.1 Appendix A – Equality Impact Assessment

¹ The background documents listed in this section are available to download from the council's website, unless they contain confidential or exempt information. The list of background documents does not include published works.

Appendix A

Equality, Diversity, Cohesion and Integration Screening



As a public authority we need to ensure that all our strategies, policies, service and functions, both current and proposed have given proper consideration to equality, diversity, cohesion and integration.

A **screening** process can help judge relevance and provides a record of both the **process** and **decision**. Screening should be a short, sharp exercise that determines relevance for all new and revised strategies, policies, services and functions. Completed at the earliest opportunity it will help to determine:

- the relevance of proposals and decisions to equality, diversity, cohesion and integration.
- whether or not equality, diversity, cohesion and integration is being/has already been considered, and
- whether or not it is necessary to carry out an impact assessment.

Directorate: City Development	Service area: Flood Risk Management
Lead person: Ian McCall	Contact number: 0113 378 8012

1. Title: Potternewton Flood Alleviation Scheme
<p>Is this a:</p> <p> <input type="checkbox"/> Strategy / Policy <input checked="" type="checkbox"/> Service / Function <input type="checkbox"/> Other </p> <p>If other, please specify</p>

2. Please provide a brief description of what you are screening
This screening assessment is for the proposed flood alleviation works at Potternewton.

3. Relevance to equality, diversity, cohesion and integration

All the council's strategies/policies, services/functions affect service users, employees or the wider community – city wide or more local. These will also have a greater/lesser relevance to equality, diversity, cohesion and integration.

The following questions will help you to identify how relevant your proposals are.

When considering these questions think about age, carers, disability, gender reassignment, race, religion or belief, sex, sexual orientation and any other relevant characteristics (for example socio-economic status, social class, income, unemployment, residential location or family background and education or skills levels).

Questions	Yes	No
Is there an existing or likely differential impact for the different equality characteristics?		x
Have there been or likely to be any public concerns about the policy or proposal?		x
Could the proposal affect how our services, commissioning or procurement activities are organised, provided, located and by whom?		x
Could the proposal affect our workforce or employment practices?		x
Does the proposal involve or will it have an impact on <ul style="list-style-type: none"> • Eliminating unlawful discrimination, victimisation and harassment • Advancing equality of opportunity • Fostering good relations 		x

If you have answered **no** to the questions above please complete **sections 6 and 7**

If you have answered **yes** to any of the above and;

- Believe you have already considered the impact on equality, diversity, cohesion and integration within your proposal please go to **section 4**.
- Are not already considering the impact on equality, diversity, cohesion and integration within your proposal please go to **section 5**.

4. Considering the impact on equality, diversity, cohesion and integration

If you can demonstrate you have considered how your proposals impact on equality, diversity, cohesion and integration you have carried out an impact assessment.

Please provide specific details for all three areas below (use the prompts for guidance).

- **How have you considered equality, diversity, cohesion and integration?**

(**think about** the scope of the proposal, who is likely to be affected, equality related information, gaps in information and plans to address, consultation and engagement activities (taken place or planned) with those likely to be affected)

<ul style="list-style-type: none"> • Key findings <p>(think about any potential positive and negative impact on different equality characteristics, potential to promote strong and positive relationships between groups, potential to bring groups/communities into increased contact with each other, perception that the proposal could benefit one group at the expense of another)</p>
<ul style="list-style-type: none"> • Actions <p>(think about how you will promote positive impact and remove/ reduce negative impact)</p>

5. If you are not already considering the impact on equality, diversity, cohesion and integration you will need to carry out an impact assessment.

Date to scope and plan your impact assessment:	
Date to complete your impact assessment	
Lead person for your impact assessment (Include name and job title)	

6. Governance, ownership and approval

Please state here who has approved the actions and outcomes of the screening

Name	Job title	Date
Ian McCall	FRM Engineer	22/07/2019

7. Publishing

This screening document will act as evidence that due regard to equality and diversity has been given. If you are not carrying out an independent impact assessment the screening document will need to be published.

Please send a copy to the Equality Team for publishing

Date screening completed	22/07/2019
If relates to a Key Decision send to Corporate Governance	
Any other decision please send to Equality Team (equalityteam@leeds.gov.uk)	