

Eco Impact Checklist – Rev A (17/09/2019)

Title of report:	Chocolate Path River Wall Refurbishment		
Report author:	Chris Dooley (Structures Manager)		
Anticipated date of key decision	1 October 2019		
Summary of proposals:			
<ol style="list-style-type: none"> 1. To recommend that the additional capital funding sought to implement the construction and delivery of Option 2 - full design which will also include £1m for full mitigation measures to ensure further resilience. 2. To approve the additional Capital funding estimation of £4,023,190 now being sought. 3. To approve recommended additional flood protection measures to raise the wall to 2065 flood protection requirements. 4. To provide a Steer on the additional option to further raise the wall to 2115 flood protection requirements. There may be a significant cost implication to this decision to further raise the wall. 5. To delegate to the Executive Director for Growth and Regeneration approval to enter into a contract for the above works 			
Background			
<p>Implementing the stabilisation works will allow the Chocolate Path to be re-opened, letting pedestrians and cyclists access to the route once again. This would allow them to use the off-road facility rather than Cumberland Road. It will also allow the Heritage railway to re-open, letting trains run again as a tourist attraction. This has financial benefits for the operator and a reputational enhancement to the tourist industry corporately within the City. It will also remove the risk of potential structural failure of the ground supporting Cumberland Road, which would result in a subsequent lane closures or full road closure of Cumberland Road. Such a road closure would affect resident and business local access especially to the SS Great Britain and also the effective full operation of the MetroBus scheme.</p> <p>It will also remove the risk of a collapse of the river retaining wall into the New Cut, which could result in detrimental environmental impacts on the river, as well as operational impacts on the local highway network. Such a potential collapse would result in the need for an emergency response and immediate remediation works that are likely to be more expensive than the planned and phased programmed stabilisation works. The final recommended concept design (Option 2), will have the additional inclusion new flood defence resilience measures to prevent or reduce future flooding of the Chocolate Path/railway that would result in wider economic benefits from reduced levels of flooding on this corridor and also to Cumberland Road.</p>			
Will the proposal impact on...	Yes/ No	+ive or -ive	If Yes...
			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Briefly describe</td> <td style="width: 50%;">Briefly describe Mitigation</td> </tr> </table>
Briefly describe	Briefly describe Mitigation		

			impact	measures
Emission of Climate Changing Gases?	Yes	+ive	Re-opening of cycle route along Chocolate path provides infrastructure to encourage cycling. Cumberland Road forms part of Metro Bus route.	The Chocolate Path forms a section of NCN Route 33, as well as being part of Bristol's cycle route network therefore promoting Wellbeing by encouraging sustainable modes of travel and improvements to air quality. Ensuring Cumberland road can remain open ensures security of bus route.
		-ive	Construction works will involve travel and use of materials.	Look to appoint a local contractor if practical to reduce travel impacts.
Bristol's resilience to the effects of climate change?	Yes	+ive	To approve recommended additional flood protection measures to raise the wall to 2065 flood protection requirements. Risk of road closure of the works not taken place	Provides resilience against flood risk, Works will mitigate the risk of further structural deterioration which could lead to road closure, negatively affecting other busy roads and air pollution in the area as well as bus routes. And will also pollute the watercourse if structural collapse happens.
Consumption of non-renewable resources?	Yes	-ive	Construction works will involve travel and use of materials	Use sustainable procurement practices for materials needed for the project, also look at the possibility of using recycled materials or re-using materials. Where applicable use local suppliers/ contractors to reduce travel impacts.

Production, recycling or disposal of waste	Yes	-ive	Construction works will generate waste	Ensure that contractors comply with waste legislation and apply the waste hierarchy to waste generated. A waste management plan from the contractor will be needed.
The appearance of the city?	Yes	+ive	Repairs and re-opening of the path vrs taking no action and allowing the path/ road condition and structure to deteriorate	The re-opening of the path for use will have a positive effect for the public including tourists. Repairs will prevent further subsidence of the path which would be negative.
Pollution to land, water, or air?	Yes	-ive	Construction works could lead to risk of pollution to the water course.	Ensure the contractor has an emergency response plan (especially spill response) and that all chemicals and waste are stored securely and the risk of escape/ leakage is mitigated. The Environment Agency will be informed before the works take place and consents will be obtained, the Marine and Maritime will be consulted on the project.
		+ive	Taking no action may lead to the collapse of part of the wall, polluting the watercourse.	The proposed repair works will stop this risk.
Wildlife and habitats?	Yes	-ive/+ive	Construction works.	Before works commence consult with the BCC ecology officer to ensure no at risk species are located where works will take place.
		+ive	Taking no action and allowing the path/ road condition and	Subsidence could cause major issues with pollution into the

			structure to deteriorate.	watercourse the proposed repair works will stop this risk.
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Consulted with:

Summary of impacts and Mitigation - to go into the main Cabinet/ Council Report

The significant impacts of this proposal are... Construction works will use resources and generate waste and offer risk of pollution to the nearby watercourse. The reopening of the cycle path will have positive impacts, encouraging sustainable transport use. Integrated flood defence works will also have a positive impact providing resilience against flooding into the future.

The proposals include the following measures to mitigate the impacts... contractors will be managed and waste management plans and energy spill response plans will be in place. Correct consents will be obtained from the EA and the MMO will be informed of the works planned.

The net effects of the proposals are positive as the reopening of the chocolate path encourages the use of sustainable transport and this is an important part of the cities and national cycle network. It also reduces risk of subsidence into the watercourse. Flood defence works will ensure flood resilience into the future.

Checklist completed by:

Name:	
Dept.:	
Extension:	
Date:	17/09/2019
Verified by Environmental Performance Team	Nicola Hares – Environmental Project Manager