

Eco Impact Checklist

Title of report:	Chocolate Path River Wall Refurbishment				
Report author:	Chris Dooley (Structures Manager)				
Anticipated date of key decision	21st June 2018				
Summary of proposals:					
<ol style="list-style-type: none"> 1. Undertake additional topographic, bathymetric, ground investigation, drainage and structural surveys, to inform failure mechanism and inform final design solutions 2. Stabilise retaining wall and path movement with either emergency short-term measures or long-term solution, depending on costs 3. Repair retaining walls and path 4. Remove current 860m Chocolate Path closure and re-open route to pedestrians and cyclists 5. Remove current temporary diversion route, which is also closed, on Cumberland Road heritage railway line, to allow railway line to commence operations 					
Background					
<p>The proposal will allow the existing Cumberland Road off-road pedestrian and cycle route (commonly known as The Chocolate Path) to re-open. An initial 70m local route diversion was provided in December 2016, following movement of the river retaining wall and path. The diversion was then closed in November 2017, due to further failure of the surrounding ground, required an 860m length of path to be closed. Reopening will let pedestrians and cyclists use the path again, thereby avoiding the need to use Cumberland Road. At the moment, pedestrians have to use the Cumberland Road north-side footway, whilst cyclists have to travel on the carriageway with general motorised vehicles. The Chocolate Path is a section of the National Cycle Network Route 33, commonly known as Festival Way. Undertaking the works and re-opening the path will also allow the heritage railway line to re-open, which has been closed since December 2016.</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 impact</td> <td style="width: 50%;">Briefly describe Mitigation measures</td> </tr> </table>	Briefly describe impact	Briefly describe Mitigation measures
Briefly describe impact	Briefly describe Mitigation measures				
Emission of Climate Changing Gases?	Yes	-ive,	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Construction works will involve travel and use of materials.</td> <td style="width: 50%;">Look to appoint a local contractor if practical to reduce travel impacts.</td> </tr> </table>	Construction works will involve travel and use of materials.	Look to appoint a local contractor if practical to reduce travel impacts.
Construction works will involve travel and use of materials.	Look to appoint a local contractor if practical to reduce travel impacts.				

		+ive	The re-opening of the chocolate path will encourage sustainable transport such as walking and bicycle. This is a part of the national cycle network.	
Bristol's resilience to the effects of climate change?	Yes	+ive	There is opportunity that during panning phase consideration can be made to flood defence resilience measures. Risk of road closure of the works not taken place	Consider flood resilience in planning phase. 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	The re-opening of the path for use will have a positive effect for the public including tourists.

			path/ road condition and structure to deteriorate.	Repairs will prevent further subsidence of the path which would be negative.
Pollution to land, water, or air?		-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. Inform the Environment Agency well before the works take place of the planned construction and ask about licences, you may need a licence to complete the works as they are on a water course.
		+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?		-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 structure to deteriorate.	Subsidence could cause major issues with pollution into the watercourse the proposed repair works will stop this risk.
Consulted with:				
Summary of impacts and Mitigation - <u>to go into the main Cabinet/ Council Report</u>				
The significant impacts of this proposal are construction works which will use resources and generate waste and offer risk of pollution to the nearby watercourse, however the re-opening of the path will encourage sustainable transport and reduce risk of further				

subsidence of the wall and road.

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. Contact with the Environment Agency will be initiated well before the works take place and a licence will be obtained if needed.

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.

Checklist completed by: Nicola Hares

Name:	Chris Dooley
Dept.:	
Extension:	
Date:	21/06/2018
Verified by Environmental Performance Team	Nicola Hares with input from Steve Ransom – Environmental Performance Team.