

Eco Impact Checklist

Title of report: Structural Repairs to Avon Fixed Bridge and associated Cumberland Basin Complex Structures				
Report author: Chris Dooley - Bridges and Highways Structures Manager				
Anticipated date of key decision : 05/09/2023				
Summary of proposals:				
Closure of bridges and elements of the Cumberland basin Complex to undertake proposed Works, provide agreed various diversion routes.				
Will the proposal impact on...	Yes/No	+ive or -ive	If Yes...	
			Briefly describe impact	Briefly describe Mitigation measures
Emission of Climate Changing Gases?	Yes	-ive	Construction of new materials particularly any new steel required, Use of suitable portable electric tools Use efficient and appropriate plant	Extending the lifetime of the full complex of structures within the Cumberland Basin system which supports active travel for citizens.
Bristol's resilience to the effects of climate change?	Yes	+ive	Refurbishing these assets will make it more resilient to instances of extreme heat/cold.	
Consumption of non-renewable resources?	Yes	-ive / +ive	Suitable Specialist tools, plant, pads and appropriate materials will be required	Use sparingly, take away from site and recycle wherever possible.
Production, recycling or disposal of waste	Yes	-ive	Removed corroded steel, concrete and all other composites	All waste to be disposed of according to waste hierarchy
The appearance of the city?	Yes	-ive / +ive	Busy diversion routes and/or closures Once completed the refurbishment will improve the appearance and lifespan of the assets	Early notification and PR to be done.
Pollution to land, water, or air?	Yes	-ive	Possible Debris in river.	Enclosed scaffolding to catch all debris and taken away from site. Particular care to be given by contractors when dealing with elements that have flaking paint.

			Potential for spills of liquid fuels, oils or paints.	Particular care to be taken when using any equipment or materials that require liquids. Spill kits and procedures to be prepared and available on site.
Wildlife and habitats?	Yes	-ive	Noise of compressor	Use muffler on plant
Consulted with:				
Summary of impacts and Mitigation - <u>to go into the main Cabinet/ Council Report</u>				
<p>The significant impacts of this proposal are...</p> <p>Overbridges and Footbridge closures, production of new steel and other materials, busier footways on diversion, noise during works, possible debris or liquids falling into river</p> <p>The proposals include the following measures to mitigate the impacts...Enclosed scaffold, low emission Plant and mufflers, noise reduced plant, spill procedures and kits ready on site, site waste management plans for disposal of materials</p> <p>The net effects of the proposals are...Neutral to the Environment, extending the lifetime of the footbridge supports active travel options for Bristol residents.</p>				
Checklist completed by:				
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Date:			02/05/2023	
Verified by Environmental Performance Team			Daniel Shelton 07/08/2023	