

## Eco Impact Checklist

<b>Title of report: Kingsweston Lane Footbridge full Refurbishment in late 2023</b>				
<b>Report author: Chris Dooley - Bridges and Highways Structures Manager</b>				
<b>Anticipated date of key decision : 6 June 2023</b>				
<b>Summary of proposals:</b>				
Closure of bridge to undertake Works, provide agreed diversion route				
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 steel casting required,  Use of portable electric tools	Extending the lifetime of the footbridge supports active travel for citizens.  Use efficient plant where possible.
Bristol's resilience to the effects of climate change?	Yes	+ive	Refurbishing and raising the height the footbridge will make it more resilient to instances of extreme heat and reduce the risk of impact by HGV's	Increasing height of footbridge by 1.10m thereby reducing risk of impact by HGV,s
Consumption of non-renewable resources?	Yes	-ive / +ive	Specialist tools, pads and 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, wood and other composites	All waste to be disposed of according to waste hierarchy
The appearance of the city?	Yes	-ive / +ive	Existing and already in place on the existing diversion route  Once completed the refurbishment will improve the appearance of the bridge and reinstate.	Early notification and PR has already been done.
Pollution to land, water, or air?	Yes	-ive	Possible Debris on falling on the Highway .  Potential for spills of liquid fuels, oils or	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.  Particular care to be taken when using any equipment

			paints.	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
<b>Consulted with:</b>				
<b>Summary of impacts and Mitigation - <u>to go into the main Cabinet/ Council Report</u></b>				
<p>The significant impacts of this proposal are...</p> <p>Footbridge closure already in place, production of new steel and other materials, busier footways on the existing diversion route, noise during works, possible debris or liquids falling onto highway.</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>				
<b>Checklist completed by:</b>				
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Date:			02/05/2023	
Verified by Environmental Performance Team			Daniel Shelton	