

Eco Impact Checklist

| Title of report: Gaol Ferry Footbridge Closure for full Refurbishment in June 2022 | | | | |
|---|--------|--------------|--|--|
| Report author: Chris Dooley - Bridges and Highways Structures Manager | | | | |
| Anticipated date of key decision : 10/05/2022 | | | | |
| Summary of proposals: | | | | |
| 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 required, Use of portable electric tools | Extending the lifetime of the footbridge supports active travel for citizens. Use efficient plant |
| Bristol's resilience to the effects of climate change? | Yes | +ive | Refurbishing the bridge will make it more resilient to instances of extreme heat. | |
| 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 composites | All waste to be disposed of according to waste hierarchy |
| The appearance of the city? | Yes | -ive / +ive | Busy diversion route Once completed the refurbishment will improve the appearance of the bridge | Early notification and PR to be done. |
| Pollution to land, water, or air? | Yes | -ive | Possible Debris in river. Potential for spills of liquid fuels, oils or paints. | 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 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 - to go into the main Cabinet/ Council Report**

The significant impacts of this proposal are...

Footbridge closure, production of new steel and other materials, busier footways on diversion, noise during works, possible debris or liquids falling into river

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

The net effects of the proposals are...Neutral to the Environment, extending the lifetime of the footbridge supports active travel options for Bristol residents.

Checklist completed by:

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| Date: | 04/04/2022 |
| Verified by Environmental Performance Team | Daniel Shelton 06/04/2022 |