

Eco Impact Checklist

Title of report: Filwood Broadway Framework – Utilisation of funding				
Report author: Tim Midwood				
Anticipated date of key decision: 7 February 2023				
Summary of proposals: To seek approval to utilise funding from the Filwood Broadway Framework (Major Projects) towards public realm infrastructure in Filwood.				
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	Use of construction materials within public realm improvements	Consider the embodied energy in the selection of construction materials Ensure that waste is minimised, and sent for recycling rather than landfill
Bristol's resilience to the effects of climate change?	Yes	+ive	Proposals look to reduce water run-off by creating more permeable surfaces. The scheme includes the introduction of more trees and a greater tree canopy which will provide shade. Changes to road layout still include car access throughout the main high street and disabled parking, therefore this should not reduce community resilience.	Ensure that the public realm designs incorporate sustainable drainage, permeable paving and more green infrastructure.
Consumption of non-renewable resources?	Yes	-ive	The public realm improvements use building materials such as metals, stone, concrete and cement	Reduce quantities of non-renewable materials through design and avoiding excess waste.
Production, recycling or disposal of waste	Yes	-ive	There will likely be construction waste resulting from public realm improvements	Design the proposal so that the creation of waste is minimised. Investigate options for re-using materials on-site

				Store materials effectively to avoid spoilage. Ensure the waste hierarchy is followed and the contractor has a waste management plan set in place.
The appearance of the city?	Yes	+ive	A revitalised high quality public realm with additional trees and planting will improve the appearance of the city. Key street furniture such as bins will decrease the likelihood of littering.	
Pollution to land, water, or air?	Yes	-ve +ve	<p>Pollution of water environments: The public realm improvements involve processes which could contaminate surface water drains such as dust from the construction site.</p> <p>Pollution of air: The proposal will remove a carriageway within Filwood Broadway, create a pedestrianised street and introduce traffic calming measures therefore reducing traffic and speed within the Broadway (reduction in pollution). This project will create dust from construction</p> <p>Noise Pollution: Whilst public realm improvements are being implemented, construction noise will be created. Due</p>	<p>Pollution of water environments: ensure that pollutants are kept away from surface water drains. Have access to a spill kit in the event of a spillage.</p> <p>Pollution of air: the construction team will damp down dust to reduce the impact of dust created from construction.</p> <p>Noise Pollution: the construction team will operate during core hours of Monday to Friday 8am-6pm, excluding Sundays or Bank Holidays to mitigate the impact of construction noise on residents.</p>

			to traffic calming measures the proposal is likely to decrease long term transport noise levels.	
Wildlife and habitats?	Yes	+ive	Enhanced green space, with additional planting and trees will improve biodiversity and habitats (proposals include the removal of trees with Ash Dieback)	Potential ecological assessment to be carried out

Consulted with:

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

The significant impacts of this proposal are:

- Construction materials utilised within public realm improvements

The proposals include the following measures to mitigate the impacts:

- Consider embodied energy in the selection of construction materials
- Incorporate greater biodiversity within Filwood Broadway by introducing more trees and planting
- Encourage sustainable travel by reducing the dominance of cars within Filwood Broadway and prioritising pedestrian space.

The net effects of the proposals are:

Checklist completed by:

Name:	Tim Midwood
Dept.:	Housing Delivery Team, Housing and Landlord Services
Extension:	
Date:	20/10/2022
Verified by Environmental Performance Team	Nicola Hares – 31/10/2022