APPENDIX F

Eco Impact Checklist

Title of report: Additional Government funding for highway maintenance				
Report author: Shaun Taylor				
Anticipated date of key decision: 22nd January				
Summary of proposals: To seek approval to spend the Bristol allocation of £1,725m additional funding from government for local highway maintenance by March 2019.				
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	There will be emissions of climate changing gases during construction works through works themselves and associated traffic congestion from the works	Aim to use local suppliers and contractors where possible to reduce travel distance. Traffic management can reduce congestion issues during works.
Bristol's resilience to the effects of climate change?	Yes	+ive	Flood prevention measures on Portway. Utilise technology to monitor gully thus developing the Smart Water initiative	
Consumption of non-renewable resources?	yes	-ive	Road construction requires the use of newly quarried stone and associated tarmacadam products	Utilise the industries advancements in technology to minimise the volume of non-renewable resources, Currently some recycled materials are used for road surfacing, research is being undertaken to use innovative technologies such as plastic roads for future works but this will not be available for this project. Use sustainable procurement to procure materials.
Production, recycling or	Yes	-ive	Road planning will	Recycle as much of the

disposal of waste			require that some material is taken to landfill	material as possible and follow national legislation for any contaminated material, contractors may need to provide a waste management plan. Ensure waste hierarchy (Reduce, reuse, recycle etc) is followed and all waste is disposed of in a legal manner.
The appearance of the city?	Yes	+ive	Improve the condition of the highway asset	
Pollution to land, water, or air?	Yes	-ive +ive	Congestion during works could negatively impact air quality in the City. Risk of pollution from spills of oils/chemicals/building materials, especially if working near waterways Repairs on the roads reduce the likelihood of vehicle incidents reducing the likelihood of fuel spillage as a result of this	Traffic management can reduce congestion issues during works. Ensure contactors have a spill procedure in place and are able to adequately deal with any spills and store chemicals and waste securely to avoid pollution incidents.
Wildlife and habitats?	Yes	-ive	Clearance of land adjacent to the Portway to undertake investigations for the flood prevention scheme	Clear ground outside of bird nesting and growing season where possible. Minimise area of clearance. Check if the land is protected in any way (For example an SSSI). Speak with BCC ecology officer for further advice.
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, the use of materials and disposal of waste will have an environmental impact. Flood defence works will improve climate resilience.				

The proposals include the following measures to mitigate the impacts…Impacts can be reduced by effective traffic management, using local suppliers/ contractors, sustainably procuring materials and waste management. The net effects of the proposals are negative, however good management of contractors and efficient procurement of materials can reduce the overall impact of the works. Planned flood defence works on the Portway will have a positive impact to climate resilience.	
Checklist completed by:	
Name:	Nick Pates
Dept.:	Highway Maintenance
Extension:	
Date:	03/01/2019
Verified by Environmental Performance Team	Nicola Hares – Environmental Project Manager