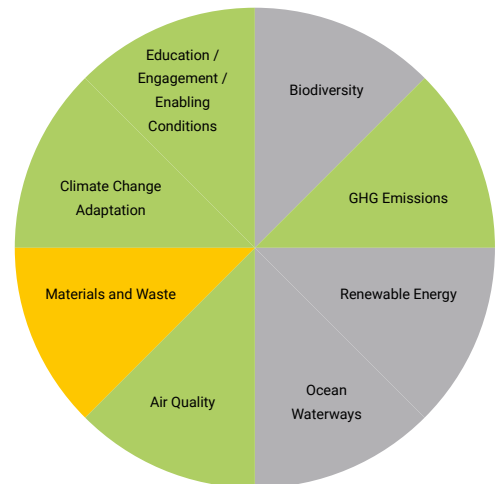


Mill Bridge Safety Scheme FINAL



Assessment ID: MIL828

Assessment Author: Amy Neale

Project Summary:

The scheme consists of the installation of a new zebra and parallel cycle crossing on Mill Bridge, parking restrictions around the junction for visibility & a new 20mph Speed Limit Zone, enforced by average speed cameras within the Stoke & St Peter & The Waterfront wards.

The proposed scheme is designed to benefit both pedestrians and cyclists, including people with disabilities. The scheme aims to deliver major health benefits providing opportunity for the residents of Plymouth to walk and cycle more safely. The proposal aims to encourage modal shift, reducing congestion on our roads and lowering the amount of carbon emissions from traffic. There are 5 Primary Schools situated within the area of the proposals only one of which is currently situated within a 20mph speed limit.

Summary of Assessment:

The decision to develop walking and cycling schemes will lead to the delivery of route improvements and encourage more residents to adopt active travel over car usage. Although there is inevitably embodied carbon from the materials and construction process, this is minor and short term. Long term the benefits and likely carbon emissions reduction will outweigh any short term impacts.

Biodiversity Score: 3

Biodiversity Score Justification: The area in which the changes are proposed is already designated as HMPE and consists mostly of hard surfaces. The impact on the grass areas will be kept to a minimum. Overgrown vegetation in the scheme area will be cut back as to not obstruct the scheme or the safety of the highway.

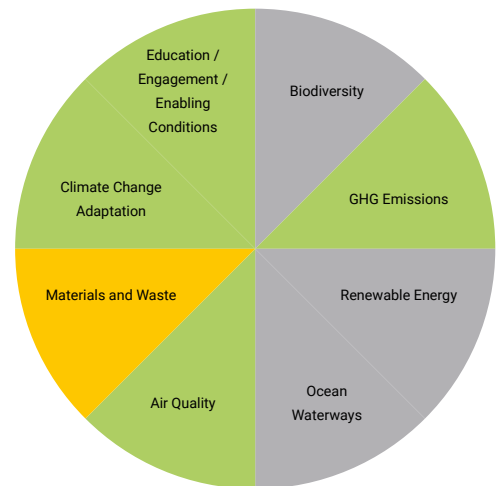
Biodiversity Score Mitigate: No

GHG Emissions Score: 4

GHG Emissions Score Justification: The construction of the scheme will lead to short term and minor negative impacts in terms of emissions from the materials used and the construction process, including traffic patterns, however, when upgraded, the route will encourage more people to walk and cycle. Providing viable alternatives and thus reducing the number of vehicles

on the network. As transport is the most significant source of carbon emissions in the City, on

Mill Bridge Crossing DRAFT



balance this will help reduce the GHG emissions of the City of Plymouth

GHG Emissions Score Mitigate: No

Renewable Energy Score: 3

Renewable Energy Score Justification: The walking and cycling scheme will neither increase nor decrease the provision of renewable energy

Renewable Energy Score Mitigate: No

Ocean and Waterways Score: 3

Ocean and Waterways Score Justification: The walking and cycling scheme will lead to the delivery of route improvements. As these routes are not connected to the Ocean or waterways there will be no positive/negative impact. We are, however, planning on improving the drainage in the scheme area.

Ocean and Waterways Score Mitigate: No

Air Quality Score: 4

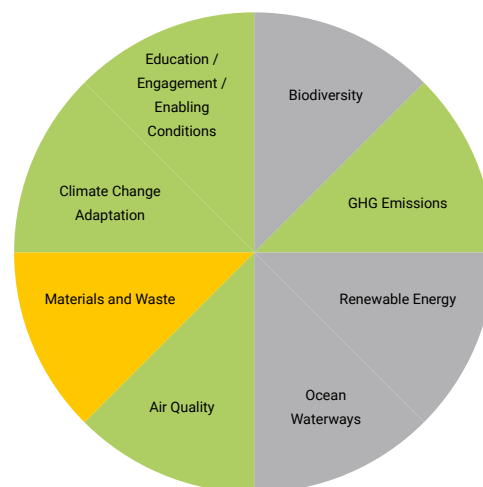
Air Quality Score Justification: Although there will be short term negative impact when carrying out the construction works of the scheme, once complete, the scheme will encourage more people to walk and cycle, reducing vehicle traffic, which will improve the air quality of the city.

Air Quality Score Mitigate: No

Materials and Waste Score: 2

Materials and Waste Score Justification: This is an upgrade to an existing cycle path and

Mill Bridge Crossing DRAFT will be required to deliver the upgrades. The construction process will follow appropriate waste



management processes and residual waste is expected to be minimal.

Materials and Waste Score Mitigate: No

Climate Change Adaptation Score: 4

Climate Change Adaptation Score Justification: The scheme includes improvement works to the drainage and therefore there will be a small improvement overall.

Climate Change Adaptation Score Mitigate: No

Education / Engagement / Enabling Conditions Score: 4

Education / Engagement / Enabling Conditions Score Justification: The decision to develop walking and cycling schemes will lead to the delivery of route improvements. Delivering route improvements empowers more residents to walk and cycle, providing the conditions to enable change.

Education / Engagement / Enabling Conditions Score Mitigate: No



Wheel Key

Long lasting or severe negative impact

Short term or limited negative impact

No impact or neutral impact

Short term or limited positive impact

Long lasting or extensive positive impact