

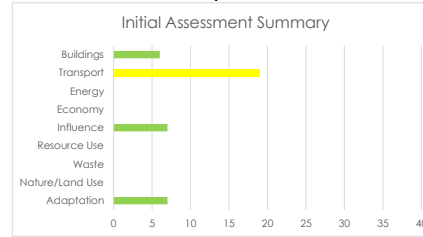
Climate Change Impact Assessment Summary

Project/Proposal Name	Bridge Hill, Oughtibridge Road Safety Scheme	Portfolio	City Futures
Committee	Transport, Regeneration and Climate	Lead Member	
Strategic Priority	Climate Change, Economy and Development	Lead Officer	Susie Pryor
Date CIA Completed	25/11/22	CIA Author	Susie Pryor / Jessica Rick
		Sign Off/Date	

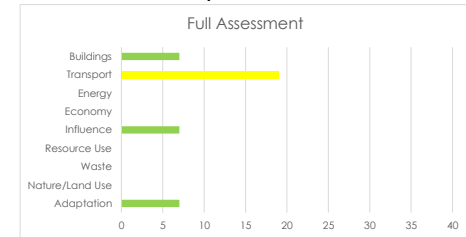
Project Description and CIA Assessment Summary	<p>This scheme is the introduction of a parking scheme at Rother Valley Country Park (Rother Valley Way, Meadow Gate Avenue and Owlthorpe Greenway). The scheme will formalise on-street parking with the introduction of parking bays and parking restrictions. The scheme will also provide some improvements for pedestrian and cyclists.</p> <p>The parking scheme is aimed at improving access in the area and will look to address the types of parking that occurs near junctions and on footways predominantly because of visitors to Rother Valley Country Park. This will prevent parking in unsuitable places, such as pavements and provide a pedestrian refuge. This will result in a safer more pleasant environment for residents, pedestrians, and cyclists.</p> <p>It will also provide formalised on-street parking spaces and improve access to Rother Valley Park for visitors. This will encourage use of the country park for outdoor activities such as walking and cycling which will improve health and wellbeing. The overall impact of these projects on carbon emissions is considered broadly neutral, with the possibility of a small positive impact in terms of reducing carbon emissions with limited available parking and encouraging other modes of active travel such as</p>
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Rapid Assessment	Does the project or proposal have an impact in the following areas? Select all those that apply. Only complete the sections you have selected here in the assessment		
Buildings and Infrastructure	Yes	Influence	Yes
Transport	Yes	Resource Use	No
Energy	No	Waste	No
Economy	No	Nature/Land Use	No
		Adaptation	Yes

Initial Assessment Summary



Full Assessment Summary



>=27	The project will increase the amount of CO2e released compared to before.
21-26	The project will maintain similar levels of CO2e emissions compared to before.
12-20	The project will achieve a moderate decrease in CO2e emissions compared to before.
3-11	The project will achieve a significant decrease in CO2e emissions compared to before.
0-2	The project can be considered to achieve net zero CO2e emissions.

[Chesterfield Borough Council Climate Impact Assessment Tool](#) provided inspiration for this tool.

Initial Assessment

Category	Impact	Description of Project Impact	Score
Buildings and Infrastructure	Construction	Limited impacts in terms of installation of a pedestrian refuge, signage and road markings. The raised plateau will be constructed from concrete.	6
	Use		NA
	Land use in development		NA
Transport	Demand Reduction	The proposed scheme will affect Rother Valley Way, Meadow Gate Avenue and Owlthorpe Greenway and is therefore unlikely to create a significant reduction in the number of vehicles travelling in the wider area.	7
	Decarbonisation of Transport	Reducing the speed of vehicles on Bridge Hill may have a small positive impact on carbon emissions.	6
	Public Transport		NA
	Increasing Active Travel	The introduction of a this scheme may have a positive impact on the way people choose to travel. It will introduce a shared use footway on Owlthorpe Greenway linking to Rother Valley Way. This may encourage people to walk or use	6
Energy	Decarbonisation of Fuel		NA
	Demand Reduction/Efficiency Improvements		NA
	Increasing infrastructure for renewables generation		NA
Economy	Development of low carbon businesses		NA
	Increase in low carbon skills/training		NA
	Improved business sustainability		NA
Influence	Awareness Raising		NA
	Climate Leadership		NA
	Working with Stakeholders	Consultation has been carried out on the scheme with all stakeholders. The intention of the scheme has discussed with local councillors and ward members and. The project will be advertised in the local press, street notices will be put up throughout each affected area and letters will be delivered to all affected properties inviting residents to comment on the proposals over a 3 week period.	7
Resource Use	Water Use		NA
	Food and Drink		NA
	Products		NA
	Services		NA
Waste	Waste Reduction		NA
	Waste Hierarchy		NA
	Circular Economy		NA
Nature/Land Use	Biodiversity		NA
	Carbon Storage		NA
	Flood Management		NA
Adaptation	Exposure to climate change impacts		NA
	Vulnerable Groups	The scheme will improve pedestrian accessibility and road safety for all, but in particular the users of the Rother Valley Country Park. The parking restrictions will prevent obstructive parking and will improve safety for other vulnerable groups such as older people and those with small children and pushchairs, although this is not directly related to climate impacts.	7
	Just Transition		NA

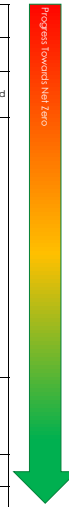
10	The project will significantly increase the amount of CO2e released compared to before.
9	The project will increase the amount of CO2e released compared to before.
8	The project will maintain similar levels of CO2e emissions compared to before.
7	
6	
5	The project will achieve a moderate decrease in CO2e emissions compared to before.
4	
3	The project will achieve a significant decrease in CO2e emissions compared to before.
2	
1	
0	The project can be considered to achieve net zero CO2e emissions.
Carbon Negative	The project is actively removing CO2e from the atmosphere.



Full Assessment

Category	Impact	Description of Project Impact	Mitigation Measures	Mitigated Score	Procurement Action Required?	Proposed KPI/Measure
Buildings and Infrastructure	Construction	Limited impacts in terms of installation of signage and road markings. The raised plateau is constructed from concrete.	No measures proposed.	7	No	
	Use			NA		
	Land use in development			NA		
Transport	Demand Reduction	The proposed road safety scheme will affect Bridge Hill only and are therefore unlikely to create a significant reduction in the number of vehicles travelling in the wider area.	No further measures proposed.	7	No	
	Decarbonisation of Transport	Reducing the speed of vehicles on Bridge Hill may have a small positive impact on carbon emissions as people may choose to walk or cycle instead of using cars.	No further measures proposed.	6	No	
	Public Transport			NA		
	Increasing Active Travel	The introduction of a road safety scheme may have a positive impact on the way people choose to travel. It may encourage people to walk or use bikes and / or public transport, in preference to cars to visit the shops on Bridge Hill. This, in turn, supports the	No further measures proposed.	6	No	
Energy	Decarbonisation of Fuel			NA		
	Demand Reduction/Efficiency Improvements			NA		
	Increasing Infrastructure for renewables generation			NA		
Economy	Development of low carbon businesses			NA		
	Increase in low carbon skills/training			NA		
	Improved business sustainability			NA		
Influence	Awareness Raising			NA		
	Climate Leadership			NA		
	Working with Stakeholders	Consultation has been carried out on the scheme with all stakeholders. The intention of the scheme has discussed with local councillors and ward members and the Local Area Committee. The project was advertised in the local press, street notices were put up throughout each affected area and letters delivered to all affected properties inviting residents to comment on the proposals over a 3 week period.	No further measures specified.	7	No	
Resource Use	Water Use			NA		
	Food and Drink			NA		
	Products			NA		
	Services			NA		
Waste	Waste Reduction			NA		
	Waste Hierarchy			NA		
	Circular Economy			NA		
Nature/Land Use	Biodiversity			NA		
	Carbon Storage			NA		
	Flood Management			NA		
Adaptation	Exposure to climate change impacts			NA		
	Vulnerable Groups	The scheme will improve pedestrian accessibility and road safety for all particularly cyclists and motorcyclists. The raised raised plateau and will improve safety for other vulnerable groups such as older people and those with small children and pushchairs, although this is not directly related to climate impacts.	No further measures specified.	7		
	Just Transition			NA		

10	The project will significantly increase the amount of CO2e released compared to before.
9	The project will increase the amount of CO2e released compared to before.
8	The project will maintain similar levels of CO2e emissions compared to before.
7	
6	
5	The project will achieve a moderate decrease in CO2e emissions compared to before.
4	
3	
2	The project will achieve a significant decrease in CO2e emissions compared to before.
1	
0	The project can be considered to achieve net zero CO2e emissions.
Carbon Negative	The project is actively removing CO2e from the atmosphere.



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