

Climate change impact assessment

The purpose of this assessment is to help us understand the likely impacts of our decisions on the environment of North Yorkshire and on our aspiration to achieve net carbon neutrality by 2030, or as close to that date as possible. The intention is to mitigate negative effects and identify projects which will have positive effects.

This document should be completed in consultation with the supporting guidance. The final document will be published as part of the decision making process and should be written in Plain English.

If you have any additional queries which are not covered by the guidance please email climatechange@northyorks.gov.uk

Please note: You may not need to undertake this assessment if your proposal will be subject to any of the following:
 Planning Permission
 Environmental Impact Assessment
 Strategic Environmental Assessment

However, you will still need to summarise your findings in in the summary section of the form below.

Please contact climatechange@northyorks.gov.uk for advice.

Title of proposal	Addition of schemes to the Highways Capital Forward Programme
Brief description of proposal	Authorises the additions to the Highways Capital Forward Programme for Structural Highway Maintenance contained in Appendix A identified since the last Highways Capital Programme report dated 26 September 2025
Directorate	Environment
Service area	Highways and Transportation
Lead officer	James Gilroy
Names and roles of other people involved in carrying out the impact assessment	
Date impact assessment started	15.10.2025

Options appraisal
 Were any other options considered in trying to achieve the aim of this project? If so, please give brief details and explain why alternative options were not progressed.

The other option that was considered was to plan based on a lower value of DfT funding at £40M

What impact will this proposal have on council budgets? Will it be cost neutral, have increased cost or reduce costs?

Please explain briefly why this will be the result, detailing estimated savings or costs where this is possible.

The points raised in respect of profiling the capital programme enable scheme delivery to match available DfT funding. The proposal is cost neutral

<p>How will this proposal impact on the environment?</p> <p>N.B. There may be short term negative impact and longer term positive impact. Please include all potential impacts over the lifetime of a project and provide an explanation.</p>	<p>Positive impact (Place a X in the box below where</p>	<p>No impact (Place a X in the box below where</p>	<p>Negative impact (Place a X in the box below where</p>	<p>Explain why will it have this effect and over what timescale?</p> <p>Where possible/relevant please include:</p> <ul style="list-style-type: none"> • Changes over and above business as usual • Evidence or measurement of effect • Figures for CO₂e • Links to relevant documents 	<p>Explain how you plan to mitigate any negative impacts.</p>	<p>Explain how you plan to improve any positive outcomes as far as possible.</p>
<p>Minimise greenhouse gas emissions e.g. reducing emissions from travel, increasing energy efficiencies etc.</p>	<p>Emissions from travel</p>	<p>x</p>		<p>Repairs to existing infrastructure</p>		
	<p>Emissions from construction</p>		<p>x</p>	<p>Some emissions from construction vehicles</p> <p>Emissions associated with construction materials etc</p>	<p>Where possible – ensure that vehicle mileage is reduced by planning vehicle movements / diversion routes etc</p> <p>Look to use more recycled material in</p>	

<p>How will this proposal impact on the environment?</p> <p>N.B. There may be short term negative impact and longer term positive impact. Please include all potential impacts over the lifetime of a project and provide an explanation.</p>	<p>Positive impact (Place a X in the box below where</p>	<p>No impact (Place a X in the box below where</p>	<p>Negative impact (Place a X in the box below where</p>	<p>Explain why will it have this effect and over what timescale?</p> <p>Where possible/relevant please include:</p> <ul style="list-style-type: none"> • Changes over and above business as usual • Evidence or measurement of effect • Figures for CO₂e • Links to relevant documents 	<p>Explain how you plan to mitigate any negative impacts.</p>	<p>Explain how you plan to improve any positive outcomes as far as possible.</p>
					<p>construction and through the selection of lower carbon techniques</p>	
	<p>Emissions from running of buildings</p>	<p>x</p>				
	<p>Other</p>	<p>x</p>				
<p>Minimise waste: Reduce, reuse, recycle and compost e.g. reducing use of single use plastic</p>	<p>x</p>			<p>Establish the use of more sustainable construction techniques</p>		<p>Look to use more recycled material in construction and through the selection of lower carbon techniques</p>
<p>Reduce water consumption</p>		<p>x</p>				
<p>Minimise pollution (including air, land, water, light and noise)</p>		<p>x</p>				

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<p>Ensure resilience to the effects of climate change e.g. reducing flood risk, mitigating effects of drier, hotter summers</p>				<p>Delivery of landslip remedial based schemes to help reduce severance issues</p>		
<p>Enhance conservation and wildlife</p>		x				
<p>Safeguard the distinctive characteristics, features and special qualities of North Yorkshire's landscape</p>		x				
<p>Other (please state below)</p>		x				

Are there any recognised good practice environmental standards in relation to this proposal? If so, please detail how this proposal meets those standards.

N/A

Summary Summarise the findings of your impact assessment, including impacts, the recommendation in relation to addressing impacts, including any legal advice, and next steps. This summary should be used as part of the report to the decision maker.

Steps will be taken to ensure that construction emissions are reduced as far as possible.

Sign off section

This climate change impact assessment was completed by:

Name	James Gilroy
Job title	Team Leader Highway Asset Management
Service area	Highways and Transport
Directorate	Environment
Signature	J Gilroy
Completion date	15.10.2025

Authorised by relevant Assistant Director (signature): **Barrie Mason**

Date: 16/10/2025