

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 the summary section of the form below.

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

Title of proposal	Highways Capital Programme
Brief description of proposal	For the Corporate Director Environment, in consultation with the Executive Member Highways and Transportation to authorise officers. Procurement of a new contract for design, supply & installation of traffic signals equipment from 2026-2030
Directorate	Environment
Service area	Highways and Infrastructure
Lead officer	James Gilroy
Names and roles of other people involved in carrying out the impact assessment	
Date impact assessment started	02 January 2026

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.

Utilising an existing procurement framework was considered, however it was felt that an NYC specific procurement exercise would be more suitable as it allows the specifications and terms of the contracts to be more aligned to the requirements of North Yorkshire. It also ensures that we can achieve best value and the relevant price / quality split for assessment meets the requirements of North Yorkshire.

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.

We anticipate that the contacts will be in line with existing cost and as such will not involve a cost increase above inflation.

How will this proposal impact on the environment?		Positive impact (Place a X in the box below where relevant)	No impact (Place a X in the box below where relevant)	Negative impact (Place a X in the box below where relevant)	Explain why will it have this effect and over what timescale? Where possible/relevant please include: • Changes over and above business as usual • Evidence or measurement of effect • Figures for CO₂e • Links to relevant documents	Explain how you plan to mitigate any negative impacts.	Explain how you plan to improve any positive outcomes as far as possible.
Minimise greenhouse gas emissions e.g. reducing emissions from travel, increasing	Emissions from travel	x			More efficient operation of traffic signals sites to improve network efficiency.		
	Emissions from construction		x				

How will this proposal impact on the environment?		Positive impact (Place a X in the box below where)	No impact (Place a X in the box below where)	Negative impact (Place a X in the box below where)	Explain why will it have this effect and over what timescale? Where possible/relevant please include: • Changes over and above business as usual • Evidence or measurement of effect • Figures for CO₂e • Links to relevant documents	Explain how you plan to mitigate any negative impacts.	Explain how you plan to improve any positive outcomes as far as possible.
energy efficiencies etc.	Emissions from running of buildings		x				
	Other	x			Improved energy efficiency of traffic signals, helping to reduced energy consumption – consequently a reduction in emissions.		
Minimise waste : Reduce, reuse, recycle and compost e.g. reducing use of single use plastic			x				
Reduce water consumption			x				
Minimise pollution (including air, land, water, light and noise)		x			More efficient operation of traffic signals sites to improve network efficiency and support for non-motorised vehicle use.		
Ensure resilience to the effects of climate change e.g. reducing flood risk, mitigating effects of drier, hotter summers			x				
Enhance conservation and wildlife			x				

How will this proposal impact on the environment?	Positive impact (Place a X in the box below where relevant)	No impact (Place a X in the box below where relevant)	Negative impact (Place a X in the box below where relevant)	Explain why will it have this effect and over what timescale? Where possible/relevant please include: • Changes over and above business as usual • Evidence or measurement of effect • Figures for CO₂e • Links to relevant documents	Explain how you plan to mitigate any negative impacts.	Explain how you plan to improve any positive outcomes as far as possible.
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.						
Safeguard the distinctive characteristics, features and special qualities of North Yorkshire's landscape		X				
Other (please state below)		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. The procurement of these contracts will help maintain and improve the existing level of service. It will also support improved network efficiency planning, which can help reduce emissions and encourage the use of non-motorised modes of transport.

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	02 January 2026

Authorised by relevant Assistant Director (signature): Barrie Mason

Date: 07/01/2026