

A30

Chiverton to Carland Cross

Introduction

We made significant progress in 2020. In February, we received approval from the Secretary of State for the scheme to go ahead and in March, we awarded the construction contract to Costain. We began preliminary work on site in April, followed by the start of ground investigation works in May.

We've been busy working on the detailed design and carried out further environmental and ecological surveys, and our archaeological surveys are continuing in 2021. We started construction work in September, when we began work on the installation of the site compounds and offices. We also started site clearance and hedge removal at key locations on the project.

At this exhibition you will learn about:

- why it's happening and what we want to achieve
- some of the detail of the scheme and what we are building
- a presentation of drawings to show you what's going to happen and how it will look
- an update on how we listened to the community and what we changed as a result
- some of the work we've done and will do to protect the environment
- how we'll manage traffic ensuring we impact on your journey as little as possible
- a timeline of our work – what we're doing and when
- how we'll connect with our customers and how we can keep in touch



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Scheme objectives

Our scheme has six key objectives:

- designing the proposed scheme to modern, safe and efficient road standards, which are suitable for the new dual carriageway
- making the route between Chiverton and Carland Cross more reliable by reducing congestion, journey times and providing more space for the travelling public
- unlock growth, contributing to regeneration and sustainable economic growth by supporting employment and residential development opportunities
- connecting communities and making journeys easier by separating the strategic road from local traffic on the old A30. We will provide new bridges to cross the new A30 and maintain a route for local traffic and non-motorised users
- protect the environment, minimising impacts and where possible delivering enhancements to the environment
- minimise disruption during the construction of the new road



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The scheme in detail

Our scheme includes:

- an 8.7 mile high quality 70mph dual carriageway connecting to the existing A30 dual carriageway at either end
- replacement of Chiverton Cross roundabout with a new, split-level junction
- a new split-level partial junction at Chybucca, with west-facing slip roads connecting to the new dual carriageway
- replacement of the existing roundabout at Carland Cross with a new split-level junction, new bridges and accesses across the new and the existing road
- keeping the existing A30 for local traffic
- provision for pedestrians, cyclists and horse riders

Works will include the construction of:

- ten new underpasses/underbridges
- three new bridges over the new road
- refurbishment of an existing structure at Zelah
- over 2.6 million cubic metres of earthworks (enough to fill 1,000 Olympic sized swimming pools)
- provision of 33 new culverts and wildlife crossings
- nearly 29 miles of new highways drainage
- over 12 miles of wildlife proof fencing
- new badger setts and bat roosts
- eight miles of new Cornish hedge

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Environmental aspects

At Highways England, we're committed to making the environment a priority. Our design for the new road has lots of environmental and wider community benefits - some of these are;

- we're limiting the impact on wildlife and plants through the replacement of existing environments
- we have already completed surveys which include, water quality of rivers, heathland, grassland, hedgerows, fish, breeding birds, reptiles, barn owls, dormice, otters, badgers and nightjars
- the creation of, walking, cycling and horse-riding routes
- by using native species and the same types of trees and shrubs already growing, we will help blend the new with the old
- reducing noise by building earth barriers and banking to deflect it, building half a mile of sound absorbing fencing
- protecting the archaeological landscape
- the building of ponds to store and control the flow of water
- we're adding 33 new culverts and wildlife crossings
- building nearly 29 miles of new drainage
- we'll add over 12 miles of wildlife proof fencing
- construct a new bat roost to replace an existing stone barn. We have discovered up to 10 different types of bats
- we're building three new specially designed badger setts
- we'll build eight miles of Cornish hedges to replace 1.2 miles that are removed because of the scheme
- installing badger fencing designed to direct them to specially designed wildlife tunnels under the road to keep them away from the road
- build nine otter crossing tunnels and fencing at specific locations
- there will be no artificial lighting on the main route or at junctions, taking away any light pollution
- we'll plant species rich grassland at specific locations

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Environmental aspects

We awarded the contract to Costain in March 2020 and we've worked closely with them to identify opportunities to reduce the carbon footprint of the scheme. Carbon reduction associated with project activities is important to us, so that we meet the climate change challenge, protecting the environment for future generations. Where we can we'll identify potential further carbon savings throughout the scheme and we'll provide you with updates on progress. Some of the areas already identified are:

- Costain has implemented a company-wide strategy around climate change and carbon called the Climate Change Action Plan
- we'll identify efficiencies across a variety of areas, which includes, but is not limited to, accommodation, vehicles and fuel, transport and logistics, materials, waste and carbon
- we'll use low carbon technology on the project to reduce emissions
- we'll produce a Carbon Management Plan to meet global standard (PAS2080) which will provide detail on the approach and processes to be used
- we've established a carbon baseline using carbon experts which outlines the current levels
- we'll produce a best practice Carbon Opportunities Register giving details of initiatives we're using on the project
- we'll use mains electricity in our compounds from renewable and low carbon energy sources, such as hybrid generators or solar panels
- we'll award contracts which, wherever possible, will include carbon reduction requirements and incentives
- we'll monitor and identify the ongoing carbon performance of our supply chain, reviewing and identifying improvement opportunities
- we'll develop a plan to reduce engine idling of plant machinery by 20%, lowering fuel usage and emissions
- we're working with our supply chain, so that wherever possible, we'll use new and innovative low carbon materials
- we'll seek to employ local people and to use local suppliers
- whenever possible, we'll source local materials, such as stone from nearby quarries
- whenever possible, we'll use secondary and recycled products to further reduce carbon emissions

We're looking forward to celebrating our success stories as the project develops.

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Traffic management plan

Our aim during construction is to provide a safe environment for all those working on or travelling through our scheme, while providing a high level of customer service and keeping delays to a minimum.

Safety – we'll:

- provide safety zones and barriers for the workforce and between opposing traffic lanes
- provide safety boundaries for the travelling public as they approach and travel along the A30 and other routes affected by road works. This includes pedestrians and non-motorised users
- maintain the current road capacity on the A30 in both directions
- keep the overall length of the traffic management for the works to a minimum
- provide free recovery for stranded vehicles to a specified local safe area
- make sure appropriate speed limits are in place throughout road works

Customer service – we'll:

- listen to the needs of the local community and do our best to keep disruption to a minimum
- communicate with the community in person and by social media, letter drops, leaflets and emails with information on traffic management arrangements
- give advanced warning of road closures and incidents on the road network through permanent and portable message signs



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Traffic management plan

Road closures

- we'll need some road closures during construction to allow us to complete our work safely and efficiently. Daytime closures will be from around 09:30 to 15:30, with night-time work from 21:00 to 06:00. Where full road closures are needed, signed diversion routes will be in place.

Speed limits

- through certain parts of the work, 40mph speed limits will be needed. This is because there isn't enough space for safety zones at several locations throughout the scheme.

Operating lanes

- narrow lanes will be required to provide a suitable safety zone and working areas. During full closures, traffic will be diverted along suitable routes agreed with Cornwall Council. The operating lanes will be suitable for all traffic that typically use the affected carriageway.

Driver compliance

- when the reduced speed limit is in place, average speed cameras will be used for the enforcement of speed limits.

Vehicle recovery

- vehicle recovery will be available during the construction period from the start of narrow lane restrictions on the A30 and will be maintained until they are removed. Drivers will be taken to a suitable place of safety.



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Scheme programme

For the scheme, we will be working to the following projected programme:

Chiverton to Chybucca

Construction of animal crossing tunnels	April 2021 to October 2021
Building of earth banking to support the new road	June & July 2021
Construction of the new main A30 road	August 2021 to September 2023
Building of the new Chiverton underbridges	October 2021 to February 2023
Building of the new side roads at Chiverton junction	April 2021 to April 2023

Chybucca to Carland Cross

Construction of animal crossing tunnels	April 2021 to July 2021
Building of earth banking to support the new road	April 2021 to September 2021
Construction of the Chybucca overbridge	April 2021 to March 2022
Construction of the new main A30 road	April 2021 to September 2023
Building of the new side roads at Chybucca junction	April 2021 to September 2023

Carland Cross

Early earthworks construction	April 2021
Building of earth banking to support the new road	June 2022 to September 2023
Construction of the Carland Cross underbridge	April 2021 to June 2022
Building of the new side roads at Carland Cross	April 2021 to June 2022

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Connecting our customers

We care about our customers and are committed to improving our service to them. Highways England exists to connect the country and customer service is one of our key priorities and at the heart of everything we do.

Ensuring we are delivering an exemplar service; we will work closely with organisations such as:

- Transport Focus: www.transportfocus.org.uk
- Institute of Customer Service: www.instituteofcustomerservice.com
- Considerate Constructors Scheme: www.ccscheme.org.uk

We've introduced Transport Focus' Strategic Roads User Survey (SRUS) as our key measure of customer satisfaction. SRUS will provide us with a wealth of insight on how our customers feel about using our network and their overall satisfaction.

We will also focus on the following three areas:

- safety and roadworks management – incident clearance within 1 hour and achieving our zero-harm target by 2025
- journey time – network availability of at least 90%
- customer contact – responding to all contact within 10 working days



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Community activities

We want to be part of our local community and to play a full and active part. Our community relations team will be engaging with local schools, colleges and other educational establishments. We'll also be engaging with local community groups and anyone who has an interest in the project should get in touch with us.

We'll be:

- providing support to learners and offering opportunities for them to experience the world of construction
- employing local people, offering upskilling and apprenticeship opportunities
- seeking local businesses, materials and suppliers to support the project
- working with local charities and fundraising for them
- looking for volunteering opportunities for us to help with
- giving presentations to showcase our work. We hope to be able to receive visitors as soon as it's safe to do so

If you're a local business and would like to register an interest, you can contact our team by emailing a30supplierenq@costain.com

If you're looking for work opportunities, you can regularly check www.costain.com/careers/ for more information

You can also email the community relations team dave.james@costain.com or get a message to them by calling the project helpline on **0845 600 2664**

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How to keep in touch

 If you would like to receive project news, please sign up to our email mailing list here:
www.a30c2cc.info/emailsingup

 You can also contact the project community relations team by calling the helpline on **0845 600 2664**.
You can also contact the Highway England Customer Contact Centre on **0300 123 5000**

 We'll also post updates on our South West Twitter account **@HighwaysSWEST**

 We'll also post updates on our South West Facebook account **@HighwaysSWEST**

 If you have any questions about the scheme or require further information, please email us at
A30ChivertontoCarlandCross@highwaysengland.co.uk

 We have created a scheme page, which is regularly updated, and you can reach it at:
www.highwaysengland.co.uk/our-work/south-west/a30-chiverton-to-carland-cross