



Chelmsford North East Bypass – Advanced works

Project Newsletter 2
November 2022

Welcome to the second edition of the Chelmsford Northeast Bypass (CNEB) advanced works newsletter, produced by Octavius Infrastructure, working for Essex County Council.

We have successfully set up the site and are moving forward with the project as planned.

We are talking to local organisations, charities and education providers to help us identify opportunities to help them. Supporting the local community during our projects is important to us and part of our sustainable legacy commitment.

What has been happening so far?

The haul road, which enables us to move materials through the site, is now complete.

Works have commenced at the far end of the site, where the enabling works are taking place.

Our site cabins are also on site. The cabins are GreenSpace cabins, with reduced carbon emissions.

Important news

There is not expected to be any traffic disruption in the local area due to the advanced works because the majority of site works are taking place off the road network.

There will be **no** road or lane closures as part of the construction of the bridge. If there are any changes to this, we will provide plenty of notice.



Site news

- We are protecting the oak trees and other vegetation at the far end of the site during our operations.
- We are using two Hydrotreated Vegetable Oil (HVO) fuelled generators and Two Hussh Pod battery back-ups to considerably reduce our fuel consumption.
- A culvert crossing over Boreham Brook tributary has been built halfway along the access haul road which facilitates plant and material access for construction of the new conveyor bridge.
- We are building piling and crane mats out of recycled stone to enable deep concrete piles to be installed for the bridge.
- We have a wheel wash system in place for all site traffic re-entering the highway.



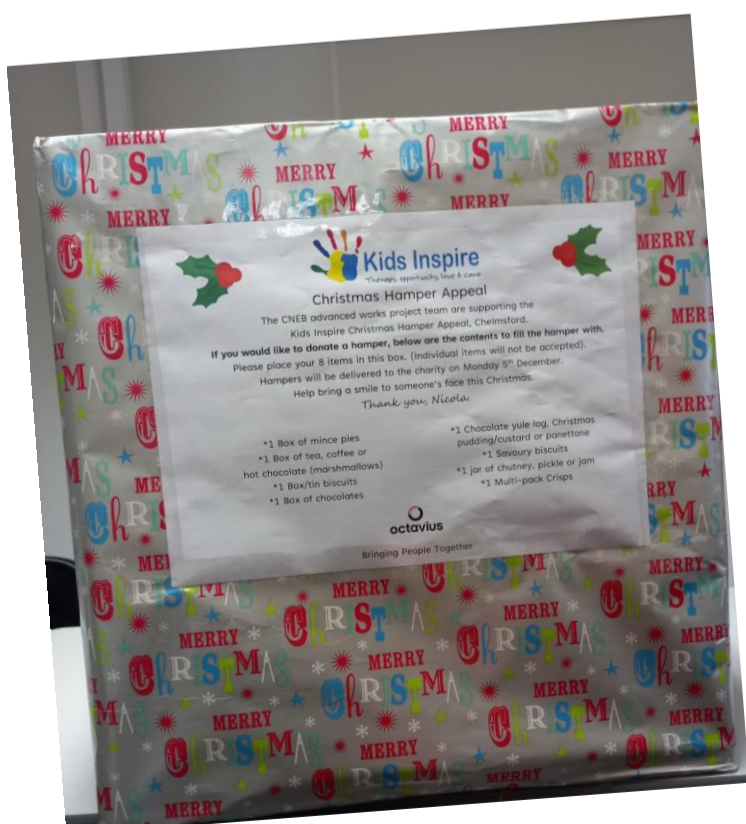
Sustainability and social value news

We measure our social value impact using a calculation software tool called Thrive.

The value is calculated using Essex County Council's Themes, Outcomes and Measures (TOMs) framework, which is aligned to the Government's Social Value Model. Our latest social value report is on the next page.



We are proudly supporting the Kids Inspire Christmas Appeal by donating £150 worth of gifts for children and young people. We have also set up collections in our site office and canteens to create Christmas food hampers, supporting local families in need this Christmas.



The Chelmsford North East Bypass – Advanced works

Thrive report To end October 2022



£219,193.61 total social value added*



Enable inclusive economic growth

£15,202.00 local spend

£199,220.00 value contributed to the local economy by hiring local people

8 local hires

35% local people employed



Help people get the best start and age well

10.5 people hours of learning interventions delivered

We are actively exploring opportunities to support local schools and college



Help create great places to live and work

HVO fuel used instead of diesel reducing carbon emissions

2.5 MTCDE reduction in emissions of greenhouse gases

6000 miles driven by low or no emission staff vehicles

2 mental health first aiders



Transform Essex County Council to achieve more for less

Creation of a regular project newsletter



Octavius Infrastructure Working in Partnership with Essex County Council

*including local economic value and measured using the Essex County Council TOMs Framework

What is happening on site in December and January?

- Piling works will be completed.
- Excavations will be carried out for new pile caps.
- Deep drainage will be installed to run beneath the embankments.

Inspiring young professionals

Dylan Budge, a graduate engineer from the University of Surrey, has been working with Octavius Infrastructure since the beginning of the project and is now supporting our site team.

Dylan said: “The reason I went into engineering at university is because of the exciting large-scale projects I can get involved in.

“It’s great to be part of a team where I can learn from experienced individuals and also pass on my own knowledge.”

Dylan is being mentored by site manager, Andy Hodgson.

Andy said: “It is very important to bring highly educated new talent into the industry and keep abreast of the new technologies.”



Want to know more?

To find out more about our advanced works and the Chelmsford North East Bypass, please visit: www.essexhighways.org/chelmsford-north-east-bypass.

Please email any enquiries about the advanced works or Chelmsford North East Bypass project to CNEB@essexhighways.org.

If you have a general highway enquiry, please contact the Essex County Council customer service team via the online form at: www.essex.gov.uk/enquiries, or call 0345 603 7631 if you have an urgent highway matter you wish to report.

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