

Highways

April 2023

Octavius
Bringing People Together



octavius

Welcome



Gavin Pritchard

Managing Director, Highways

I am delighted to welcome you to the Highways business unit's first quarterly newsletter which sets out to share key updates on what is going on in the business. Since taking the position of Managing Director I had a strong feeling that we don't always talk with enough pride about the great work we do as a business and so we take this opportunity to showcase some of our key collaborative successes and challenges from the last quarter.

I can't believe three months has passed since we announced the creation of the Managing Director roles for both Rail and Highways. Personally, it has been fascinating to visit our projects, meet our people and spend time with our customers in this period. Unsurprisingly to me, it is great to hear so much positive feedback about how we work, how our people really collaborate to make the progress needed. We might not always get it 100% right but we always give it 100%.

A highlight for me in the past quarter was the official opening of Binley. It was a wonderful experience to see our team given the credit and plaudits they deserve. This project has provided a great learning opportunity for the project team and the business and despite several unique challenges the end result is something that is truly making a difference and bringing people together. The team should be rightly proud of this achievement and now we must channel all this learning into the next project at Walsgrave, for which development work is now underway.

Looking forward, our pipeline continues to look extremely encouraging and we continue to work hard with the Pre-Delivery team to pursue those options which we think suit our skills and capabilities. Our continued success on the EHA Framework is a great example of how we can really benefit from being close to our customers. In this quarter we have secured two new contracts under this Framework, whilst continuing to work on another four, with one of those, Flitwick Interchange, recently completed. Absolute credit to Jon Millar and the team for the great work they are doing to generate and maintain a solid portfolio. Outside of this we have a number of bids under review including projects in Kent, Surrey and two frameworks in Yorkshire and Leeds.

I hope you find this newsletter interesting and informative. A big thank you to those who helped make this happen. Please feel free to feedback to me on your thoughts about the content both now and in the future. I extend my thanks for all your continued hard work and support. Stay safe and well.



What does the Highways team do?

The UK's Road network plays a pivotal role in bringing people together, connecting communities and building the UK economy.

We collaborate with partners on frameworks with National Highways, Connect Plus M25 and local authorities, delivering a wide range of enhancements to provide safer, cleaner and greener roads that meet demands for owners and provide efficiencies of public funds.



Bringing people together at A46 Binley

We celebrated the official opening of A46 Binley Junction, Coventry. During the event a series of classic Jaguar cars crossed the flyover to mark the occasion with guests including Transport Minister, Richard Holden, and Lord Mayor of Coventry, Kevin Maton alongside members of the local community.

The new flyover separates long distance local traffic allowing vehicles to continue their journey without slowing and stopping at the roundabout, saving them time whilst reducing congestion and pollution and making journeys safer.

Our project team began working on the £61m flyover, which is part of National Highways A46 Coventry Junctions upgrade, in 2020.



We've been awarded the contract to design and deliver the A46 Walsgrave junction and already started on design works.



Interchange opened three months early for the public

Our Flitwick Transport Interchange team have successfully completed the project and opened the interchange for passengers ahead of schedule.

The new £5.3m transport interchange hub will provide easier travel for passengers as it connects bus and rail services for the community. Some of the improvements include: a new station forecourt with pedestrian, cycle and vehicle access and a public transport interchange with three bus stops, passenger waiting areas, including real-time departure information.

Following the successful delivery of the scheme we're delighted to have been appointed as the main contractor to deliver a package of improvements works at Clophill roundabout on the nearby busy A6/A507 junction.

Special recognition award

We attended the National Highways South East Alliance award and delighted to have received the special recognition award for the outstanding social value delivered at Gade Valley Viaduct.

The award was received alongside our partners, Connect Plus, Connect Plus services and Steve Perkins.

During the project we delivered over £17,000,000 social value including providing 11 work placements for young people, spent over 200 hours on engagement and education activities, donated £82k worth of items to the community and saved over 600 tonnes of carbon emissions annually by using technologies including Solatainer hydrogen lighting and battery packs with low carbon generators.



Well done to everyone involved in the project!

National Highways Industry Awards

2022



National Highways Industry Awards shortlist

We're delighted that our A46 Binley Junction project had been shortlisted for Delivering Social Value in the National Highways Industry Awards. Some of the ways we've helped the local community include:

- Regular donations to Coventry Foodbank, part of the Trussell Trust Charity
- Helped to protect and improve access to Piles Coppice, an ancient woodland close to the project, by replacing damaged fencing and installing new bollards
- 491 people hours spent supporting the local community
- £1.2 million spend with SME's.

The winning trophy went to Nuneaton Signs, Social Value with every sign.

Congratulations to Nuneaton Signs!

Super success in the Scheme Delivery Framework

The team working on our new Scheme Delivery Framework (SDF) have already completed vital refurbishment works to provide better, more resistant and safer roads for passengers in the North West and North East,

In Knapton we completed drainage and resurfacing works on the A64 nine hours early for our customer. The scheme involved night-time traffic light controlled closures to re-sett 107 drainage frames and lids along a 2.4 Km stretch of road. The road was then resurfaced and relined. Additionally, studding and an anti-skid surface were added to a dangerous bend to make the road safer.

Also, we've successfully completed phase 1 of refurbishment works on a bridge along the M6, Brunthwaite, near Kendal. The works consisted of deck scraping, concrete repairs, new waterproofing, new footpaths, new surfacing and new EMR Joints. We're progressing well on the parapet replacement phase and on track to complete soon.



We'll be starting reactive repairs, structural inspection and renewal works to the waterproofing layer on the viaduct at Wentbridge after Easter.



Celebrating one year in the Hertfordshire Framework

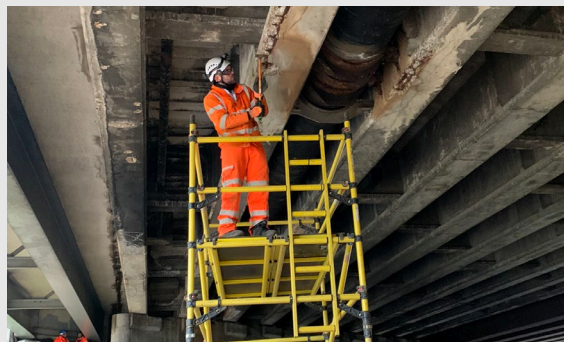
We recently celebrated one year working in the framework where we've been working on some exciting and vital enhancement projects across Hertfordshire. During this time, we're delighted to have delivered several social value activities that have benefited the local community and helped to provide opportunities to many people across the area.

Some of the highlights include:

- Supported The South Hill Centre's annual Community Christmas Carol Singing event
- We have partnered with Education, Learning, Skills and Achievement (ELSA) Next Generation charity to support schools with employability events
- Every Friday we support The Hemel Hempstead Employability & Wellbeing Hub, providing CV workshops, mentoring and mock interview support for local people.

Improving the M25

- M25 Potters Bar embankment slip remedial works are underway and to help remove more than 40 loads of failed material per night shift the team have been using a D5 bulldozer for the first time ever! Although it's a common civil engineering equipment, it's the first time our M25 team have used a bulldozer since starting on the scheme 12 years ago. An exciting time for the M25 team!
- Clockhouse Lane parapet replacement works are continuing, where we're replacing life expired handrailing with a new aluminium handrail. We're on track to complete soon!
- We've started concrete repairs at Chiswick and at Denham viaduct. At Denham viaduct we're using the latest quad track MEWP technology which is the perfect solution for traversing the soft ground conditions at this location. Both projects have been fast tracked by the Octavius team to delight our customer and will now continue until Summer 2023.
- We're making great progress to replace gantry mesh and continuing with bearing enhanced maintenance interventions, concrete condition investigations, earthing rod replacements and road over rail bearing investigations.



Completing one week early to delight our customers

Our team at Mildenhall Road, Littleport successfully reopened the carriageway for motorists one week ahead of programme, following reconstruction and resurfacing works along 7000m of the road.

Whilst we've been on site we've tried to help the community and our customer where we can. To make the most of the road closure our team voluntarily completed a litter collection for Cambridgeshire County Council. Also, to help a nearby property owner who historically suffered from flooding due to surface water from the carriageway, we added jetting and cleansing of the local drainage network to the main scheme of works.

This scheme is our second programme of works part of the Cambridge Fens scheme.

Collaborating with our customers, partners and communities



Learning to be Leaner

We hosted a Lean awareness workshop at our A46 Binley office with our partners BBI Services - Building Business Improvement, Galliford Try, National Highways and Supply Chain Sustainability School as part of the National Highways Regional Delivery Partnership (RDP) sustainability support programme.

Also, along with the other 12 Delivery Integration Partners that are part of the Regional Development Partnership for National Highways, we have created a learning programme for all Highways supply chain.

Check out the programme on the [Supply Chain Sustainability School website](#).

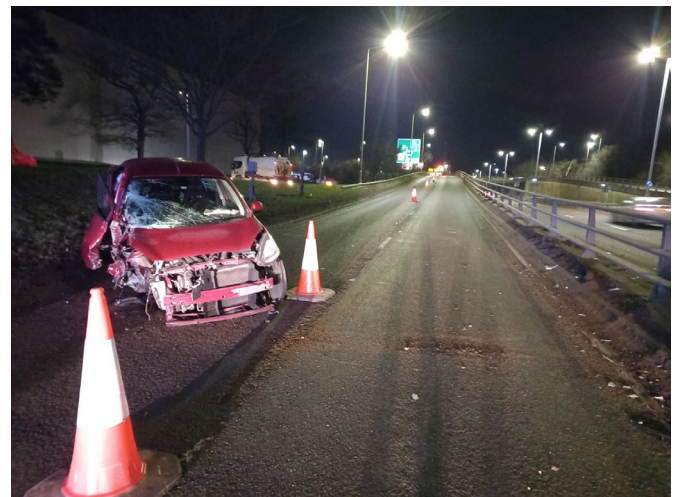


Reacting quickly to protect the travelling public

Whilst waiting to put in place traffic management at Berrygrove Interchange for a night road closure, our team reacted quickly and were on hand to help when a member of public suffered a severe road collision.

The team called the emergency services, helped the injured parties and set up a protective slip road closure to keep the crashed car safe whilst waiting for the emergency services to arrive.

Well done to everyone involved including our supplier RECOM and Beaumont Traffic Management. Your professionalism and quick thinking helped ensure everyone was safe and the vehicle could be recovered, without putting the travelling public at risk.



Social media spotlight



Coventry Live • 6 February • 01

Overview Comments

An armoured vehicle was part of a convoy of Coventry-built cars that travelled along the new Binley Flyover to mark its opening. Keep an eye out for the imitation firearm on the Daimler Fer... Can be seen in footage shot by our... See more

Author
Coventry Live
Read the full story here:
<https://www.coventrytelegraph.net/.../footage-classic...>

COVENTRYTELEGRAPH.NET
Footage as classic cars in convoy for Binley flyover...

Social Media Captions

01. A46 Binley opening ceremony - Coventry Live, Facebook.

02. Scheme Delivery Framework support Trussell Trust charity - LinkedIn.

03. Gade Valley team at National Highways Award - LinkedIn.

04. Celebrating A46 Binley - National Highways, Facebook.

05. Improvement Scheme works at Clophill - Central, Bedfordshire Council, LinkedIn.

Hazel Birdsall • 2nd
Regional Communications Manager at National Highways
3mo • Edited • 02

An amazing effort from Yorkshire and North East Highways Community!

Bravo to all those involved in organising and donating to **The Trussell Trust** and **The Salvation Army**.

Kier Group Winvic Construction Ltd Concrete Repairs Limited HW Martin (Traffic Management) Limited National Highways Amey CR Civil Engineering Ltd Ground Control gva Jacobs Mway Comms Mason Street Furniture (MSF) Octavius Infrastructure Limited Roocroft Tarmac Tilbury Douglas Carnell

Yorkshire and North-East Highways Community support families in need this Christmas

Steve Perkins MA CDir FloD FinstP AFOH • 2nd
Worker Health Protection Advocate | Managing Director of a S...
1mo • Edited • 03

Great day yesterday launching **#HealthierHighways** with **National Highways** SE Region and the SE Alliance. Originally developed with **Connect Plus** and **Elaine Gazzini** on the **#M25** we're now going regional.

And honoured to be awarded the Alliance Special Recognition Award for the **#M25** from **Christine Allen** alongside colleagues at **Connect Plus Connect Plus Services**, and **Octavius Infrastructure Limited** for their great work at Gade Valley. **Jamie Harrison Martin Parsons Steve Perkins Associates Limited Mel Clarke Sinéad Brown**

National Highways: West Midlands
3 February • 04

What a day it's been!

We were delighted to welcome all of our guests to our official opening ceremony at the new junction today. Visitors were able to learn how the flyover was built with presentations by staff from National Highways and our delivery integration partners at Octavius Infrastructure. Roads Minister **Richard Holden MP**, who attended the ceremony, said... See more

Central Bedfordshire Council
9,773 followers
1w • 05

New news on the Clophill Roundabout Improvement Scheme

We will soon complete the site preparations and the improvement wor...see more

Social media spotlight

Ian Holden Mar 7 Seen by 7 **06**

A focus on 'lean' today on the A46 Walsgrave project.

In the morning **Kim Coxon** facilitated a lean strategy planning session.

After lunch we focussed our attention to collaborative planning the next 3 months and what we need to have ready for the pre design fix 2 buildability session.



BBI Services - Building Business Improvement 1,756 followers + Follow **07**


Some great photos from The Introduction to Lean Construction Workshop at the Octavius A46 Binley Junction Compound.

Our Business Improvement Specialist **Lee Marlow** said: "Great participation and engagement with some good, challenging questions and interaction."

Thanks for the photos Lee!

[Supply Chain Sustainability School National Highways Octavius Infrastructure Limited Galliford Try](#)

[#leanconstruction](#) [#leanthinking](#) [#leantraining](#) [#leantransformation](#)



BBI Services **Building Business Improvement**

Social Media Captions

- 06.** Walsgrave team host Lean session – LinkedIn.
- 07.** Lean workshop and A46 Binley – BBI Services, Building Business Improvement – LinkedIn.
- 08.** Using Sensat to achieve better data drive decisions – LinkedIn.
- 09.** Celebrating A46 Binley – National Highways, Facebook.
- 10.** Crossover works to prepare for works at A1 Wentbridge Viaduct- Central, Bedfordshire Council, LinkedIn

Lydia Brand-Williamson • 3rd+ + Follow **08**

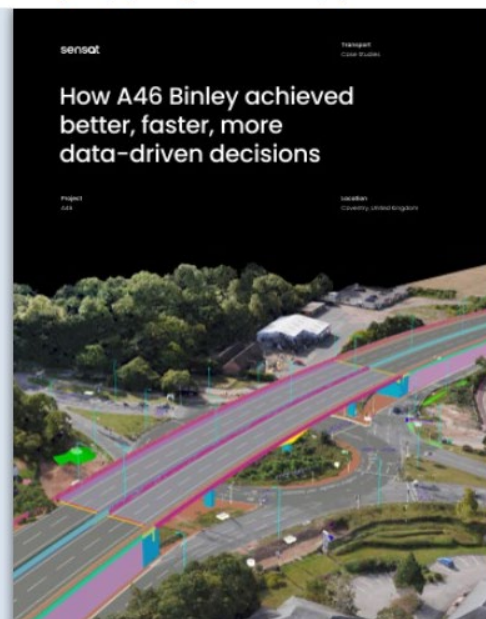
Capture, visualise and track your infrastructure programmes fr...
1w • Edited •

As we all know, highways projects come with many potential risks and obstacles, from inaccurate or incomplete data to accidents which could have been avoided had people not had to visit site. With Sensat's platform, you can address these challenges head-on.

Our technology provides a highly accurate and detailed representation of the physical environment, allowing you to plan and execute the project with greater precision and confidence. Progress monitoring allows you to quickly adjust your plans and designs where needed, minimising the impact on the project timeline and budget. And a transparent and collaborative environment helps to improve communication and reduce errors.

If you're a project/ programme manager in the highways sector, I'm keen to speak to you to show you how Sensat can support your programme of work.

Take a look at how we supported the recently completed A46 project for [Octavius Infrastructure Limited & National Highways](#) [#Sensat](#) [#HighwaysSector](#) [#riskmitigation](#) [#projectmanagement](#) [#infrastructureprojects](#)


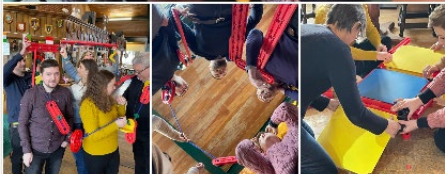


Ian Holden • 2nd + Follow **09**

RDP Framework - Delivery Lead
1w •

Yesterday a selection from each organisation involved in our A46 Coventry Walsgrave project came together for a day of problem solving and understanding how we work together.

[Octavius Infrastructure Limited National Highways COWI Sweco National Highways Arcadis](#)





Pro-Tar Surfacing Ltd 1,163 followers + Follow **10**

Dannys crew have been up on the A1 this week for Octavius Infrastructure, carrying out crossover works for the up and coming waterproofing scheme. Great Supplies from [Tarmac](#)

Thanks to [G&H Technical Services Ltd](#) for travelling up into Yorkshire for us. [POWER PLANE LIMITED](#) for the 1m and sweep and [BONDGRIP LIMITED](#) for the sprayer

[#asphalt](#) [#teamworkmakethedreamwork](#) [#rdguk](#)



What's next?



- Begin works on a major resurfacing and renewal programme on the A1 Wentbridge Viaduct, which is among the largest viaducts in Europe. Works will include waterproofing under the road surface layer, resurfacing, road marking and stud replacement.
- Complete the A66 Boundary fencing scheme to replace life expired post and rail fencing between the A1(M) Junction 57 and Blackwell Roundabout.
- Progress works to replace life expired clipex fencing along some very rough and difficult land between M62 Junctions 22-24 until May 2023.
- Handover and complete the enabling works for Main Lowther Bridge Scheme. Works include a new carriage way crossover and refurbishment works of an existing carriageway crossover.
- Chelmsford Bulls Lodge Bridge - Continue progressing on the fast paced new conveyor bridge scheme for Essex County Council which includes constructing two abutments. We'll deliver the new bridge beams in May and crane into position in June. This will be followed by constructing two mass earth approach embankments, by compacting 50,000 tonnes of imported general fill. Completion of the bridge is targeted to be early spring 2023.

- Complete the scheme to replace life expired Rectangular Hollow Section (RHS) Vehicle restraint System on the M6 Northbound and Southbound Central reservation between Junction 39 and 40, which will provide a safer and resilient carriageway for all users.
- Complete parapet replacement works on the M6 Brunthwaite.
- Clophill - Progress with drainage and utility works and widening sections of the A6 Bedford Road which approach the roundabout and begin constructing a new bus lay-by and pedestrian crossing.
- Progress with Walsgrave design stages.
- We've been awarded a £6m scheme to improve the public realm of a busy shopping area in March, Cambridgeshire. We will commence on site in May 2023 until mid 2024.
- Hertfordshire Framework – ongoing packages of bridge repairs and maintenance until mid 2026.
- Progress with the construction of roads, footways, associated surface and foul drainage for new Enterprise Zone development in Kings Lynn. Main works this year include remediation and ground stabilisation works, install 2000 cement piles and solidify layers of unstable ground. The scheme will continue until spring 2024.
- Works on the M25:
 - Continue with concrete repairs at Denham Viaduct and the M4 in Chiswick
 - Commence replacing the parapet at Painshill, concrete repairs to Endsleigh Gardens and bridge strengthening works to Swanley junction
 - Continue with Bearing EMI works
 - Continue with Potters bar geotechnical works and progress into the piling phase
 - Begin joints replacement early contractor involvement package to enable the design to be ready for the planned joint replacements next year
 - Carry out trials in Holmesdale tunnel to enable the permanent design solutions for paint application and water management works
 - Carry out bridge deck waterproofing works to Bow Arrow bridge.

If you have any feedback or if you would like to contribute to the next issue please contact:

anjni.thakrar@octaviusinfrastructure.co.uk