



Tony Gee

Tony Gee News

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Innovative bridge design for ambitious York Central development



Exceptional planning and collaborative teamwork has taken one of the largest regeneration projects in the UK a step nearer to unlocking its full potential.

The ambitious York Central project will transform disused brownfield land into a distinctive residential, cultural and commercial quarter, and sees Tony Gee working with John Sisk & Son, for Homes England, to deliver a landmark new bridge over the Network Rail East Coast mainline.

The Tony Gee-designed bridge structure comprises seven box girders, forming a 17m-wide deck with elegant shallow arches incorporated into the outer girders. Designed to cross two busy live rail tracks, and future-proofed for two more just north of York station, the bridge delivers a 90m span with raking struts reducing the effective clear span to 49m, all on a challenging 58-degree skew.

The dedication of the Tony Gee team in designing, liaising with key stakeholders, and providing site support, culminated in a successful lift over the May Bank Holiday weekend. The team was on site all weekend supporting this important moment for the project, delivered through a precision operation using a 1,250-tonne crane.

Midland Metro connects

Tony Gee, part of the team working on the Midland Metro Alliance (MMA), has celebrated the installation of the canal span bridge, part of ongoing works for the Wednesbury to Brierley Hill route extension of the Midland Metro tram network. This almost 400m-long structure is the most significant asset on the route and will carry trams over the Dudley Canal and local brownfield sites to connect the Waterfront Way area to the restored South Staffordshire railway corridor. The installation required an 800-tonne crane, used to successfully lift in the 45m canal span. The now installed bridge is formed from braced pairs of weathering steel plate girders and will shortly receive an in situ reinforced concrete deck. The Tony Gee team, based locally to the site in Birmingham, designed the bridge and has been providing site support to MPB Structures throughout construction.

Milestone for Missing Link

A major National Highways road project on the A417 in Gloucestershire, UK has reached an important milestone with drivers now able to use a new section of dual carriageway for the first time.

Tony Gee has been lead designer on the A417 Missing Link, landscaped project, working with RPS and Kier Infrastructure, through the Professional Services Alliance, for National Highways. Tony Gee has also provided on-going design support from its offices and through a full-time on-site presence, as well as Works Examiner cover throughout construction. The project will be completed in spring 2027.





View from the top

Alasdair Fowler, CEO

Here we are more than halfway through 2026 already! For us at Tony Gee it has been a year of both continuity and change. The continuity, as you will read in this newsletter, has come in our project work as we continue to deliver high-profile engineering projects, many of which have been praised in the press and on social media.

I recently visited the A417 site (pictured), for example, and saw first-hand the progress being made on this vital project for South West England. The engineering challenges were great but the ambitious thinking around the environmental measures within the scheme was impressive. This thinking has been driven by a commitment to achieve a biodiversity net gain



for the scheme. It is an excellent project which exemplifies Tony Gee's capability, and I suspect it will win many awards in the future.

While the engineering challenges we help to solve remain familiar, the wider context in which we operate is changing. Across many regions of the world there is a growing emphasis on resource resilience and defence. We have therefore taken steps to diversify our sector focus into Defence Infrastructure and Water. Within these sectors we will do just as we always do: work with our clients to bring clarity and certainty to the design and construction of key

and nationally critical infrastructure, while still maintaining a relentless focus on our core civil, structural and geotechnical expertise. We will continue to ask the 'why' and the 'how' questions to ensure projects are delivered cost-effectively, sustainably and with real clarity on outcomes.



C-Hook solution praised for ingenuity

Tony Gee's C-Hook Precast Segment Lifter, designed for the Sydney Metro project, has received a Special Merit award at the Hong Kong Lighthouse Club Design for Safety Awards, for its ingenuity. Working with VSL on the Western Sydney Airport Surface, Civil and Alignment Works (SCAW) project, together the teams developed an innovative segment lifting solution which ensured a significantly higher level of safety than traditional lifting methods. The C-Hook Segment Lifter eliminated the need for operatives to manually attach lifting equipment to segments, cutting out the need to work at height, and also removing the chance of entrapment in the lifting equipment. The solution provided predictable lifting behaviour and crane stability.

Canada set for growth

Tony Gee is supporting the delivery of the Darlington Small Modular Reactor (SMR) project in Ontario, Canada, the G7's first live SMR construction.

The team is providing construction engineering and temporary works design services for the Aecon Kiewit Nuclear Partnership. Working closely with the permanent works design and construction team, Tony Gee engineers in Canada are delivering specialist technical support for complex construction activities, including the recent successful lift of the steel basemat, weighing close to 950 tonnes.

This involvement reflects the continued growth of Tony Gee's power and energy capabilities in Canada and demonstrates the value of combining local delivery with international expertise. The team is proud to support one of Canada's most significant energy infrastructure projects as it progresses.



Credit: OPG

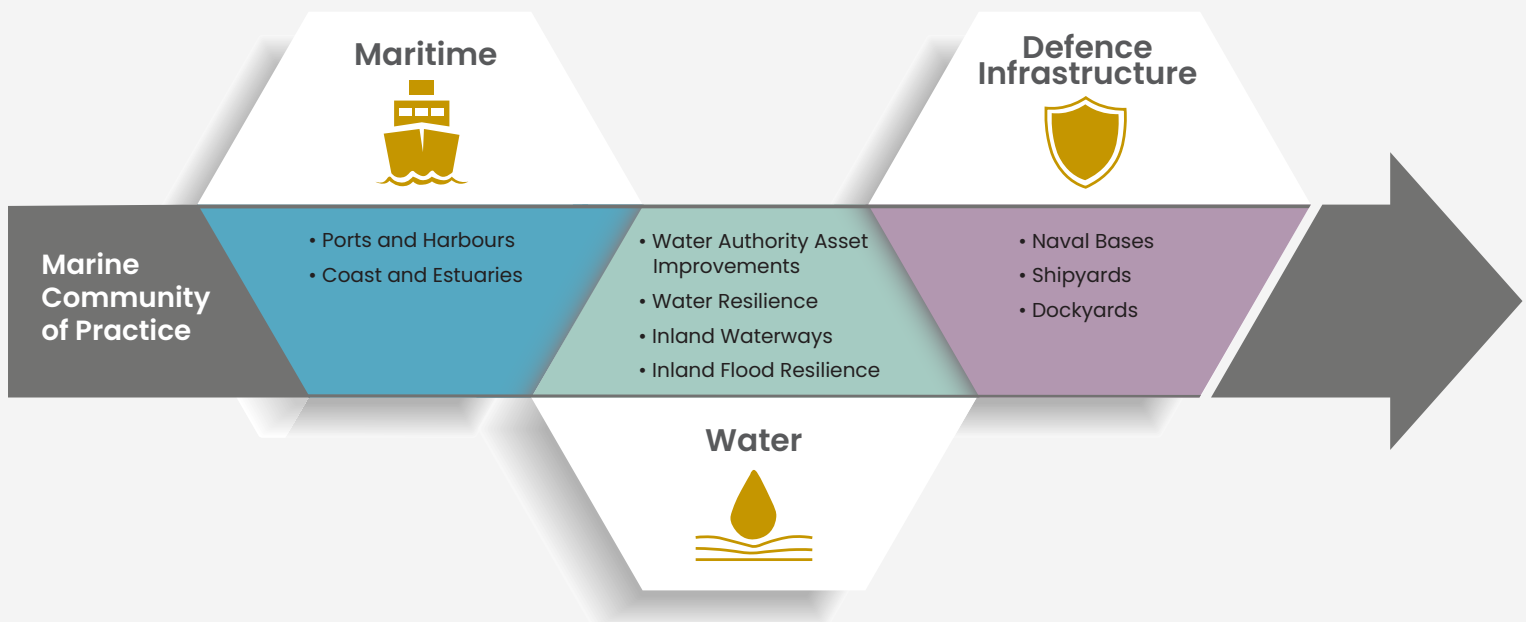
Scottish onshore wind farm takes shape

Tony Gee is on site as the lead civils designer for Sanquhar II, a 308MW onshore wind farm located in Dumfries and Galloway, Scotland. Tony Gee is working with Jones Bros, which is constructing the wind farm for CWP Energy. Once energised, Sanquhar II will be the fourth largest onshore wind farm in the UK. Consisting of 44 turbines, with a tip height of up to 200m, it will be able to provide electricity for 335,000 homes annually, while offsetting over 540,000 tonnes of CO2 emissions each year. Tony Gee has designed access tracks, platforms and crane hardstands across challenging topography, with infrastructure designed to accommodate turbine blades of over 80m, among the longest in the UK. Tony Gee has a full-time site presence which has allowed the design to be adjusted on the ground as construction progressed. Learn more from the team at the Onshore Wind Conference, hosted by Scottish Renewables and RenewableUK: September 1-2, Edinburgh.



Zouch Bridge official opening celebrations

The new Zouch Bridge, spanning the River Soar, has been officially opened. This £19.6m infrastructure project replaced a structure which had served the area for almost 100 years. The new bridge provides a vital connection between Leicestershire and Nottinghamshire, and supports the local economy by strengthening links to East Midlands Airport and the East Midlands Freeport. Tony Gee was the lead temporary works designer and Category 3 checker of the permanent works. Due to the proximity of high-voltage power lines, additional strengthening to the permanent works superstructure and substructure was designed for an incremental launch of the bridge without the need for craneage. The steel girders, launch nose and tail were pulled across the river on roller bearings, guided by a steel transverse guide, in two phases.



Future focused

Tony Gee has carried out a strategic review of its business sectors to ensure it remains agile in changing markets. The review, earlier this year, was undertaken by the Executive Board to identify where the business can best apply its capability in coming years. Noting that infrastructure markets are shifting and a downturn in transportation opportunities, the review highlighted that the business should develop in the water and defence infrastructure sectors. The company therefore intends to remain present in

all current sectors but also diversify greater attention towards these sectors. In addition the company has reshaped its marine sector into Maritime and retained the marine title for a new Community of Practice focus which will continue to deliver the skills needed. Jon Heath has been appointed Head of Sector, Water, and Gavin Bain has been appointed Head of Sector, Defence Infrastructure. Adeniyi Aje will continue as Head of Sector, Maritime. All will lead Tony Gee's interests and development.

Valuing technicians

Tony Gee has collaborated in an industry event which brought together consultants, clients and contractors to explore the important role technicians can play beyond traditional delivery.

Run with Kent County Council and ICE Kent and East Sussex, the event hosted ICE President, David Porter, for a productive day of debate and engagement. It recognised technicians as independent professionals working alongside engineers, noting the quality of the work they deliver and their significant value as leaders, problem-solvers, mentors and contributors to wider industry thinking. Delegates also visited Bean Tunnel for a detailed technical briefing on this major civil scheme to provide a Fastrack busway and a footway/cycleway linking Whitecliffe and Bluewater.



A double win for Tony Gee

Tony Gee Senior Engineer, Zoe Barnett, was named Emerging Project Professional at the APM Thames Valley Awards, recognising her role on the W2BC Structures Design package for the Transpennine Route Upgrade.

The APM Project Management Challenge Award went to Tony Gee's Ismail Munshi, Talha Wadud, Amy Thomas, Delina Haile, Sophie Freeland and Ihsaan Rahman, who collaborated on a Small Steps, Big Change sustainability project in schools.

Wild about wildlife: charity pledge



Credit: Pexels-Nikola-Tomasic

Tony Gee has announced a new corporate charity partnership with three Wildlife Trusts across the UK: the Surrey Wildlife Trust, Birmingham and Black Country Wildlife Trust and the Scottish Wildlife Trust.

The new partnership continues Tony Gee's charitable support work and reflects its commitment to creating a more sustainable future and strengthening its connection with the natural environment. Through fundraising activities, volunteering opportunities and engagement with conservation projects, our team will be able to make a hands-on contribution to protecting and restoring nature in areas close to where they live and work through this partnership.

The Wildlife Trusts are at the forefront of habitat restoration, biodiversity enhancement and environmental education. Through this partnership, Tony Gee hopes to support impactful nature recovery initiatives, and contribute to positive environmental outcomes in the communities where it operates. The partnership also aligns with the continued growth of Tony Gee's Environmental Services capability and its ambition to embed nature-based solutions more deeply into its designs and projects. It reinforces a commitment to environmental stewardship and supports the continued focus on delivering benefits for communities, clients and nature alike. The team looks forward to supporting the work of the Wildlife Trusts and making a positive impact in the years ahead.

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