



March 2022 Newsletter

The beginning of April sees us marking the end of our first year on-site, and what a difference a year makes! From the demolition of the large sheds where the new Colin Law Way is currently being finalised, to the concrete piers starting to “grow” out of the ground ready to support the eight-span bridge structure it is now obvious to observers that we really are delivering this project for Lowestoft.

NAV 1 Delivery – Video



Celebrating the arrival of the Northern Approach Viaduct steel section (NAV 1) on 1st March, you can now see a video of this notable event.

<https://youtu.be/ngW9VaxrzUs>

NAV1 will eventually be placed over the East Suffolk Railway Line later this year.

Gull Wing – One year on site



Above is the first image of the construction site taken from our camera situated on the Riverside office building in Spring 2021.

The March 2022 image below shows Piers 2 and 3 well out of the ground, and a view of the cranes being used on site and in the Lake.



This picture was one of the first images taken from the camera situated on the grain silo overlooking northern part of the site.



This March 2022 image shows the works on Piers 4 & 5 in the lake and on the right-hand side the NAV 1 being completed on site.



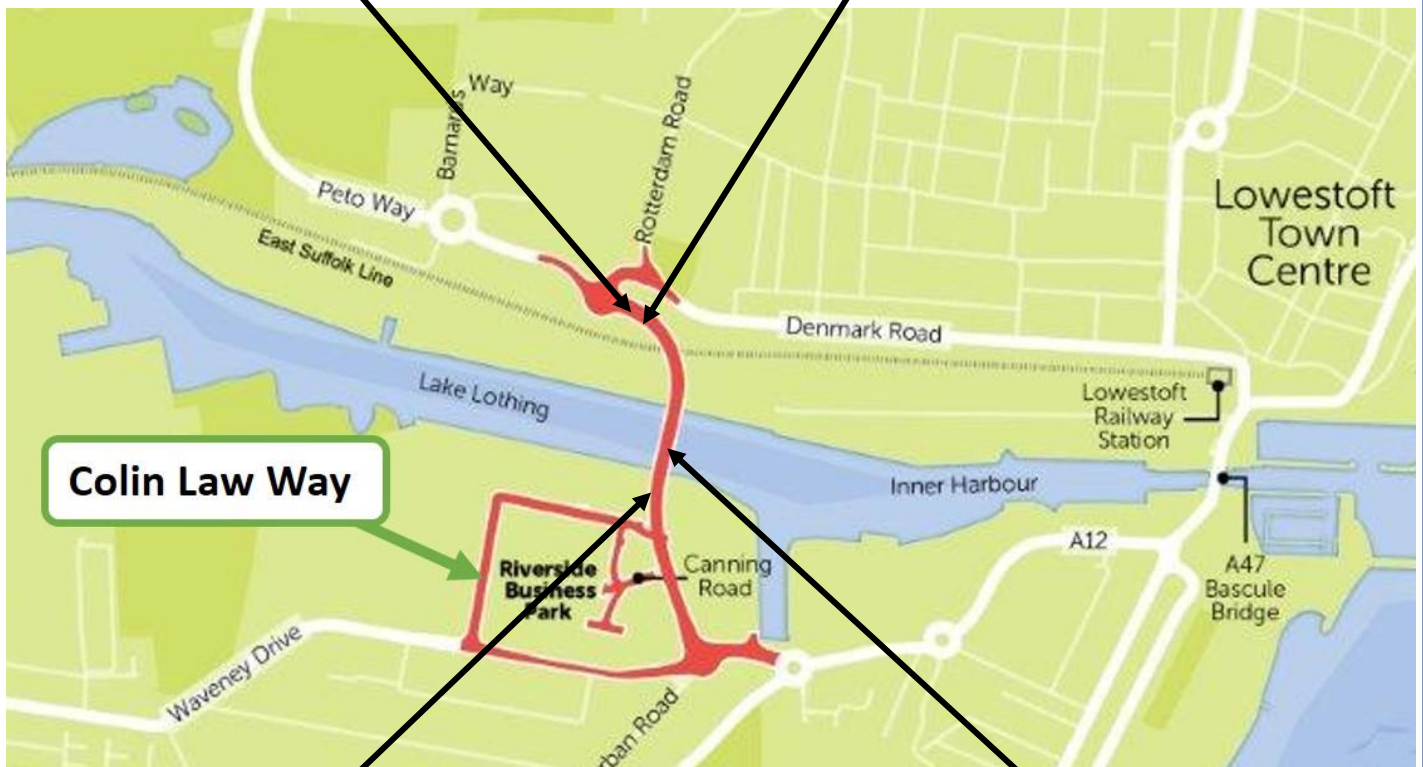
Recent Site Achievements – Around the Site



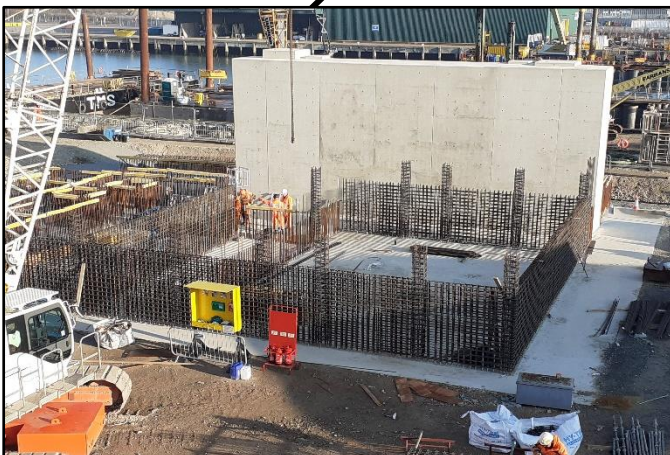
A - North Abutment Reinforcement



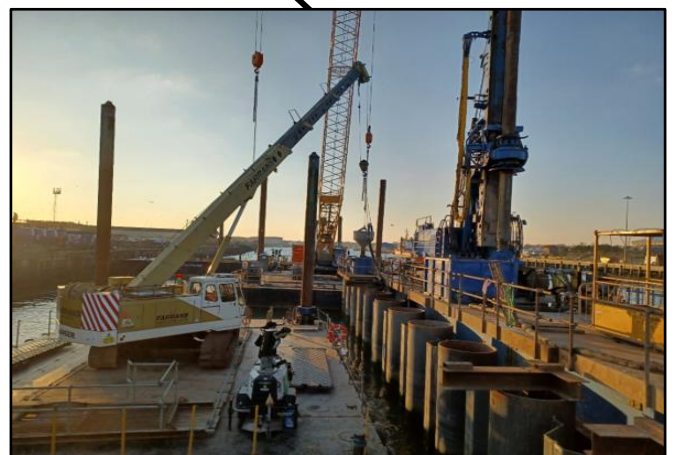
B - Pier 7 – Pile Cap Backfilled



Colin Law Way



C - Control Tower Basement Rebar



D – Pier 4 – Rotary Bored Piling

A

North Abutment – Reinforcement

Reinforcement steel being put in place for the north abutment wall adjacent to the East Suffolk Railway. Formwork and concrete works will be undertaken in April. Once completed, the North Abutment will be ready to take the NAV1 bridge span.

B

Pier 7 – Pile Cap Backfilled

Pier 7 is on the southern side of the railway and will also support the NAV1 bridge span when completed. The photograph shows the concreted pile cap for pier 7 being backfilled in readiness for the erection of the reinforcing steel bar to be installed for the bridge pier itself.

C

Control Tower Basement

Pier 3 – the shuttering has now been removed, and reinforcement steel has been put in place in preparation for the basement and plant rooms of the Control Tower.

D

Pier 4 – Rotary Bore Piling

Rotary Bored Piling is well underway in Lake Lothing for Pier 4. These piles will form the deepest foundations on the project and will carry the loading from the bascule bridge span. Some of these piles are more than 60m deep.

Ministerial Visit – 25/3/2022



Roads minister Baroness Vere of Norbiton was in Lowestoft to see progress on construction of the Gull Wing bridge.

The Baroness, who is Parliamentary Under-Secretary of State for Transport and Minister for Roads, Buses, and Places, saw for herself work taking place on the crossing at Lake Lothing in a visit on Friday March 25.



She was given an introduction to the site in which she was joined by Waveney MP Peter Aldous, Councillor Matthew Hicks, the leader of Suffolk County Council, Councillor Norman Brooks, East Suffolk Council Cabinet Member for Transport & Infrastructure, and Councillor Sonia Barker of Lowestoft Town Council. Also in attendance were C-J Green, the chair of New Anglia Local Enterprise Partnership, and John Dugmore, chief executive of Suffolk Chamber of Commerce.



Baroness Vere said: “It was fantastic to visit the Gull Wing Bridge to see work progressing on this important project. Our £73.39 million funding will provide a significant boost to Suffolk’s local economy, and this new link will be indispensable to the local community when it is completed - boosting connectivity, reducing congestion, and attracting investment to the area.”

A video presentation of the visit can be found here:

[Minister for Roads visit to Gull Wing 25 March 2022 - YouTube](#)

Local College Site Visits



The month of March saw the commencement of our site visits for local colleges, allowing students to see Gull Wing's progress up close. Guided by our Placement Site Engineer, Graduate Engineer and Site Supervisor, students from both East Coast College (Lowestoft) and East Norfolk Sixth Form College (Gorleston) have been given an expert insight into the engineering processes of key areas such as the construction of Colin Law Way, the retaining wall at its bell mouth junction, as well as Piers 2 and 3.

We look forward to further site visits with local Secondary Schools as the programme progresses.

Meet the Team



Hi, I'm Solene, the Resident Design Engineer for Arup on the Gull Wing Bridge, observing the ongoing construction and providing technical support to the project.

Having been previously involved in the design of this structure, I review the contractor's proposals, such as steelwork fabrication drawings, to ensure they comply with the design intent and respond to any queries to allow construction to progress effectively. On site I observe progress and maintain records for SCC, making note of any issues encountered. Born in France and raised in Spain, I moved to the UK for university where I studied Civil, Structural and Environmental Engineering. I joined Arup as a graduate engineer in their Bridges team and have enjoyed working on challenging multidisciplinary infrastructure projects ever since. One highlight of my career was working on the maintenance and retrofit design of 7 suspension bridges in the foothills of the Himalayas in Pakistan, ensuring the bridges which are vital to keeping local communities connected are safe and serviceable for the years to come.

Having just moved to Lowestoft, I have now experienced first-hand the grid lock that occurs when the existing bascule bridge opens. With a taller navigation span and faster opening times, Gull Wing should significantly reduce this traffic, and hopefully be a catalyst for further development and growth in the local area.

Upcoming Works



- Marine Rotary Bored Piling to Pier 4
- Marine Rotary Bored Piling to Pier 5
- Bridge Pier Construction:
 - North Abutment - Walls
 - Pier 7 – Wall
 - Pier 6 – Pile Cap
- Completion of Drainage & Services for Southern Access Roads
- Completion of final Utility diversions
- Completion of Lings new permanent entrance from Waveney Drive.
- Final road surfacing for new Colin Law Way
- Start soil stabilisation works for Northern Approach Embankment
- NAV1 - Preparation and Concrete Deck Construction

Further Information and Contact Details

For more information on Gull Wing, visit www.gullwingbridge.co.uk

You can email the project team at info@gullwingbridge.co.uk or telephone 01502 512779

If you no longer wish to receive updates about the Gull Wing bridge please email us on info@gullwingbridge.co.uk and we will remove you from the mailing list.

Follow us on :

Twitter - [@gullwingbridge](https://twitter.com/gullwingbridge):

Facebook – [Gullwingbridge](https://www.facebook.com/gullwingbridge):

Instagram - [Gullwingbridge](https://www.instagram.com/gullwingbridge)

For up-to-date information about roadworks in Lowestoft, please visit one.network

Improving the image
of **construction**

This site is registered with the Considerate Constructors Scheme
For more information call: 0800 783 1423 visit: www.ccscheme.org.uk

