



Congleton Link Road

Construction Phase Newsletter

Issue no.5

January 2020

Keeping you up-to-date with our work on the Congleton Link Road project.

Site Update

- The steel bridge beams for the River Dane Bridge have been lifted into place. Concrete works will start in the near future to create the bridge deck.
- The concrete works to construct the wingwalls and abutments on the Chelford Road structure have been completed. The pre-cast concrete bridge beams will be delivered to site in February and craned into place. Concrete works can then start to form the bridge deck.
- Works are progressing on the Giantswood Lane structure with the bridge deck due to be finished in February. When completed the services will be diverted back over the bridge.
- Works are underway to form the new realigned Giantswood Lane carriageway to the bridge.
- Structural concrete works continue on the Loach Brook structure. Pre-cast concrete bridge beams will then be transported to site.
- Road foundation works are set to commence on the section of mainline between Manchester Road and Macclesfield Road, with further earthworks set to be undertaken on Manchester Road. The first of two new pedestrian and equestrian underpasses near the new Manchester Road junction are due to be completed late February.
- Drainage and service diversions continue across the entire scheme.

Sandy Lane

The Sandy Lane closure has been extended until early April. This is due to the significant wet weather over the last 6 months, as well as unforeseen sewerage network and utility diversion issues. Therefore vehicles will be prohibited from using Sandy Lane until autumn 2020 when the scheme is completed. The closure is required to enable the construction of roundabouts at Sandbach Road and Holmes Chapel Road. Cyclists and pedestrians will however be able to enjoy the route again from Easter 2020.

Black Firs Primary School Site Walk

Alastair Lewis the schemes Project Manager and Patsy Murphy from the Community Benefits Team recently took time out to give children and teachers from Black Firs Primary School a walk around a section of the Link Road site.

30 excited children, of various ages enjoyed seeing the project and learning more about the works been undertaken and receiving an insight into a career in the construction industry. The project has donated 70 High Visibility jackets to the school for use in activities including the running club. The pupils taking part in the walk wore their new High visibility jackets and were told about health and safety and the dangers on a construction site. They were also shown the different types of protective equipment that is worn to protect the workforce.

Black Firs Primary School is one of the local schools that GRAHAM have built relationships with since work began on the project. The Headmaster has already requested a repeat tour for more students in the near future.



Community Volunteer Services Toy Appeal

The Congleton Link Road project team and supply chain partners carried out a collection to donate toys to support the local Community Volunteer Services (CVS) toy appeal. The CVS collect and give toys to local children who for various reasons may not receive gifts at Christmas.

The site team also organised and took part in the Save the Children Jumper Day along with holding a staff bake off, which raised money for the Save the Children charity.

River Dane Bridge beam lift completed in Congleton Link Road milestone

The main steel girders for the River Dane Bridge have been lifted into place. It marks the latest milestone in our work on the 5.7km link road. The steel girders span 87m over the River Dane, the largest of four road bridge crossings as part of the route.

An 850-tonne crane was used to lift the steel girders into place, the heaviest load weighing 135-tonnes. The bridge beams have been fabricated using weathering steel to reduce maintenance in future years and were bolted in pairs and lifted onto the structural concrete foundations.

Prior to being lifted the beams had been fitted out with formwork to reduce working from height issues.

When completed over 60,000 tons of soil will be transported across the bridge as opposed to through the town.



An 850-tonne crane was used to lift the steel beams into place over a 6-day period.

Core elements of the project involve cutting the road 8m deep into mudstone in a 25m high escarpment before traversing the River Dane with the 87m long bridge and landing on a 12m high embankment founded on piled alluvium.



Alastair Lewis, Project manager at GRAHAM, said: "The installation of the steel girders for the largest bridge along the 5.7km route marks a major milestone of the construction phase.

"The bridge beams were fabricated using weathering steel to reduce maintenance requirements.

"The beams were bolted in pairs and lifted onto the concrete foundations using an 850-tonne crane.

"The heaviest load was 135 tonnes and lifted once the beams had been fitted out with formwork to reduce working from height issues. We will be posting a time-lapse video of the bridge erection in the coming weeks."

The Congleton link road is on schedule to be completed in Autumn later this year.

OUR COMMITMENTS

- Work with our neighbours to reduce the impact our work has on local business and the community
- Ensure the traffic management system is in place and maintain a safe working environment at all times
- Monitor noise, vibration and dust to ensure they are kept within the permitted levels
- Support the local community through employment, buying from local suppliers and proactive stakeholder engagement

CONSIDERATE CONSTRUCTORS SCHEME

This site is registered under the Considerate Constructors Scheme (CCS) and as Partners, GRAHAM is committed to improving the image of the construction industry by striving to promote and achieve best practice at all our sites under the following code:

- Enhancing the **Appearance**
- Respecting the **Community**
- Protecting the **Environment**
- Securing everyone's **Safety**
- Caring for the **Workforce**



KEEP UP TO DATE

Keep up to date with the latest news on Congleton Link Road at:



graham.co.uk/congleton-link-road

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