



Poynton Relief Road

Construction Phase Newsletter

Issue no. 9

Keeping you up to date with our work on the Poynton Relief Road Project.

Excellent progress has been made in recent weeks across the entire scheme, including earthwork operations and our works to upgrade the Bonis Hall Lane junction and Adlington Crossroads.

Earthworks Progress

The second season of bulk earthworks commenced in early April, marking a key phase on the project.

Traffic has recently been switched onto the new Chester Road bridge deck, which will enable the removal of the temporary carriageway that has been in place for almost 12 months.

Following the traffic switch, our operations to excavate and remove the estimated 45,000 m³ of remaining material from under Chester Road bridge and the area north of the bridge to the A555 will now begin.



The excavated material will be hauled and used to form the embankments for the new Adlington bridge, with large quantities also being used to complete the remaining earth bunds along the east side of the project. The completed bunds will help screen the new road and provide mitigation against traffic noise.

To complete the tasks associated with the earthworks we will have up to eight 30 tonne articulated dumper trucks, four bulldozers, two 40 tonne excavators, compaction equipment and various other machines performing different roles.

At the height of last years bulk earthwork operations we excavated, transported, placed and compacted approximately 4,500 tonnes of material a day.

Ongoing Works

- Drainage works continue with approximately 70% of the overall new drainage now installed.
- Construction of the new Adlington roundabout is progressing with kerb installation and road foundation works ongoing, including the new access to Adlington Golf Centre.
- We continue to undertake road foundation works from Chester Road to London Road, with approximately 85% of the stone base layer required on the scheme been laid and compacted. The base layer will be trimmed in the summer months and prepared for tarmac.

Attenuation Tank & Pumping Station Construction

Works recently started to construct the new attenuation tank and pumping station close to the new Chester Road bridge. The 30m x 7.5m attenuation tank is essentially a large container tank that will act as a buffer by storing excess surface water and prevent the Poynton Relief Road flooding in the future.

The tank will be constructed with 3,024 bespoke modular storage blocks that will act as a soakaway and when completed will accommodate 574,560 litres of water.



The works included the installation of 186 sheet piles to a depth of up to 10m, using a piling rig and hydraulic vibro-hammer machine. The piling machine transfers vertical vibrations to the sheet pile via a hydraulic clamp, loosening the soil and aiding the installation of piles. The team took the decision to pre-auger and excavate 6m into the ground ahead of the sheet pile installation, in order to minimise the vibration levels on our neighbours.



Following the construction of the attenuation tank we will install 3 pumps, which have the capacity to pump 200 litres of water a second from the tank to 2 newly constructed attenuation ponds.

The 3 pumps will be able to pump the tank from full to empty in approximately 48 minutes, with the water being pumped in a controlled way through 220m of new rising main drainage pipe to the attenuation ponds. The ponds will then hold the water before allowing it to drain away naturally.

Bonis Hall Lane Junction

Final works are taking place on the Bonis Hall Lane junction, including the installation of power to the new street lighting columns and road signage. Commissioning of the new permanent traffic light signals and surfacing of the footpath will also be carried out in the coming weeks. Landscaping works will be undertaken in the autumn to complete the junction upgrade.



Adlington Crossroads

Good progress has been made on the Adlington crossroads upgrade, with electrical and BT diversions successfully carried out. Kerb installation and footpath construction is ongoing on the Mill Lane side of the crossroads, with works to widen the existing carriageway also continuing.



Poynton Baptist Church Food Bank Collection

The Project Team are carrying out regular collections to support the Poynton Baptist Church food bank.

The food bank has seen a significant rise in the number of people requiring support, with many losing their jobs during the pandemic.

The ongoing rise in the cost of living is also having a detrimental effect on families budgets meaning more people are turning to the food bank.

The food bank currently opens every 4 weeks, but are hoping with further support to open weekly. The church volunteers also make regular food hamper deliveries to members of the community who are unable to leave their homes.



Judith Scorer, Poynton Baptist Church, said:

"I would like to thank everyone at GRAHAM, most sincerely, for the boxes of provisions you delivered to our church this morning."

"We are really grateful and your contributions will enable us to continue to stock our Community Larder, which currently opens every four weeks for families with children on free school meals and members of the community who are struggling with food insecurity."

"As we rely on donations and voluntary contributions, we are so thankful for people who are prepared to give generously, like you have done."

Litter Pick

Volunteers from the Project Team recently took part in a litter pick to clean up areas of Poynton ahead of the Platinum Jubilee celebrations.

Starting from our office on the A523 London Road, the team made their way into Poynton town centre picking up as much litter as they could, before returning along London Road.



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

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:

- Respecting the **Community**
- Protecting the **Environment**
- Caring for the **Workforce**



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