

# A452 Europa Way - Queensway to Princes Drive Signalisation scheme: Progress Update

## December

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Issue: No.7

### Overview

The scheme has progressed on schedule throughout December with Phase B starting and nearing completion along with further progress made on Phases D, F and H.

The gabion retaining wall on Phase F has now been fully backfilled with stone fill and is structurally complete. Completion of this phase will be achieved once the new footway has been completed in early February.

Phase B has commenced and progressed well throughout the month, the existing kerb line has been removed and the whole area has been stripped ready for all of the new service ducts which will be housed within the verge. Installation of the new traffic signal maintenance bay was also completed.

Phase H Myton Road South widening has continued with further service diversions and drainage ducting installation taking place throughout the month. Works scheduled in January include excavation of the new rain infiltration pond.

To ensure the flow of traffic throughout the scheme is not adversely impacted, active traffic management will only take place during off peak times between 9.30am-3.30pm.

We continue to thank all residents, businesses, and visitors to the area for their co-operation and patience as we work to deliver these improvements.

Works are progressing on time and completion of the scheme is still on track for summer 2025.

On behalf of WCC and CR Reynolds, we apologise for any inconvenience/delays you may encounter due to the temporary traffic management.

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## Progress to Date

### Phase F – Queensway - Europa Way North Gabion Retaining Wall

Phase F progressed on track throughout December. Specialist gabion retaining wall installer Maccaferri have now completed all basket formation works and completed their duties.

Principle contractor CR Reynolds then continued to carry out the major backfilling works to the rear of the baskets. Backfilling with structural fill is crucial for the stability and long-term durability of the retaining wall. The task must be carried precisely in line with stringent compaction standards using the correct compaction techniques to ensure the density of the backfill meets design requirements, see figure 1.



*Figure 1 Gabion Retaining Wall Backfill Works*

Throughout backfilling works, several density tests were periodically carried out by an external testing agency to ensure the compaction achieved was to the correct design requirements, see Figure 2.

In January, planned works on Phase F include, topsoiling works above the structural fill layers, Vehicle Restraint System installation preparation and street lighting preparation.





*Figure 2 Gabion Retaining Wall Backfill Density Testing*

### **Phase D – Tachbrook Park Drive South Widening**

Phase D has continued as scheduled throughout December. All ducting for new the streetlighting columns and traffic signal ducting has been installed. The new kerb line and has also been laid, see figure 3.



*Figure 3 Phase D New Kerb-line Construction*

Works will progress throughout January and include the new crossing point installation, widened footway construction including all structural pavement layers and surfacing. There is currently a short pedestrian diversion in place while works take place on Phase D.

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## **Phase H - Myton Road South Widening**

Phase H has continued throughout the month with further utilities diversions taking place to eliminate any clashes for the new widened carriageway construction. New carriageway drainage was also installed which will supply runoff flow to the proposed infiltration pond, see Figure 4.



*Figure 4 Phase H Drainage Duct Construction and Service Diversions*

The infiltration pond's purpose is to act as a natural vegetated filter to ensure carriageway runoff and pollutants are captured, the flow rate is slowed, and water is stored. This additional storage capacity will alleviate the stress on the existing highway drainage system further along the road network in storm events.

The proposed works for January include works for the excavation of the new infiltration pond, new kerb-line installation and widened carriageway construction.

## **Phase B – Tachbrook Drive/Queensway Widening**

Phase B commenced in December and consisted of various improvements to the highway and footpath between Tachbrook Drive and Queensway. The improvements include carriageway widening, a new controlled pedestrian crossing point and several new highway drainage routes.

Throughout the month great progress was made. The existing kerb-line was removed and realigned. Earthworks began to facilitate a new traffic signal maintenance bay, which was subsequently paved in grass-crete allowing for a natural aesthetic once seeded over, see figure 5. Furthermore, a CCTV mast base was excavated and is awaiting casting in early January.

In January works will continue, including installation of the traffic signal controller ducting, base and cabinet, extended footway construction and street lighting installation.



*Figure 5 Phase B Traffic Signal Maintenance Bay Construction*