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

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Overview

The scheme has progressed on schedule throughout March, there was great progress with several ongoing phases and the initiation of Phase J.

During March, Queensway Roundabout and the approaching carriageways (Tachbrook Park Drive, Queensway and Europa Way) were resurfaced during a series of night closures. The process involved stripping the existing surface using plaining machines to uncover a suitable base to lay the new surface course.

The upper pedestrian footpath and Vehicle Restraint System has been completed on Phase F. Works began on the lower pedestrian footpath in mid-March, currently over 80% of the new edge kerbs have been laid and the remaining works will be completed throughout April.

Phase J was started and consists of a new controlled pedestrian crossing point and footpath. This new path provides a more convenient route between the Asps and Leamington Shopping Park. During March, the lower foundation layers were laid to level and the edging kerbs installed along with the new street lighting columns.

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 9:00am-4:00pm.

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.

Author: KC

Progress to Date

Queensway Roundabout Surfacing

Throughout mid-March great progress was made on the southern phase of the scheme. During series of night closures between the hours of 8pm to 5am, the entire southern side of the project was surfaced with the final course of tarmac and white lined. The works were undertaken at night to ensure minimum disruption to all local stakeholders, see Figure 1.



Figure 1 Queensway Roundabout Resurfacing

Surfacing contractor Allroad Asphalt Solutions carried out the works using their highly specialist road planning and surfacing equipment. Initial works consisted of using a road plaining machine to remove the existing and heavily fatigued road surface, see Figure 2.





Figure 2 Plaining Existing Road Surface

Once down to a suitable road base, the surface course stone mastic asphalt was laid, see Figure 3. This innovative material was used due to its robust durability and longevity.





Figure 3 - Tarmac Surfacing

Following completion of the surfacing, the area was ready for the new and improved white lining design to be applied to the road surface using highly durable thermoplastic line paint, see Figure 4. The new lining layout maximises the increased lane width and additional lane achieved from the size reduction of Queensway Roundabout which completed in Autumn 2024.





Figure 4 – Line Painting

Due to the efficiency and planning from Allroad Asphalt Solutions, Warwickshire County Council and CR Reynolds, surfacing was completed before schedule and has been opened to the public. The area is now ready for signalisation, which is planned for installation during June.

<u>Phase F – Queensway - Europa Way North Gabion Retaining Wall</u>

Throughout March, several activities were completed on Phase F bringing it close to completion and reopening to the public. The steel Vehicle Restraint System (VRS) barrier was installed which was over 90m in length. To ensure the VRS was installed correctly and conformed to all of the stringent standards in place, it was static push tested with a specialised push test rig, in which it passed. For additional pedestrian safety, a timber post and rail fence was also installed, see Figure 5.





Figure 5 Phase F - Progress (Before & After)

The lower footpath edge kerbing was completed and the structural layers of the new widened footpath were brought up to level using structural stone, see Figure 6. New LED footpath lighting columns were also installed along the edge of the path to provide a safe route for pedestrians at night. The lower footpath is now awaiting the tarmac binder and final surface layers before completion and reopening to the public.



Figure 6 Phase F - Lower Footpath

Phase J – Europa Way Crossing

Phase J was started in March, with great progress made throughout the month. The phase consists of a new pedestrian signalised crossing point, which will now connect the Asps housing estate to Leamington Shopping Park via shorter and more convenient route.

The leadup to the crossing point was constructed using structural stone to bring the path to the correct gradient for accessibility standards. Once at level, the laying of the new edge kerbs was started and the street lighting column bases installed, see Figure 7.





Figure 7 Phase J – Europa Way New Pedestrian Crossing Point

Throughout April, works will continue installing the edge kerbing and the construction of the upper structural layers for the new footpath. Following these activities, in June, the path will be surfaced and have the controlled crossing signals installed ready for final commissioning planned for July.

Phase H - Myton Road South Widening

Works on Phase H progressed throughout the month, with the completion of the new widened southern kerbline. The new kerbs now allow for the upper carriageway structural layers to be laid ready for the binder course of tarmac in May, see Figure 8.



Figure 8 Phase H – New Kerb Alignment

The new widened footpath leading into Myton Road has also been fully edge kerbed and the main path brought to level ready for the binder course of tarmac in May, see Figure 9.



Figure 9 Phase H – Widened footpath

The proposed works for April include installing the street lighting and continuing with the new kerb alignment excavation which extends into Myton Road.

Phase B - Tachbrook Drive/Queensway Widening

Phase B is nearing full completion, with the widened footpath constructed throughout March linking Queensway and Tachbrook Drive. The new crossing point on Tachbrook Park Drive was also kerbed, this crossing point provides pedestrians a more convenient route to Queensway. In May the footpaths will be surfaced with the final surface course and the traffic signals installed in June, see Figure 10.





Figure 10 Phase B – New Pedestrian crossing