

South Cambridgeshire EHA 18 – 19 Schemes.

Through a competitive tender process Cambridgeshire County Council has appointed Tarmac as their principal contractor to deliver a countywide package of resurfacing schemes. This is due to commence in early September and run through to mid-December and is comprised of 18 schemes located around the county.

The overall package is worth approximately £4.2 million, with the work being carried out both during the day, or overnight depending on the location and method employed. This is the second time CCC will be working with Tarmac through this external framework, having previously appointed them to deliver a similar package of work over the 2016/17 financial year.

Please see the following for further information about each scheme within the district area.

A1307 Haverhill Road

Time works on site – 2000 - 0600.

Duration – 7 days.

Dates – 17/09/18 – 25/09/18.

Issues – The surface course has reached the end of its serviceable life and needs replacing, there is also horizontal reflective cracking along the length of the scheme.

Scheme brief - Resurfacing work will be from the county boundary with Suffolk, westbound for approximately 1.7km. This will also take in the junction heading off towards Withersfield. The work will be full width plane and inlay to a depth of 75mm. This will allow us to lay a 25mm thick Stress Absorbing Membrane Interlayer (SAMI) which will be flexible enough to nullify any movement in the lower pavement layers, (currently seen on the surface as reflective cracks every 10 – 15 metres). On top of this we will laying a highly durable, long lasting 50mm thick layer of our own Cambridgeshire Asphalt Surface Course, (CASC). By creating our own specific material we are able to reduce overall costs and provide consistency across the county. In addition to the road upgrades, as part of the scheme, we will also be undertaking gully emptying, verge maintenance and ironwork repairs. Vehicles wishing to travel either east or west along the A1307 will still be able to get through, under escort.

A603 Vehicle Restraint System (VRS) repair

Time works on site – 0930 - 1530.

Duration – 45 days.

Dates – 24/09/18 – 23/11/18.

Issues – Outdated vehicle barrier which needs to be upgraded to existing specifications and relocated as needed.

Project brief – Replacement of VRS on A603 Barton RAB and dual sections over the M11 at J12. This will see the removal of most of the existing barrier and the installation of approximately 1000m of new barrier. This will involve breaking out the central reservation to allow the installation of the new VRS which will see Lane 2 coned down, with vehicles using Lane 1 only for the duration of the scheme. This work will be completed before the A603 carriageway resurfacing work commences.

A1307 Horseheath Bypass

Time works on site – 2000 - 0600.

Duration – 5 days.

Dates – 26/09/18 – 02/10/18.

Issues – Surface course deterioration and horizontal reflective cracking along the length of the scheme every 10 – 15m.

Scheme brief – This work will take place within the boundaries of the Horseheath bypass and will see approximately 1.4km of carriageway resurfaced. The work will be full width plane and inlay to a depth of 75mm. This will allow us to lay a 25mm thick Stress Absorbing Membrane Interlayer (SAMI) which will be flexible enough to nullify any movement in the lower pavement layers, (currently seen on the surface as reflective cracks every 10 – 15 metres. On top of this we will laying a highly durable, long lasting 50mm thick layer of our own Cambridgeshire Asphalt Surface Course, (CASC). By creating our own specific material we are able to reduce overall costs and provide consistency across the county. In addition to the road upgrades, as part of the scheme, we will also be undertaking gully emptying, verge maintenance and ironwork repair. Vehicles wishing to travel either east or west along the A1307 will still be able to get through, under escort.

A1307 Cambridge Road, (Westbound only)

Time works on site – 2000 - 0600.

Duration – 4 days.

Dates – 03/10/18 – 08/10/18.

Issues – Lane 1 place to place surface course deterioration and wheel tracking.

Project brief – Approximately 750m of carriageway will be resurfaced near Dalehead foods, from near the overhead pylons to the central hatching. The work will be plane and inlay to a depth of 110mm allowing us to lay a 60mm binder course and a 50mm layer of CASC. In addition to the road upgrades, as part of the scheme, we will also be undertaking gully emptying, verge maintenance and ironwork repair. Vehicles wishing to travel either east or west along the A1307 will still be able to get through, under escort.

A1303 Madingley

Time works on site – 2130 - 0530.

Duration – 3 days.

Dates – 03/12/18 – 05/12/18.

Issues – Joint failure and the existing surface course has reached the end of its serviceable life.

Project brief – This resurfacing will see the replacement of the existing surface course with a new, quieter and more durable one, (CASC) designed and made specifically by and for Cambridgeshire County Council. The work will be full width plane and inlay to a depth of 50mm for an approximate length of 500m, including the section over the M11 J13. We will be reinstating the bus lane with a red asphalt surface course as well as, also undertaking gully emptying, verge maintenance and ironwork repairs. Work will be done under a full road closure and diversion route. Over the course of the scheme we will be working closely with Highways England to ensure sufficient advanced warning is given to motorists to plan accordingly. HE will also be using the CCC road closure to carry out some of their own maintenance works on the J13 bridge deck.

A603 Barton Roundabout, (including the approaches)

Time works on site – 2000 - 0600.

Duration – 9 days.

Dates – 10/12/18 – 20/12/18.

Issues – the existing material has reached the end of its serviceable life, leading to, wheel tracking, potholes and joint failure.

Project brief – This work will replace the existing surface course on the A603 gyratory, the approaches, and the dual section over the M11 J12. It will be full width plane and inlay to a depth of 110mm on the roundabout gyratory, and to a depth of 50mm on the approaches, and over the M11. To eliminate surface course failure we will be laying the material in echelon, utilising two paving machines at once, laying side by side, this will ensure that all joints are kept to a minimum, further

increasing the longevity of the pavement. In addition to the road upgrades, we will also be undertaking gully emptying, verge maintenance and ironwork repair. Work will be done under a full road closure and diversion route. Over the course of the scheme we will be working closely with Highways England to ensure sufficient advanced warning is given to motorists to plan accordingly.

The following schemes delivered by Highway Service on behalf of GCP.

Walnut Tree Avenue

Time works on site – 0730 – 1830.

Duration – 2 days.

Dates – 24/09/18 – 25/09/18.

Issues – Existing surface course is reaching the end of its serviceable life.

Project brief – Full width resurfacing of Walnut Tree Avenue from an existing joint near the cycle exit to the Midsummer Common entrance and the turning head near the flats. We will be removing the top 50mm of material from the carriageway and laying a new surface course. In addition to this we will also take advantage of the road closure to empty and clean any gullies. Once the new surface course has been laid we will be reinstating all road markings in their existing locations. As this is a no through route there is no diversion route when the work is taking place, however works will be carefully coordinated to accommodate local residents wherever possible. Cyclists will be asked to dismount prior to the works. This will be delivered during the daytime to reduce the impact on residents.

Fen Road, Milton

Time works on site – 0730 – 1830.

Duration – 3 days.

Dates – 26/09/18 – 28/09/18.

Issues – Uneven road surface which is not suitable for pedestrians and cyclists looking to reach the river bank.

Project brief – The resurfacing work will begin at the surface dressing joint near the residential properties on Fen Road and continue down to the bank of the river, leaving 10m either side of the signalised level crossing. A dense material will be used to provide a smoother, more durable surface and the existing road will be overlaid with 30mm's of asphalt. In addition to the resurfacing work, we will also be repairing some damaged vehicle restraint barrier, cutting back overhanging vegetation and replacing damaged posts. The works will take place during daytime hours 0730 – 1830, however as this is a no through road there is no diversion route.

Cambridge Road, Milton

Time works on site – 2000 - 0600.

Duration – 3 days.

Dates – 10/11/18 – 14/11/18.

Issues – Uneven surface, end of life of the existing surface course and joint failure.

Project brief – The resurfacing work will incorporate the Tesco roundabout with existing material being removed to a depth of either 50 or 110mm depending on the location. The roundabout will receive a new binder and surface course, whilst the section of carriageway from the RAB down to Milton Country Park will receive a new surface course. The new surface course is Cambridgeshire's own specification, and is designed to be longer lasting, more durable, and rut resistant. In addition to the resurfacing work CCC will be picking up other works in the immediate area, including improving the crossing at the RAB, installing wooden fencing to prevent damage to existing verges, replacing damaged kerbs and resurfacing the footpaths along Cambridge Road. Under the closure we will also be emptying and cleaning any gullies. The RAB resurfacing will be carefully coordinated with the local Tesco store, with work taking place over the weekend. A local, signed diversion route will be in place whilst these works are undertaken. For the Cambridge Road resurfacing, as this is a no through route, there is no applicable diversion, however works will again be carefully coordinated to take into account local stakeholders and businesses wherever possible.