

A414 Edinburgh Way

Latest progress – February 2019

Edinburgh Way – Drainage Works

Following our traffic switch we have now commenced the drainage on the North side of the scheme opposite Gates Ford/Kwik Fit. To date we have installed two catch pits and one 20m pipe run. Progress is slightly slower than we expected as we have found a number of obstructions in the ground that we are now resolving.

Interesting fact –

All of our precast concrete thick wall catch pits are made off site in factory conditions improving the quality of the product. The 150mm thick walls mean we do not have to surround the catch pits with concrete in-situ. This in turn reduces our carbon footprint and improves work outputs on site. The catch pits are supplied with pre cored holes for the connecting pipes improving the health of our operatives as they are not required to cut concrete, producing less silica dust, as you would do with traditional catch pit rings.



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Edinburgh Way – Drainage Works

You will have noticed that we have now taken delivery of the 1500mm diameter drainage system that will be installed adjacent to Harlow Mill Roundabout along Edinburgh Way. These large pipes and catch pits form our attenuation water storage system. The surface water run off is then released at a controlled rate into the existing Thames Water drainage system. We will start installing these in the next two weeks.

Interesting fact –

This section of the drainage system is completely made of plastic making the heaviest section circa 1500kg and therefore constructible on site with standard construction equipment. Every component is manufactured off site to maintain high quality levels before being delivered on articulated lorries. The catch pits themselves are between 2100mm & 2700mm in diameter and up to 3500mm deep.



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Harlow Mill Roundabout – Crib Wall Fill

Following the recent high temperatures during February we have been able to continue with the backfill works to the Crib Reinforcement wall behind Gates Ford. Previously we had to stop as the sand fill had become too saturated and we could not achieve the density levels required by the specification. We will continue with this operation as and when the weather permits.



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Edinburgh Way – North side

Planned activities March 2019

Phase

Utility Diversions

Main Works

North side phase 1

- Openreach cable installation and connections to local customers

- Commence installation of the drainage works.

North side phase 2

- Openreach cable installation and connections to local customers

- Commence installation of the drainage works.

North side phase 3

- Openreach cable installation and connections to local customers

- Continue with drainage installation.
- Road box excavation to the north side of Harlow Mill Roundabout.

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Edinburgh Way – South side

Planned activities March 2019

Phase	Utility Diversions	Main Works
South side phase 1	<ul style="list-style-type: none">■ Openreach cable pulling and connections■ Vodafone cable installation	<ul style="list-style-type: none">■ None
South side phase 2	<ul style="list-style-type: none">■ Openreach cable box installation■ Vodafone cable installation	<ul style="list-style-type: none">■ None
South side phase 3	<ul style="list-style-type: none">■ Openreach cable box installation■ Vodafone cable installation	<ul style="list-style-type: none">■ None
South side phase 4	<ul style="list-style-type: none">■ Crib wall back fill■ Drainage installation■ Connection to Thames Water System	<ul style="list-style-type: none">■ Complete back fill to the crib wall outside Gates Ford.

A414 Edinburgh Way Phase Sections

