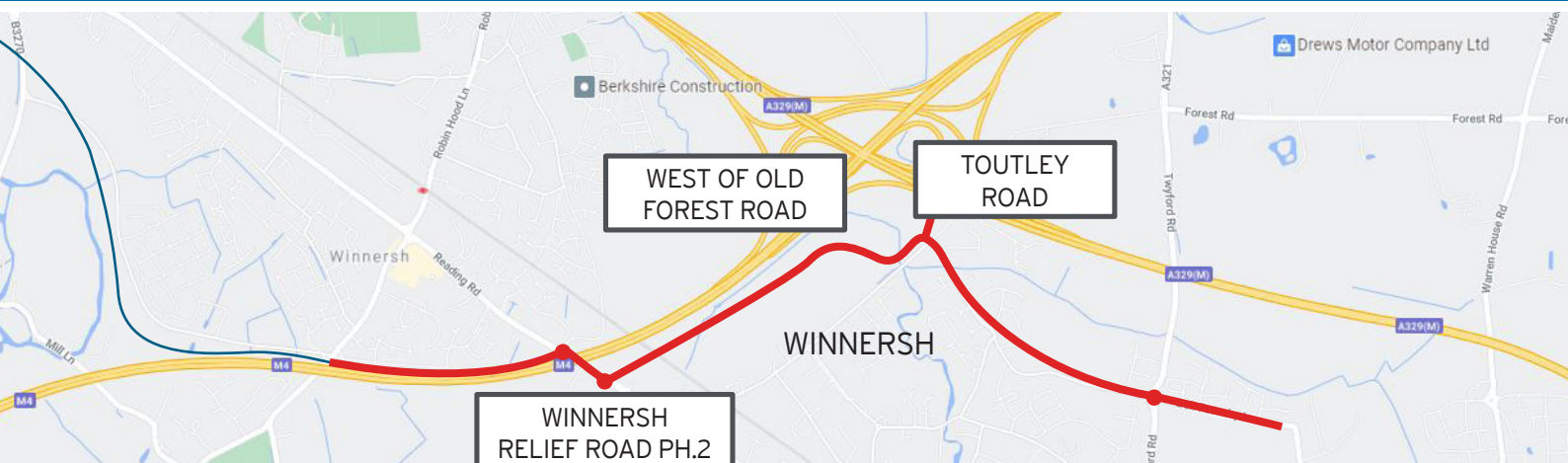


North Wokingham Distributor Road - West Of Old Forest Road (Incorporating Winnersh Relief Road Phase 2) - Newsletter

September 2020



» Work to date

The overall good weather over the last few weeks has been in our favour and has enabled us to progress operational works, whilst maintaining social distancing in line with Government advice and guidance. As it stands, we are still on track to complete this scheme early 2022.

» Winnersh Relief Road



Longdon Road to Reading Road link



North roundabout on Reading Road



Uncovered utilities on Reading Road



The new road is beginning to take shape. The ground, seen here, was stripped from top-soil ready for the new road foundation



Geotextile material has been installed. This is a permeable fabric to help reinforce and protect the road as well as help the road to drain



Vacuum excavation was carried out in the footways on Reading Road to safely reach buried services (water, gas, electrics, telecoms). These services required lowering underground and in some places were diverted entirely to accommodate the two new roundabouts

North Wokingham Distributor Road – West Of Old Forest Road (Incorporating Winnersh Relief Road Phase 2) - Newsletter

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» Old Forest Road



Section of Old Forest Road is now closed until March 2021. This is to allow us to construct a section of the new road which will connect to Toutley Road junction



A view from inside the new Country Park



The first phase of construction works includes vacuum excavation for access to underground utilities (i.e. gas, electricity, telecoms)



The first phase of works along Old Forest Road have so far included laying a top-soil strip and the installation of geotextile



With daily movement of around 200 construction lorries, a new wheel wash system has been introduced to keep the roads clean of mud

» West of Old Forest Road



Railway crossing and new Distributor Road



New Distributor Road

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New swale cut through the site to allow for improved drainage of the road



Overnight works which included site clearance, installation of fencing and a track monitoring system were carried out along the railway track.



New swale cut through the site to allow for improved drainage of the road



Top-soil strip along a section of the new Distributor Road



The sheet piling will support the existing ground along the railway during the new bridge construction



An example of the type of crane that will be required for the installation of sheet piling

» Safety measures

Two examples of common safety measures we've deployed along sections of this project are asset mass barriers and temporary pedestrian walkways.



The asset mass barrier on Reading Road is a protective steel barrier consisting of hot galvanised elements powder coated in highly visible safety colours. Individual base units weigh 55kg and each unit links together via vertical pins



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Winnersh Relief Road safety measure: A temporary pedestrian walkway has been installed through the northern roundabout site. This helps to create a visual exclusion zone between plant and pedestrian



Special fencing and track monitoring devices have been installed on the rails along the train track to enable the earthworks in preparation for the new bridge over the railway

» Did you know?

On average, seven workers die each year after accidents involving vehicles or mobile plant on construction sites; 93 more are seriously injured, according to the Health & Safety Executive. Construction vehicle accidents are caused by inadequate planning and control; inadequate separation of pedestrians and vehicles

As we draw closer to the winter months, temporary lights are to be installed for the safety of the public and our workforce. These energy efficient sensor-controlled lighting will automatically switch on daily during darker periods of the day and night.



Red-white blocks linked together forming a barrier as a safety measure before timber hoarding is installed to prevent excavators and vehicles from encroaching into the railway boundary



The track monitoring devices will measure track movement during the main construction works. They have been installed on the rails and are fitted with solar powered transmitters. The transmitters send data to a computer. This modern system eliminates the need for manual surveying as well as potential risks

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Other works completed include: Tree pruning along sections of Longdon Road; vegetation clearance along sections of Old Forest Road; archaeological works; vacuum excavation works around existing electric substation at Winnersh to identify location of utilities; resurfacing works along sections of A329 Reading Road.

» Upcoming Works

These tables show planned works, split by section of road, between now and end of this project. Please note these are indicative dates and are subject to change.

Network Rail Bridge works	
Brief description of works	Estimated Timeline
Temporary works - laying the foundations	September - October 2020
Sheet piling - Sheet piles are sections of sheet materials with interlocking edges that are driven into the ground to provide earth retention and excavation support. Sheet piles are most commonly made of steel, but can also be formed of timber or reinforced concrete	October 2020 - December 2020
Installation of abutments - a structure built to support the lateral pressure of an arch or span, e.g. at the ends of a bridge	December 2020
Bridge preparation	November 2020 - January 2021
Crane lifting and installation of steel beams	January - February 2021
Installation of wing walls - In a bridge, the wing walls are adjacent to the abutments and act as retaining walls. They are generally constructed of the same material as those of abutments. The wing walls can either be attached to the abutment or be independent of it.	January - March 2021
Installation of bridge deck by phased concrete pours	March - May 2021
Expected completion	June 2021

Old Forest Road	
Brief description of works	Estimated Timeline
Installation of new footbridges across the Emmbrook, installation of new flood relief culvert	September - October 2020
Earthworks and site clearance to allow way for main construction	September 2020 - January 2021
Laying of kerbs	January 2021
Installation of drainage	December 2020 - March 2021
Road surfacing	February - March 2021
Expected road re-opening	End of March 2021

Toutley Road	
Brief description of works	Estimated Timeline
Full road closure - Installation of drainage, kerbs, road surfacing and expected part road re-opening	March 2021 - November 2021
Installation of footbridge and flood prevention feature (culvert)	March - July 2021
Finishing works under traffic management and expected full road re-opening	December 2021
Final landscaping works	January - March 2022

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Winnersh Relief Road Phase 2 (Longdon Road to Reading Road)

Brief description of works	Estimated Timeline
Underground (utilities) surveys and earthworks	August - October 2020
Drainage	September - October 2020
Kerbs	November 2020
Surfacing	November - December 2020
Expected to open to traffic	End of December 2020

» Further extension to temporary working hours approved

A further extension to working hours on a temporary basis has been granted, subject to conditions listed below, by the Local Planning Authority to enable us to continue with essential earthworks.

- Hours extended from 7am to 7pm on weekdays and 8am - 1pm on Saturdays. No working on Sundays
- Normal site operations (including but not limited to piling, excavation, placing and compaction of fill) agreed between 8am and 6.30pm
- Three-month period (until 18th December 2020). Arrangement to be reviewed late November, if necessary
- Period between 7am and 8am limited to site access, briefings and induction, loading and unloading of deliveries, and refuelling of plant

To view the full list of latest Government advice and guidance relating to social distancing in the workplace can be downloaded via: <https://www.gov.uk/government/publications/guidance-to-employers-and-businesses-about-covid-19/guidance-for-employers-and-businesses-on-coronavirus-covid-19#good-practice-for-employers>

Daily public safety will remain a priority, as will access to the Emergency Services. Additionally, access for local residents will remain open at all times. As we draw closer to the winter months, we will be installing temporary lights for the safety of pedestrians. We apologise in advance for any inconvenience and kindly ask you to bear with us whilst these essential works are carried out.

Council relaunches traffic and travel social media to keep residents up to speed

Wokingham Borough Council's 'Traffic and Travel' social media accounts, dedicated to keeping residents up to speed with the roadworks around the borough that may affect their journey times, have been relaunched this month. You can follow the council's traffic and travel 'social pages by visiting www.facebook.com/WokinghamRoadWorks and www.twitter.com/TrafficAlert



Also, for more information on roadworks you can visit one.network, an online platform which provides the latest information about upcoming works.

CONTACT US

If you know of anyone in your local community who does not have access to the internet but would like to receive this e-newsletter, please let us know. Wokingham Borough Council, in partnership with Balfour Beatty have a dedicated project team should you have any questions or concerns. E-mail us at NWDR@balfourbeatty.com or telephone **0800 121 4444**.

For further information please visit: www.wokingham.gov.uk/roadworks-and-outdoor-maintenance/major-new-roads/