

## **A284 Lyminster Bypass (North) – March Progress Update**

Date: 08/04/2024

This is the latest monthly newsletter updating you on progress made in the construction of the Lyminster Bypass. We hope you find it useful, but please contact us if there is anything you would like more information on or would like to give us any feedback.

### **North of Ancient Hedgerow**

The deep soil mixing (improving the soil's weight bearing capacity through use of a cement-based additive) at the Northern end of our site is coming to an end. The ground is now very firm and is a great foundation for the road. The next stage of the job will be installing sheet piles. These are metal corrugated sheets which will prevent excess pressure on the culvert and will go either side of it. The culvert is prefabricated, so it will be lifted down into the designated area using a crane.

The previously constructed chalk embankment leading up to the culvert, the level of this has been checked and is around the current road height. Once all drainage is installed in this section, type 1 (limestone rocks varying in size) will be laid and then the tarmac will follow.



*Image 1 Northern soil mixed area.*



*Image 2 Chalk embankment.*

### **Ancient Hedgerow to Bridleway**

We have installed channel drains near the Pegasus crossing. These quickly take surface runoff from the road and have an outfall into manholes. Starting work on the link road (the connection between the new road and the existing road), we have stripped the soil to subgrade level (designed level of soil which lays beneath subbase). The next stage will be to put the subbase (type 1) onto the area, we put this layer on as it provides a stable foundation for the road.

The Narrow Filter Drains (NFDs) will then be cut into the 'road box' (shape of the road). NFDs provide drainage for surface and sub-surface water. Once these have been cut out and the stone has been replaced, then the link road will be ready to be surfaced with tarmac.



*Image 3 Link road.*



*Image 4 Channel drains.*

### **Bridleway to Black Ditch**

For the viaduct, we are nearing completion of the concrete pours. Pier 10 is one of the last piers that will get poured with concrete. The North abutment steel work is ongoing as it is being prepared for the concrete pour. Abutments are the concrete foundations at each end of the viaduct.



*Image 6 Pier 10 steelwork.*



*Image 7 North abutment.*

### South of Black Ditch

The final section of the South abutment will be poured with the final part of north abutment and the end spans, finishing off the concrete pours for the bridge. Once this has finished, the South abutment embankment will start to be built up with the soil. This soil will then be strengthened, using the same technique as the North end of our site, mixing cement into the ground.

Class 6N, a sandy mixture, will be placed next to the abutment and will taper out. This is used as a transition between the viaduct and the soil mixed ground, ensuring weight will be evenly spread.



*Image 8 Bridge deck.*



*Image 9 South abutment.*

### School visits

Our Public Liaison Officer, Shannon Acton-Brown, visited 2 secondary schools recently, to assist with academic events for the pupils.

On 27<sup>th</sup> February, she attended Worthing High School to help with mock interviews in aid of their annual "Big Interview Day" for year 10's. The mock interviews are very beneficial for many reasons - boosting confidence for leaving school, learning new interview skills, engagement tools and learning from their feedback.

On 13<sup>th</sup> March, she attended Chichester High School to participate in the full school career fair day. This event was for years 9,10,11,12 and 13, to gain knowledge of different industries and a chance to ask questions to employees.

For further information about the scheme please visit the Lyminster Bypass North page on West Sussex County Council's website:

<https://www.westsussex.gov.uk/roads-and-travel/roadworks-and-projects/road-projects/lyminster-bypass-north/>

Should you have any specific scheme enquiries, please contact [lyminsterbypass@jackson-civils.co.uk](mailto:lyminsterbypass@jackson-civils.co.uk)