

Bicester Bridges Scheme



Project Summary

Overview

The objective of this project was to increase the capacity and efficiency of the new A4095 link road by installing a new underbridge and cycle underpass within an embankment

Locations

- Bicester Underbridges

Services Undertaken

After completing the topographical survey this project was hit with delays due to the covid-19 pandemic however we managed to work remotely with the client and keep the design on track with the agreed project programme

Highly accurate traversing of the survey controls was undertaken prior to sliding the new bridges into position, as these were obviously a high risk activity

Both bridges were successfully built along side the existing railway tracks and slid into position during a 100hour blockade over Easter weekend 2021

Value Added by Novus Rail

Able to adapt to the issues raised by the Covid-19 pandemic. Remote working and social distancing was put in place to keep the business running as close to normal as possible. This project demonstrated our flexibility and efficiency

Key Project Specifics

- Topographical surveys
- Track condition examinations
- Track layout design
- Track level design
- 3D design strings
- Civil engineering design co-ordination
- Track construction detailing
- Structure gauging assessments
- Pre-installation traverse surveys
- Construction design (AFC)
- Ongoing support throughout the construction phase