

East-West-Railway Bletchley Flyover

In Bletchley, a district of Milton Keynes, which lies northwest of London, a new overpass was built on a railroad line within 100 days. The rapid construction was made possible by the use of precast concrete girders. These precast elements weighed up to 28 tons. The installation of these precast elements was realized in 36 hours with full closure of the east-west link. Due to the very complex planning phase and the associated adherence to schedules, the SCHREIBER production facilities were once again able to prove their capabilities.



After completion of the abutments and side walls, the precast elements were lifted into place on the first weekend in May 2021. Two 600-ton crawler cranes were used to lift the 103 precast elements weighing between 28 and 42 tons into position. Here, the girders were brought into position and installed over the 371 VS elastomeric bearings, 85 guide bearings (shear keys) as well as various pot bearings made of stainless steel from SCHREIBER. The entire bearing arrangement was designed for a service life of 50 years.

