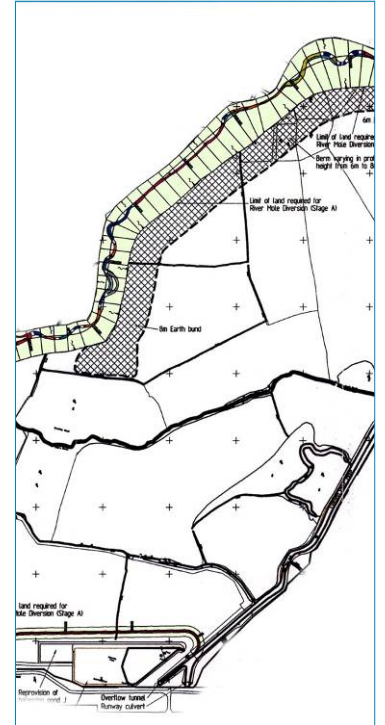




PROJECT PROFILE



River Mole Diversion, Gatwick

THE TASK:

The River Mole rises to the south-west of Crawley and flows generally northwards, skirting the town and crossing the BAA site at Gatwick. The course of the river has a history of being modified as part of the development of Gatwick Airport. In order to permit future development of Gatwick's North West Zone, BAA commissioned TPS to design a 1.9km diversion of the river through open countryside close to the airport boundary.

The project required a blend of skills covering hydraulic modelling, geotechnical engineering, landscape architecture and environmental engineering.

Operating within the over-riding constraints of flood defence and airport safety, the design incorporated Environmental Agency (EA) guidance on conservation and created a greater diversity of habitats and species than were present in the existing section of the River Mole.

The Environmental Agency's contribution was seen as essential to the success of the project, and the decision to include the EA on both the design and construction teams was instrumental in meeting the programme and project objectives.

CLIENT:

Gatwick Airport Ltd

SERVICES:

Design

VALUE:

£1.2m

TYPE:

Geotechnics