

A wide-angle photograph of a modern, white concrete viaduct for high-speed rail. The viaduct spans across a lush green landscape featuring a small stream, various trees, and fields of wildflowers. The sky is a clear blue with scattered white clouds. In the foreground, the branches of a tree with green leaves are visible on the left side.

SYSTRA WATER ORTON

Considering flood
management at HS2
viaduct.

SYSTRA specialises in guiding clients and partners through complex water and climate projects, safeguarding communities from floods and climate change impacts. Our expertise ensures efficient and sustainable water resource management.

WATER ORTON

SYSTRA created a 1D Hydraulic Model to assess floods and designed a watercourse realignment that improved the environment and managed flood risk.

- ✓ Hydrological Assessments
- ✓ Watercourse Realignment Design
- ✓ Flood Risk Management
- ✓ Environmental Modelling
- ✓ Collaborative Design -
Joint Venture with Mott Macdonald

[systra.com/uk](https://www.systra.com/uk)

Read more about our Water
& Climate solutions here:

