

Water and Environmental Services Project Sheet

Botany Marshes Reedbed Creation Project



The RSPB worked closely with the Environment Agency to create a 49ha wetland adjacent to Abbey Farm, near Snape in Suffolk, which forms part of a larger 70ha wetland ecosystem. The Marshes at Botany Farm Project are designed to create a suitable habitat for a suite of reedbed species, including Bittern and Marsh Harrier.

The wetland habitat has been created with the construction of earth embankments along the boundary with Abbey Farm reserve to maintain hydrological isolation. Water level in the new wetland is controlled by dropboard sluices set in the riverside boundary spillway embankments.

A number of existing and historical features were investigated during excavation in the flood plain to create open water and optimum Bittern feeding edge.

Stirling Maynard were appointed to provide civil engineering design and project management services for the scheme which involved the design and construction of over 330 metres of embankment, two water control sluices, culverts, overflow spillways, numerous shallow scrapes and watercourse improvements.

Duties undertaken by Stirling Maynard included:

- Civil Engineering Design and Project Management
- Value Engineering proposals and re-design
- Preparation of NEC Contract and Specifications
- Interview and Award Construction Contractor
- Contract Administration
- Site Supervision
- CDM Coordinator



Client:

Royal Society for the Protection of Birds

Structural Engineers:

Stirling Maynard

Total Project Value:

£400K (est)

