

## Reconstruction of Backwater (Golfers) Bridge

The project involved the reconstruction of an old timber bridge which was suffering as a result of rotting of the glulam main girders. The opportunity was taken to widen the bridge to enable the Trust to take 4x4 vehicles and similar across the bridge. The foundations of the existing bridge were not wide enough or capable of sustaining the additional load so new foundations were constructed to accommodate the increased load and the new, wider bridge structure.

The works had to be carried out in a sensitive area of the Nene Park where access was difficult, and the design had to recognise this such that components were designed so that small plant could be utilised to construct the new bridge.



*Client:* **Nene Park Trust**

*Structural Engineers:* **Stirling Maynard**

*Contractors:* **Breheny / CTS**

*Total Project Value:* **£90,000**



### Duties undertaken by Stirling Maynard included:

- Feasibility design
- Site investigation
- Detailed design of foundations
- Review of contractor's superstructure design
- Preparation of contract documentation
- Management of construction contracts
- Site Supervision
- CDM Coordinator role

