

## Ornithological Work:

### Case study: A1073 proposed re-routing, Lincolnshire and Cambridgeshire

- This project involved the proposed construction of a new route for the A1073 from Spalding in Lincolnshire to Eye Green in Cambridgeshire.
  - MKA Ecology were commissioned by Babbie, Brown and Root to undertake pre-construction breeding bird surveys along the existing road.
  - During the course of the survey, barn owls were found to be breeding at a high density in the vicinity of the proposed development.
  - Further targeted surveys were undertaken to establish patterns of barn owl behaviour along the proposed development route.
  - Barn owls were recorded crossing the existing road close to the position of the proposed new route.
- MKA Ecology proposed mitigation measures aimed at reducing potential barn owl mortality.
  - The mitigation strategy included a pioneering engineering design, consisting of raised bunds and strategic planting at known crossing points.
  - MKA Ecology is undertaking continued barn owl monitoring at the site.
  - In addition to the ornithological assessment surveys, MKA Ecology undertook water vole, badger and bat surveys using multi-disciplined ecologists throughout the development corridor.

### MKA Ecology Consultant Ecologists

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