



# Case Study



## OAKINGTON STATION, CAMBRIDGESHIRE

**Client:** Cambridgeshire County Council    **Consultant:** Atkins

**Main Contractor:** May Gurney

**Approved Installer:** [Topbond Plc](#)

### PROJECT SPECIFICATION

Excavated ground forming part of a bridge reconstruction project was replaced once the parapets had been cast in place, using a combination of backfill and bag work. Erosion protection measures with a degree of slope stabilisation were required to protect the finished bank.

### SOLUTION

Earth anchors were specified in conjunction with Maccaferri MacMatR to provide an easily installed erosion protection scheme. The ground type encountered at the site was particularly suited to a mechanical anchor, providing a large anchoring force from a relatively small anchor and allowing the use of hand held installation equipment.

**Anchor System:** S06EB aluminium bronze anchor c/w 4m of 6mm Ø stainless steel wire tendon, 150mm x 150mm stainless steel load plate, 6mm stainless steel wedge grip and cover.

**Quantity:** 48

**Anchor Design Life:** 120yrs

**Soil Type:** Sandy

