

# Case Study

## DUKE OF NORTHUMBERLAND'S RIVER

**Client:** Environment Agency  
**Approved Installer:** [Topbond Plc](#)



### PROJECT SPECIFICATION

As part of a scheme to improve pedestrian safety alongside the Duke of Northumberland's River in South West London, steel fencing panels were proposed at locations adjacent to bridges where the risk of a fall from height was considered unacceptable. Anchors were required to reduce the overturning movement on the fence foundations, allowing a smaller foundation to be specified.

### SOLUTION

Following site testing at various locations alongside the river, it was determined that the S08 anchor would provide sufficient restraining force in the sand and gravel encountered. Once the anchors were loadlocked, the tendon was attached to the fence stanchion using wire rope grips and the concrete of the foundation poured.

**Anchor System:** S08EB aluminium bronze anchor c/w 4m of 8mm Ø stainless steel wire tendon and three wire rope grips.

**Quantity:** 57    **Anchor Design Life:** 120 yrs    **Soil Type:** Sand/gravel



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