

Case Study

WICKHAM MARKET BRIDGE, SUFFOLK

Client: Suffolk County Council

Main Contractor: May Gurney

Approved Installer: [Topbond Plc](#)

PROJECT SPECIFICATION

As part of a refurbishment project, the bridge carrying the B1078 over the railway line at Wickham Market Station had its deck replaced. A prop force was needed to stabilise the abutments in the temporary condition while the old deck was demolished and a degree of stabilisation was required for the abutments once the new deck was in position, whilst causing minimal disruption to the running of the railway.

SOLUTION

Stealth S08 anchors were utilised, as their small profile meant that they could be installed using hand held equipment prior to demolition of the deck. IP1 inverted patress plates were used to transfer the load to the abutments and provide an aesthetically pleasing finish.

Anchor System: S08EB aluminium bronze anchor c/w 8m of 12mm Ø stainless steel wire tendon, 250mm Ø aluminium bronze inverted patress plate and 12mm stainless steel wedge grip.

Quantity: 36

Anchor Design Life: 120 yrs

