

CASE STUDY: COASTAL SWING BRIDGE**LOCATION:** NORTH YORKSHIRE UK**MARKET:** BRIDGES**REQUIREMENT:**

Refurbishment of the Swing Bridge over river in a coastal environment. Customer wanted long term protection without interfering with day-to-day traffic both on the road over the bridge and on the river under the bridge. The swing bridge was to remain fully functional. The structure was corroding with particular problems on bolt heads and edges.

SURFACE PREPARATION:

The structure was manually prepared to St2 standard of EN ISO 8501-1:2007 followed hydrojetting to remove salt contamination. The surface was allowed to dry before coating.

COATINGS:

A patch prime and full coat of Corroless EPF were followed by two full coats of Corroless RF65.

PRODUCT:

	DFT (per coat)
Corroless EPF Black (Patch)	200 microns
Corroless EPF Buff	200 microns
Corroless RF65 Red	50 microns
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COMMENTS:

This work was carried out and inspected 11 years later and was found to be very good condition with no further inspection intended for a further 4 to 5 years. The previous system had lasted for only 7 years.

