

Asset Description: (details of form, location, environment, problems which need addressing, any relevant background e.g. access)

Single span simply supported deck (clear square span 8.2m). The deck comprises seven concrete encased rolled steel girders with pre-cast concrete jack arches spanning between them. The bridge carries an unclassified road over the former Peterborough to Great Yarmouth line at OS ref TF703238, near to the village of Congham, Norfolk

The former trackbed has shown signs of fly-tipping, vagrancy and fires in the past (as well as the abutments being used for graffiti).

The structure is a BE4 and BD21 pass (2005).

This is predominantly a maintenance/durability driven scheme. The abutment returns are fracturing and spalling heavily due to, what appears to be, the deck and abutments acting as an integral deck. The main girders sit on transverse girders that run along the tops of the abutments, so localised bearing shelf failure is a relatively low worry. A scheme was initially considered to chase out the joints locally and form a movement joint before repairing the failed brick/masonry. However, the concrete around the encased beams is in a very poor condition and likely to start spalling relatively soon, the abutments spall regularly and there is known vandalism. As such, although there are cheaper short term options, infilling would appear to be the more robust and better value long term solution.

Current Priority Ranking: (add any other relevant information which supports the case for the Proposal in the blank row).

Priority	3	Condition	Poor
		Consequence of Failure	Death
Score	36	Serviceability	Fit for purpose
		Vandalism/Trespass	Minor roads

Engineers Estimate: (estimate of overall project costs)

	Latest Estimate	Previously Approved Cost	Change Requested
Feasibility			
SI	£10,000		
Design & Contract Docs	£15,000		
Site Works	£130,000		
Site Supervision	£10,000		