## ... or a Rennie original?

From: R A Paxton (M), ICE Panel for Historical Engineering Works, 49 Bonaly Crescent, Edinburgh.

Sir, — I confirm Nancy Richie Noakes's comment that Liverpool docks' iron turnbridge (NCE 15 March) was based on John Rennie's original design.

Rennie's design for the bridge illustrates an earlier version of the

Liverpool bridge method of rib load transference, that is, to a radially orientated bevel on the local coping. This arrangement can be seen in the old turnbridge at Leith over the 1806 Rennie dock entrance lock. The Leith bridge which is at least 130 years old and similar to Rennie's design was economically and tastefully restored in 1981.

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