

|Rennie's Scottish Projects. His early work included: mills and millwork (green) canals, harbours water supply (blue) roads, bridges, railway (red)

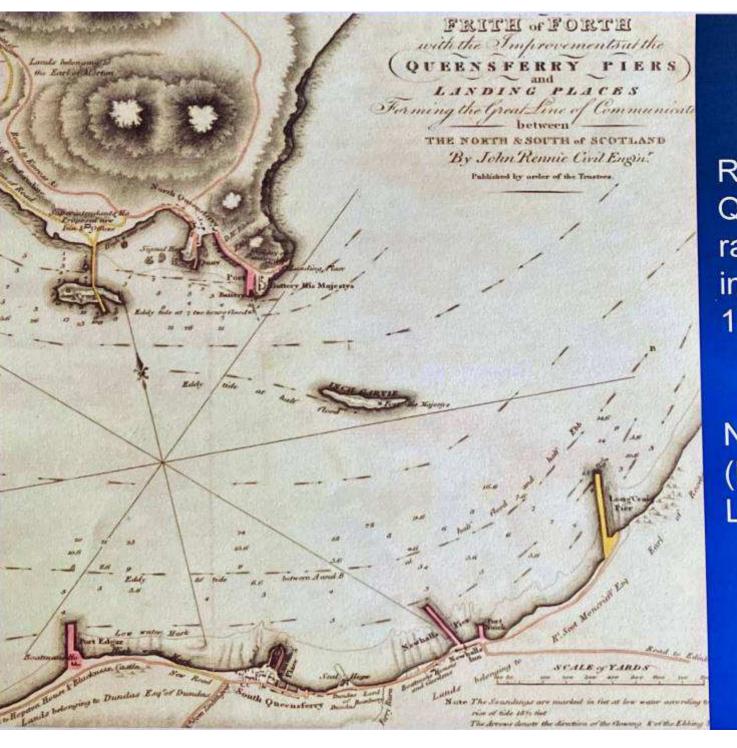
toRocadale. I am how on hyway to morrang Doch Grinan Ho Lock Gilp two anni of the Lea - for Ochelle of Large Buther - Shall he at boverary for a fortnight to love. When any atten addrepted to the Part Office will find hefrom morning Iso by the Posts of Tobermory in In the of mule to Maport L then towick in barthnes to Jury the differents Harbours at the War & about the byinning of august heats

Rennie letter re. Rochdale Canal in July 1792. Busy life – Crinan Canal survey – Inveraray, Tobermory, Ullapool, Wick, & Inverness Harbours



9-mile Crinan Ship Canal, Crinan 1794-1809 & Lune Aqueduct on 76-mile Lancaster Canal (nr. Wigan-Kendal) 1793-98





Rennie's Queensferry ramped pier improvements 1808-17.

Note Hawes (Newhalls) and Longcraig piers intendant, that during the year ending 15th May 1811 there crossed at the Queen's-ferry Two HUNDRED AND TWENTY-EIGHT persons every day throughout the year. And on some days so many as FOUR HUNDRED AND FORTY-SEVEN were ferried over. There passed during the same year

- 1515
- 4254
- 13,154
- 18,057
- 25,151
- 5,520
- 2,615

by far the greater part of which travelled along the Great North Road. The value of the goods intended for fale amounting to near 400,000l., making a total of infurable property conveyed by this communication of about 900,000l.

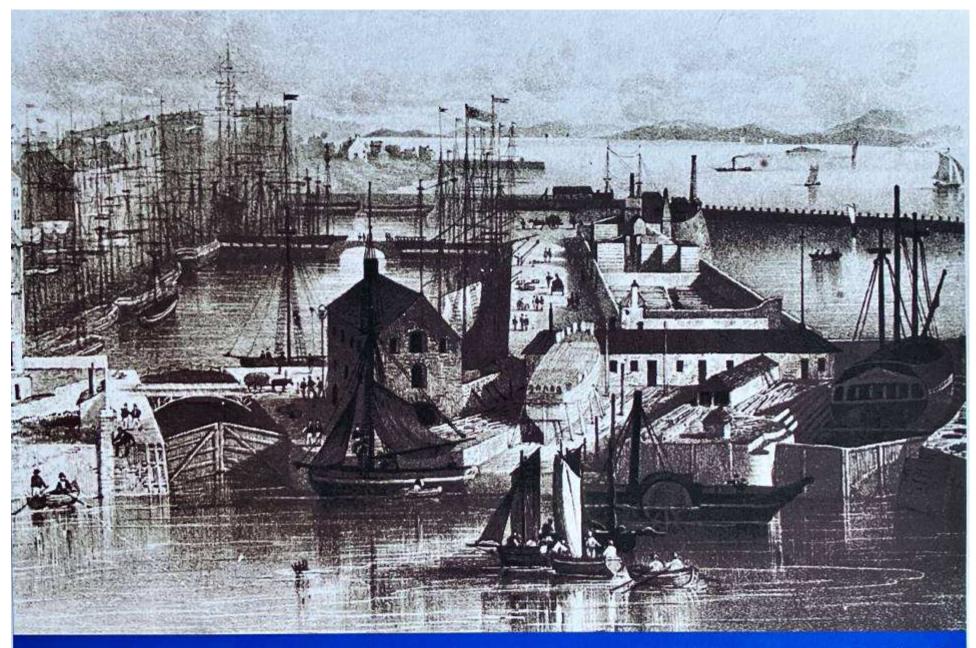
Queensferry patronage in 1811 from Rennie's report



Hawes Pier, Queensferry in 2008

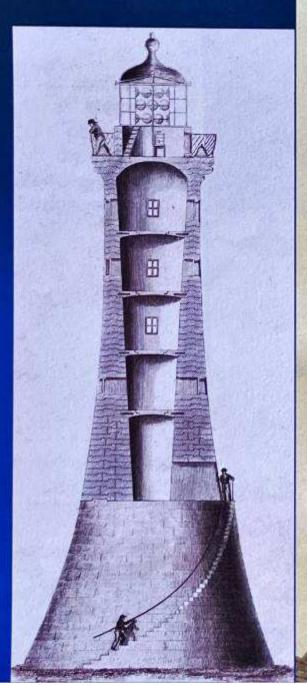


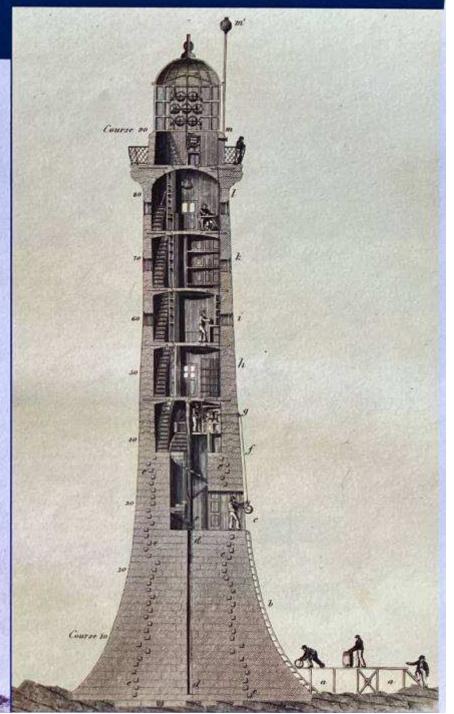
Leith docks entrance lock as preserved in 2010

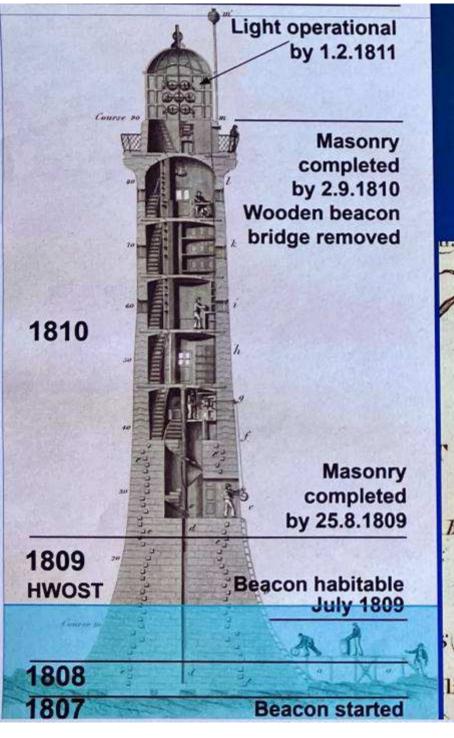


Leith docks in 1838 – note Rennie's entrance lock and docks (left) and dry dock (right)

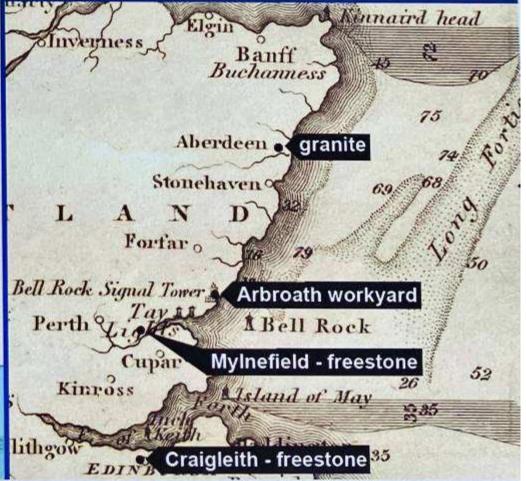
Bell Rock Lighthouse -Stevenson's design (left) 1800-06 and as-built under Rennie as Chief Engineer 1807-10 (right)

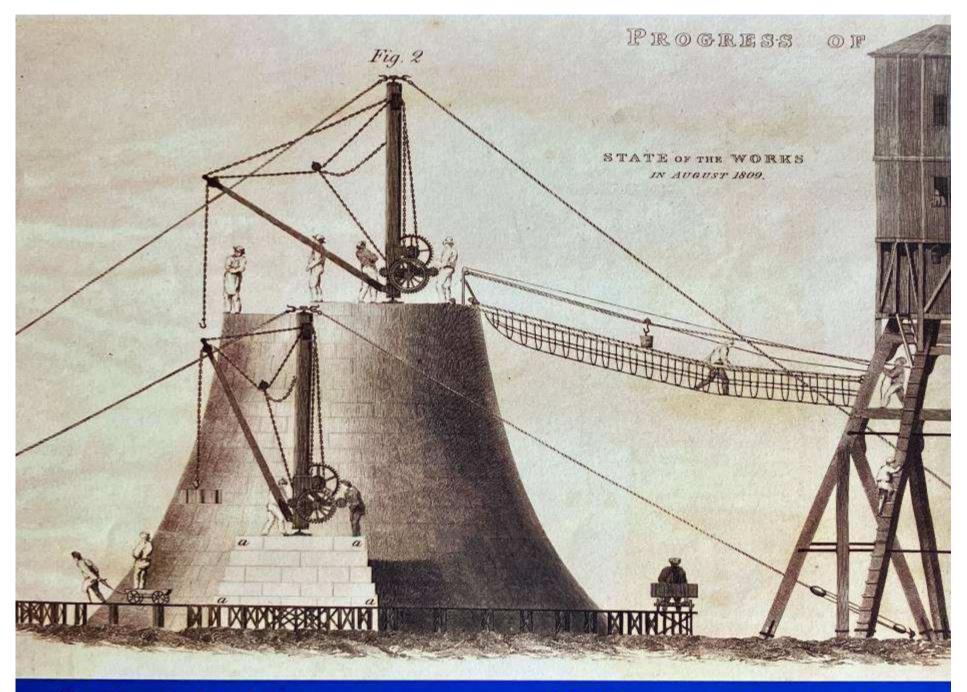




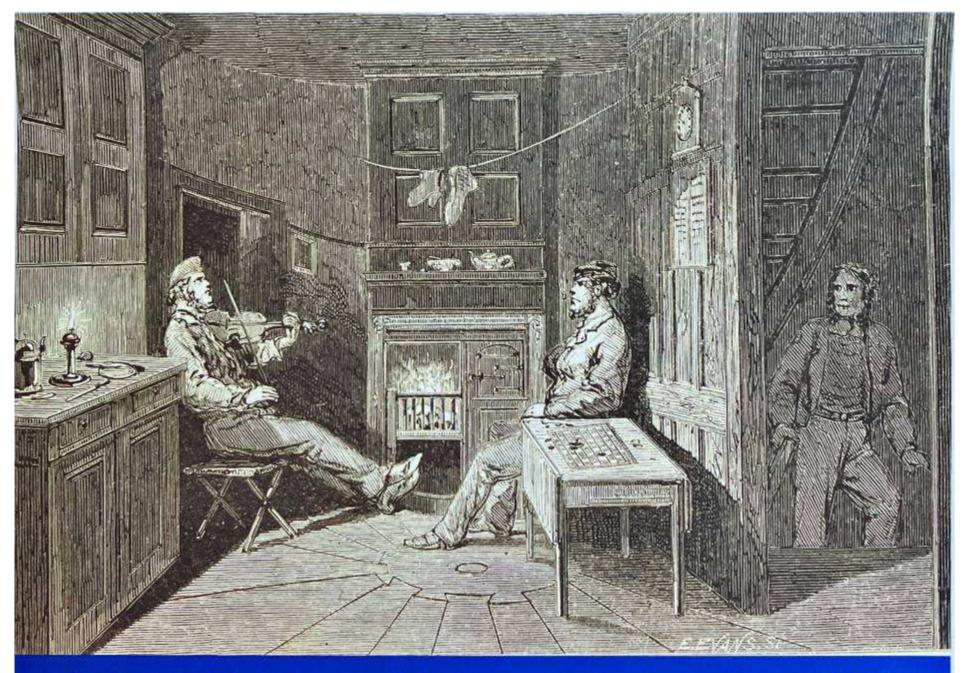


Bell Rock Lighthouse as erected 1807-11. Slow progress until beacon built alongside, then completion of masonry in 13 months

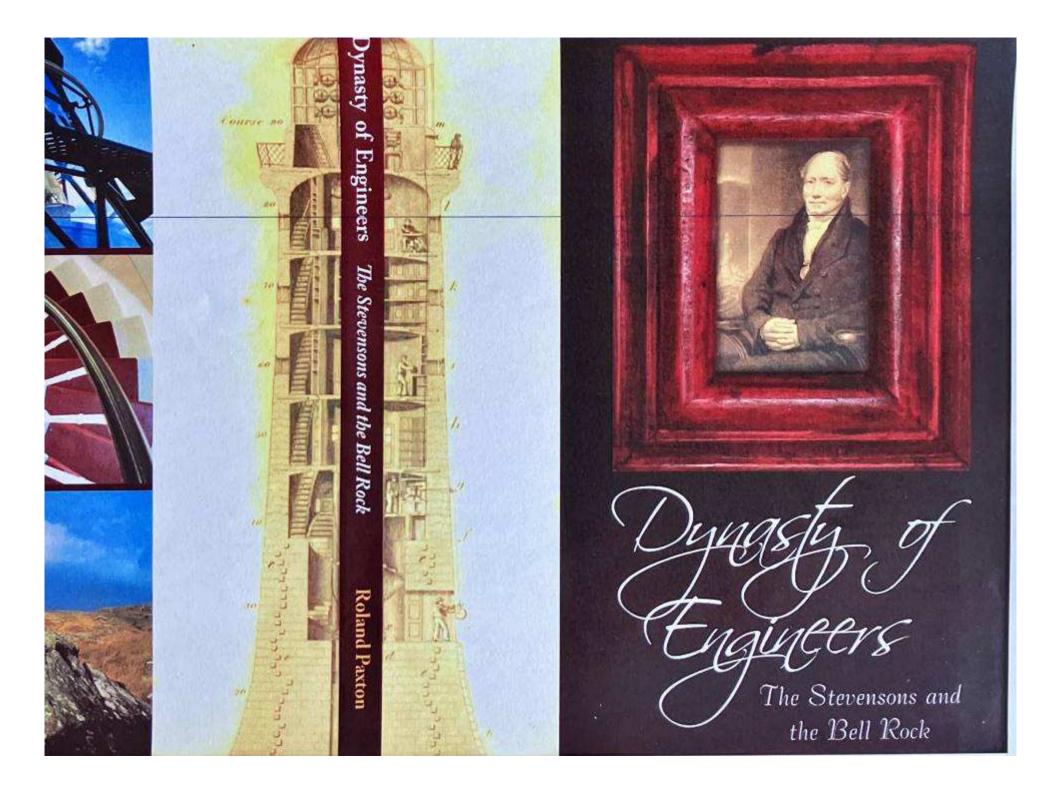


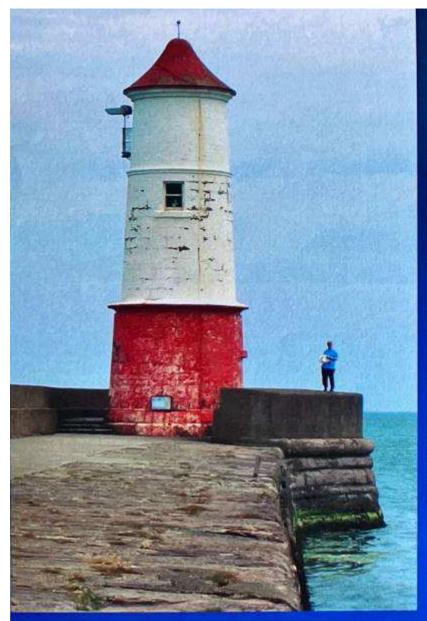


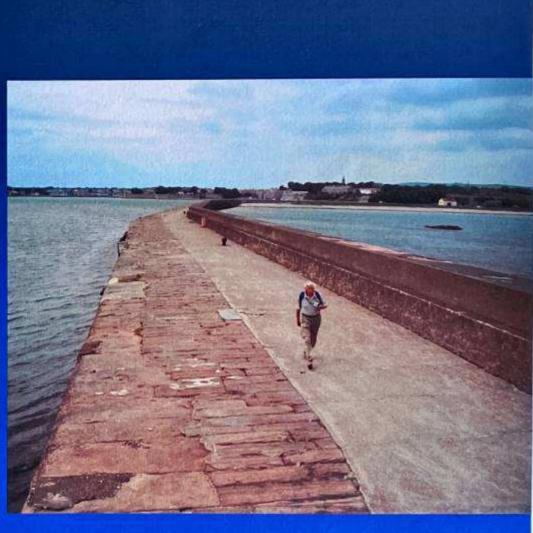
Bellrock Lighthouse progress 1809 – note innovation



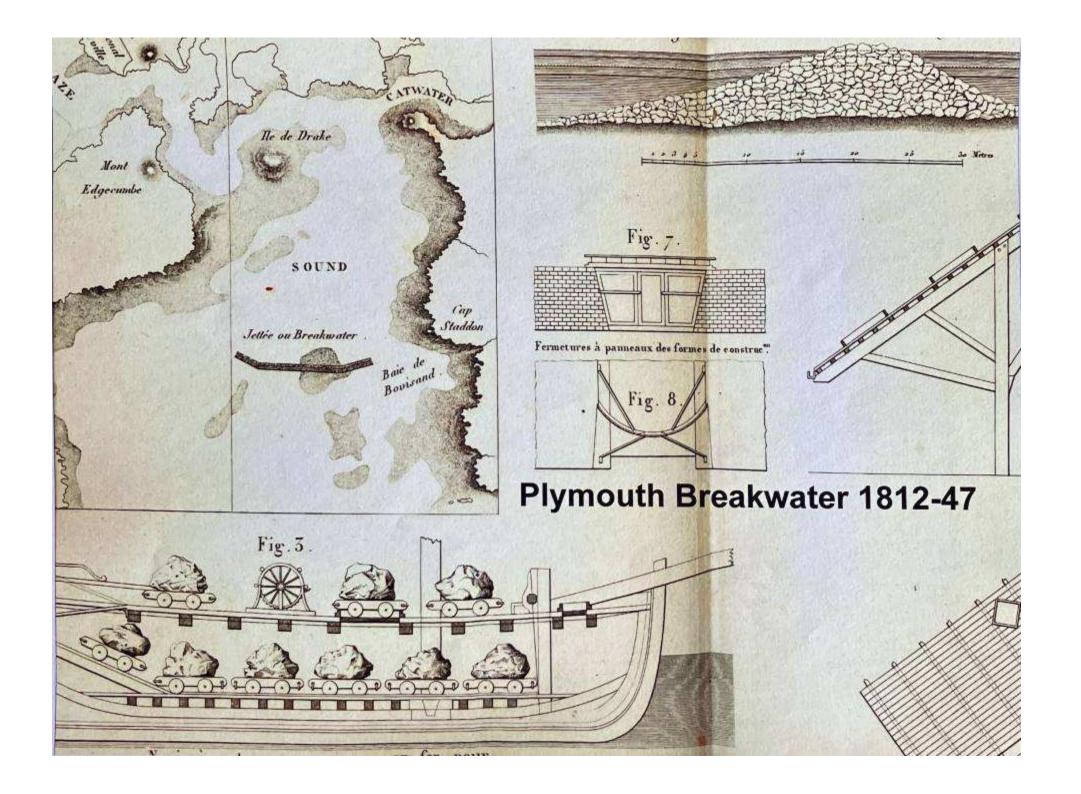
Bellrock Lighthouse kitchen – note floor dovetailing

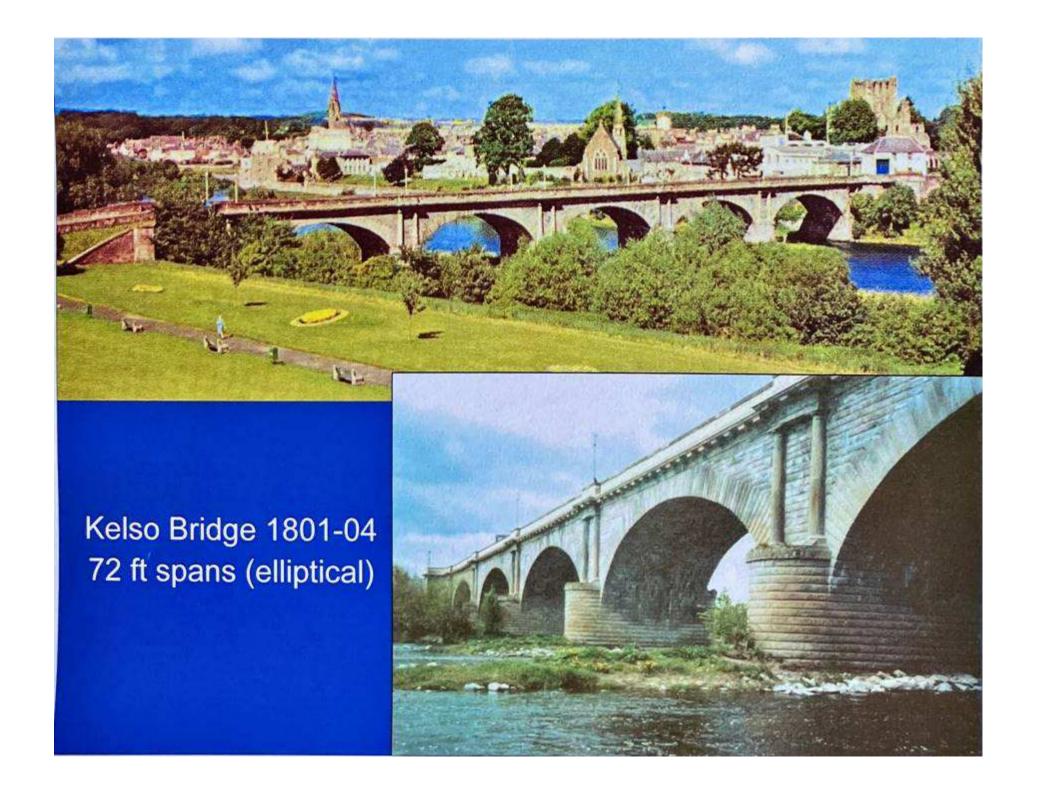


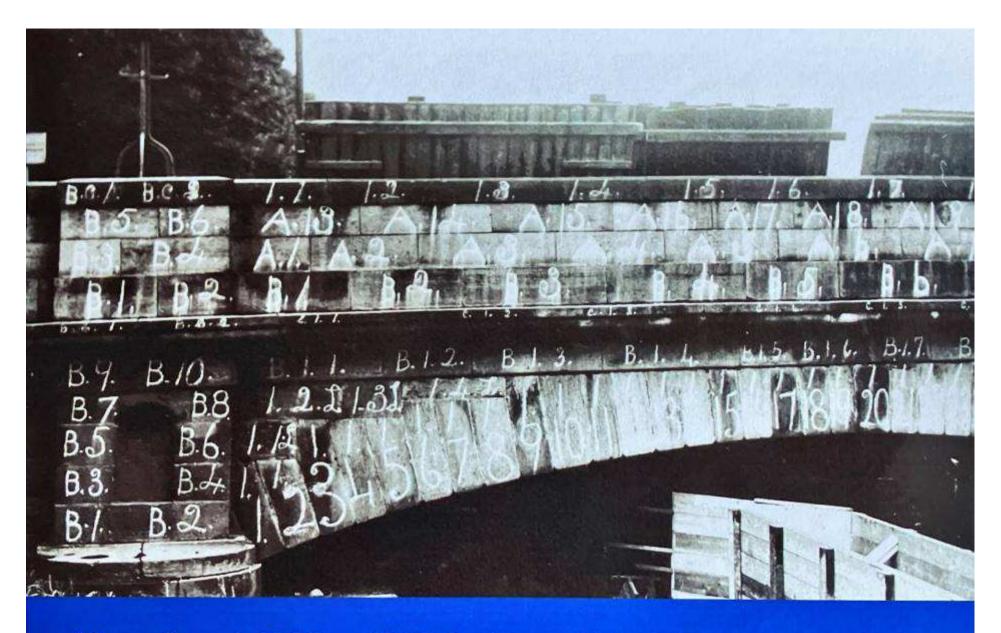




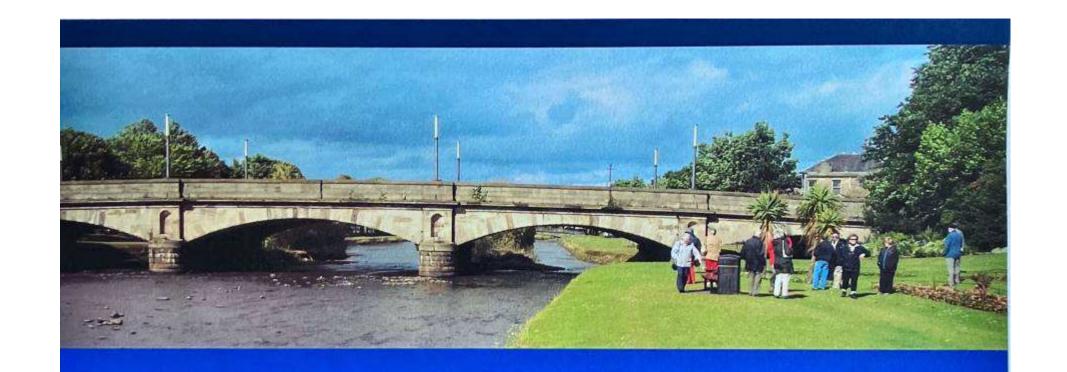
Rennie's Berwick Pier and lighthouse 1808-24. About 30 ft Wide and 2000 ft long cost £63,000 – still in service



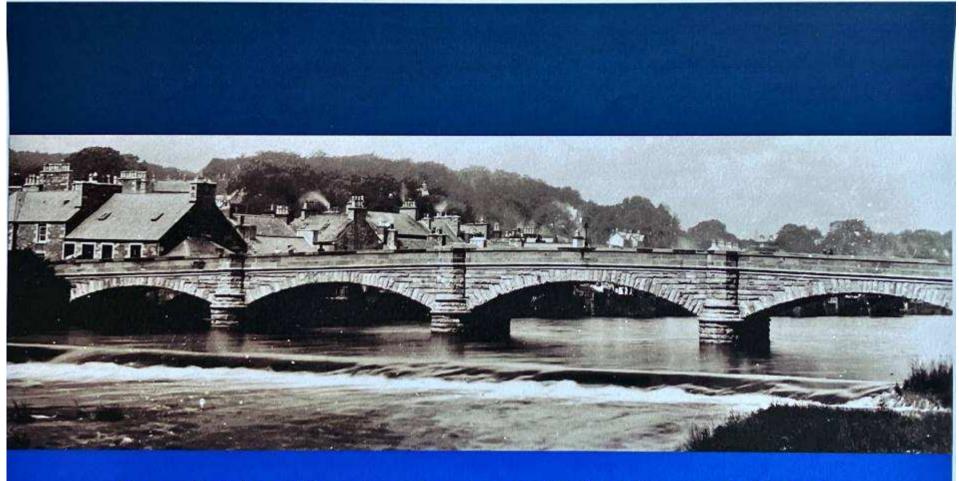




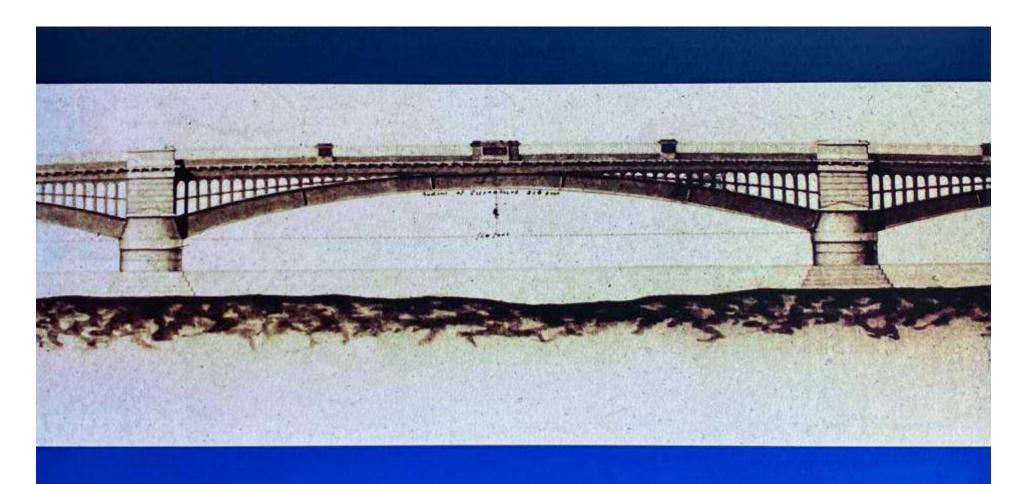
Musselburgh Bridge 1806-8 widened in 1925 on downstream side by Blyth & Blyth, Edinburgh



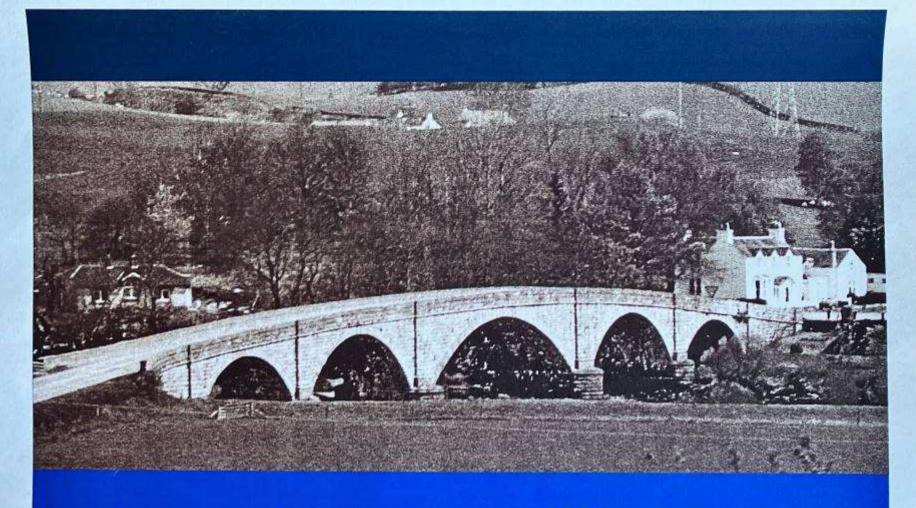
Musselburgh Bridge 1806-8 in 2010



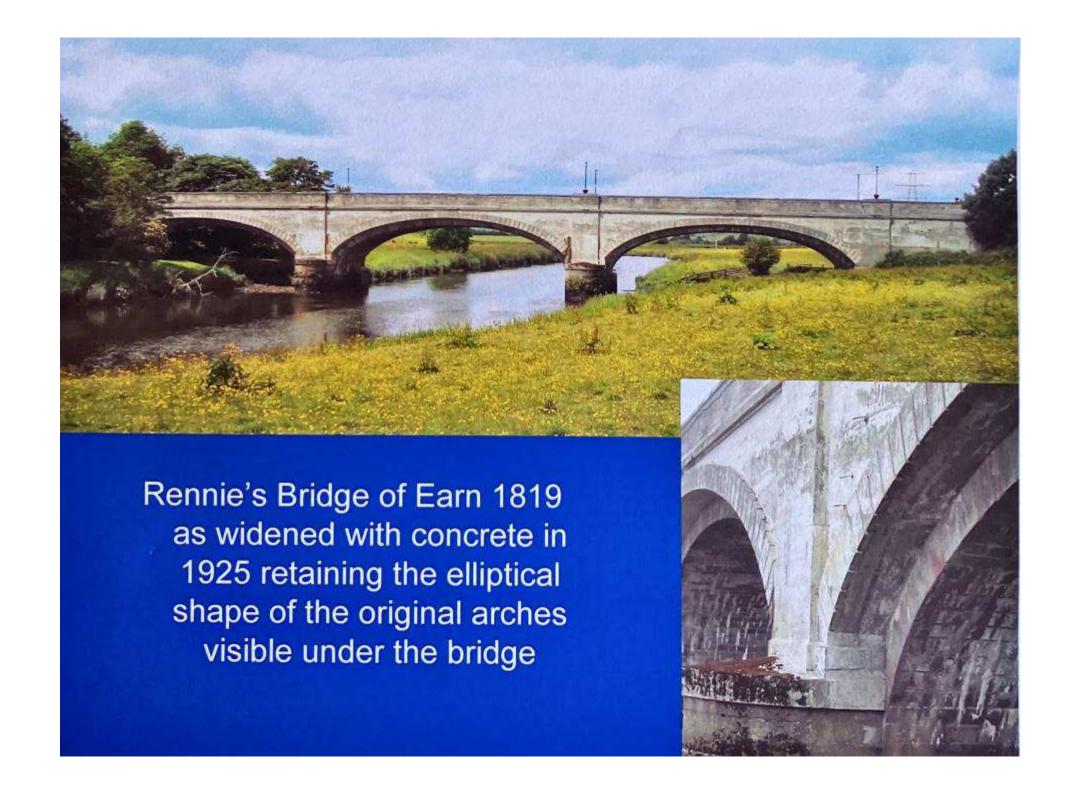
Cree Bridge, Newton Stewart 1812-14 - cost £8234

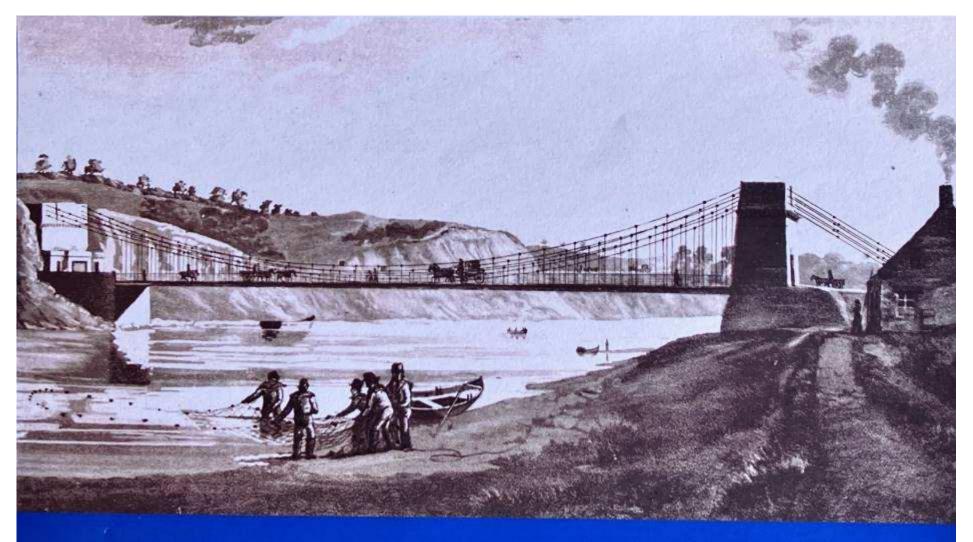


Glasgow, R. Clyde, Hutcheson Bridge Proposal 1815 (120 ft – 140 ft- 120 ft spans: ribs 48-66 ins deep)

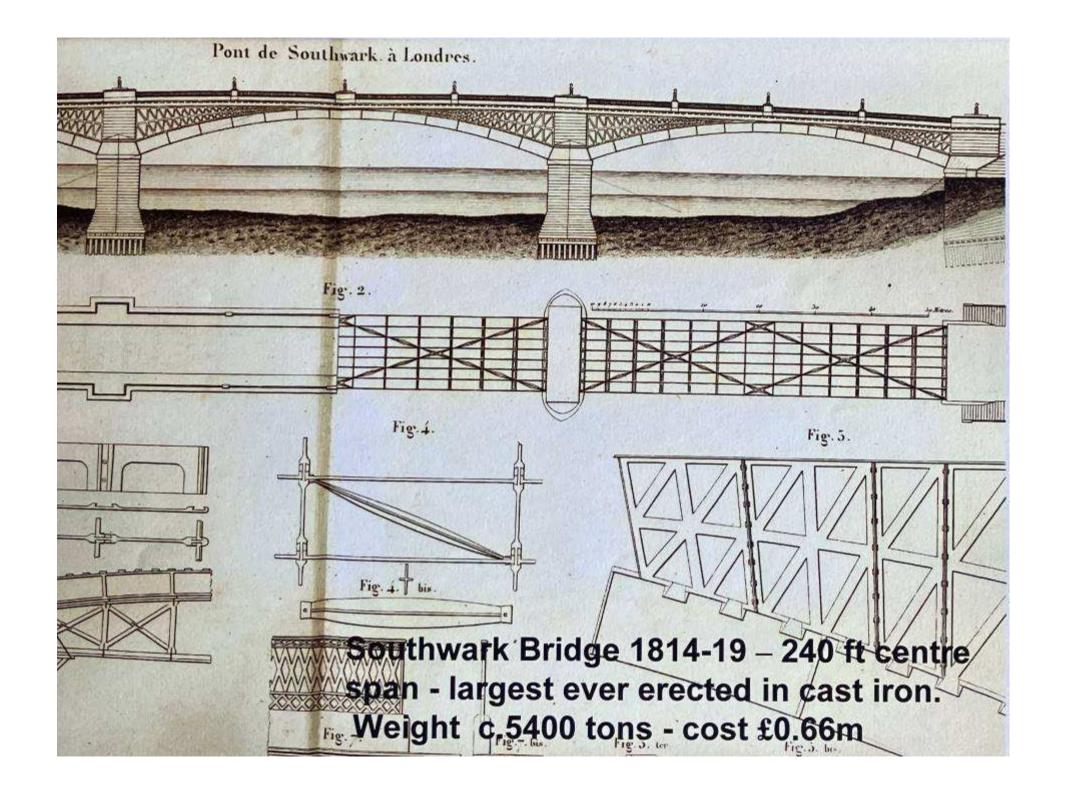


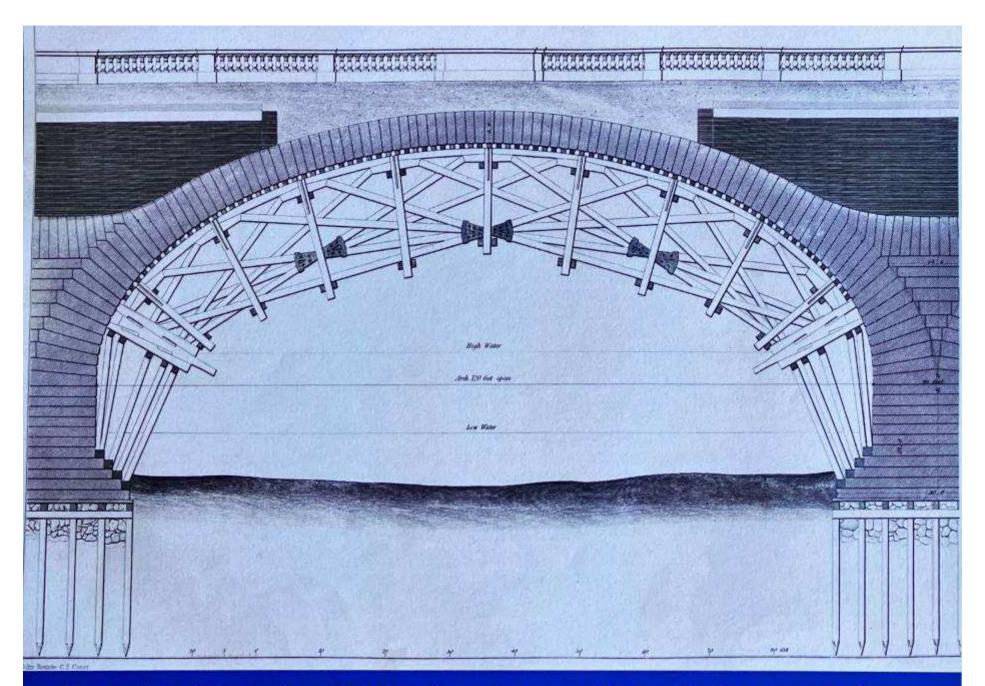
Ken Bridge, New Galloway (90ft. max) 1820-24. Extensive water - way as earlier bridges destroyed by floods in 1806 and 1815



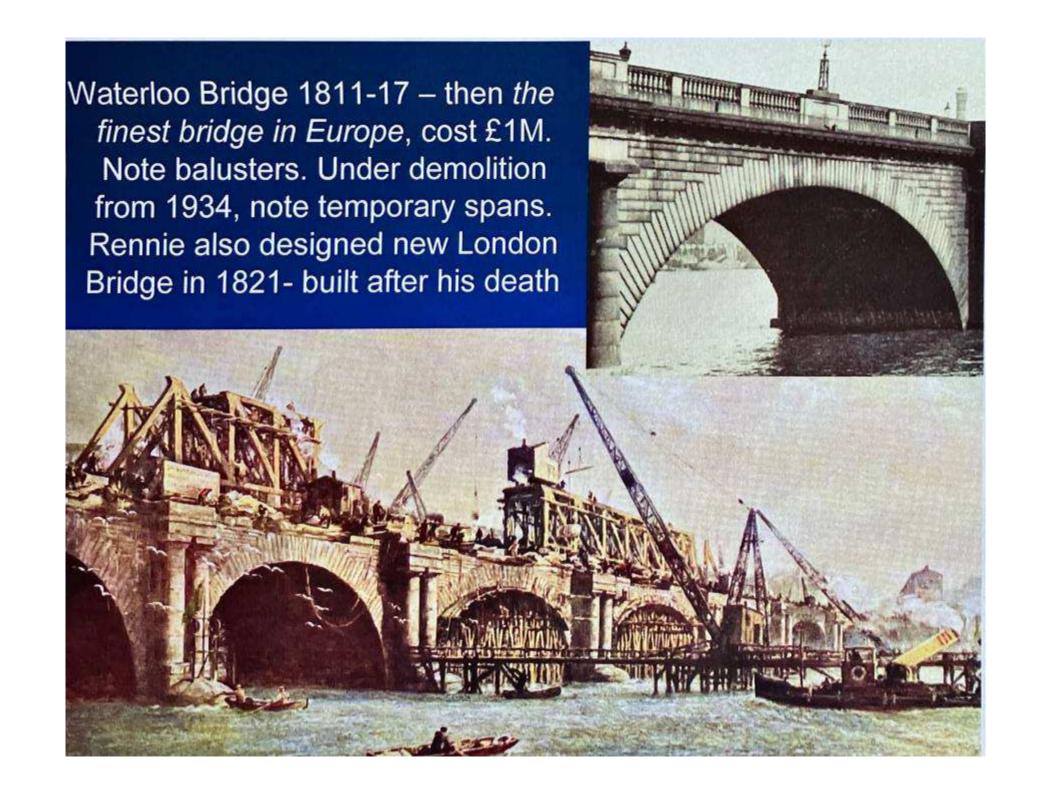


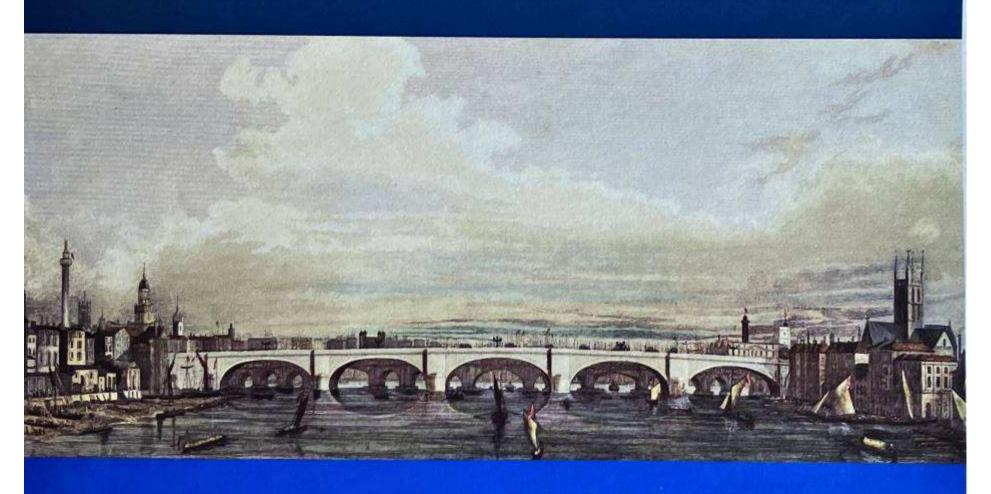
Union Bridge, Paxton 1819-20. Rennie advised on the strengthening of the tower and abutment. Capt. Brown, Engineer The world's oldest suspension bridge still carrying vehicles



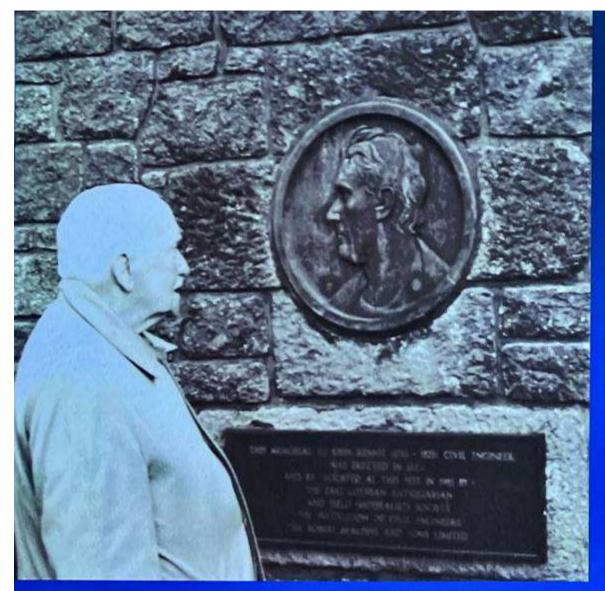


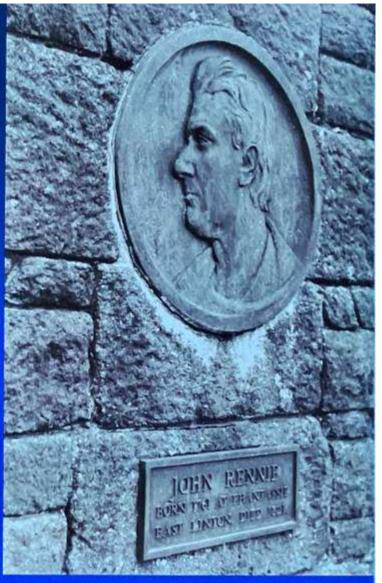
Rennie's Waterloo Bridge London - with its timber centering





London Bridge opened 1831 cost £2.5m. 150 ft span arches. Sold in 1968 for \$2.5m now at Lake Havasu City in Arizona





Rennie Memorial, East Linton, including Waterloo Bridge baluster (not seen) and James Rennie, at its relocation at Phantassie in 1981 (left). 1936 memorial on bypass (right)