

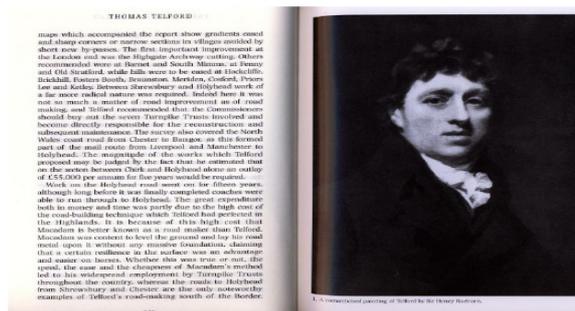
# University of Strathclyde Engineering

## Department of Civil Engineering Book Club

### Suggested Reading List

*No matter how busy he might be  
he never afterwards denied himself  
the solace of books*

*(Rolt 2007; 7 referring to Telford's second love)*



<b>General Construction Industry / Civil Engineering Books</b>			
<b>Author / Editor</b>	<b>Year</b>	<b>Title</b>	<b>Publisher</b>
David Muir Wood	2012	Civil Engineering: A Very Short Introduction	OUP Oxford
Alexander J. Hahn	2012	Mathematical Excursions to the World's Great Buildings	Princeton University Press
Watson, Gareth	1988	The Civils: The Story of the Institution of Civil Engineers	Thomas Telford Ltd
Andrew Saint	2008	Architect and Engineer: A Study in Sibling Rivalry	Yale University Press
Ferguson, Hugh & Chrimes, Mike	2013	The Contractors	ICE Publishing
Ferguson, Hugh & Chrimes, Mike	2011	The Civil Engineers: The Story of the Institution of Civil Engineers and the People Who Made It (Engineering History) [Illustrated] [Hardcover]	ICE Publishing
ICE	1995	From Kendal's Coffee House to Great George Street	Institution of Civil Engineers
Watson, David	1989	The Smeatonians: The Society of Civil Engineers	Thomas Telford
Cadbury, Deborah	2004	Seven Wonders of the Industrial World	Harper Perennial
Powell, Kenneth	2011	The Great Builders	Thames & Hudson
Marshall, Bruce	2009	Building Paris: Creating the World's Most Beautiful Capital City	Endeavour
Rolt, L.T.C	2010	Victorian Engineering	The History Press
Blockley, David	2010	Bridges: the science and art of the world's most inspiring structures	Oxford University Press
Levy & Salvadori	2002	Why Buildings fall Down	W. W. Norton & Co.

Salvador , M	2002	Why Buildings Stand Up	W. W. Norton & Co.
Bryant, Barbara	1996	Twyford Down, Roads campaigning and environmental law	E&FN Spon
Doran, D	1999	Eminent Civil Engineers: Their 20 <sup>th</sup> Century Life & Times	Whittles Publishing
Burton, Anthony	2005	The Canal Builders	The History Press Ltd; Rev. Ed edition
Morrison-Low, A.D	2010	Northern Lights: The Age of Scottish Lighthouses	NMS Enterprises Ltd
L.Sprague de Camp	1974	The Ancient Engineers	Ballantie Books
Milne, R.J.W	1997	Structural Engineering: History and Development	Taylor & Francis
Howie, W & Chrimes, M	1987	Thames Tunnel to Channel Tunnel: 150 Years of Civil Engineering	Thomas Telford Ltd;
Miller, Jim	2007	The Dam Builders: Power from the Glens	Birlinn Ltd
Campbell, Patrick	2004	Tunnel Tigers: A First-hand Account of a Hydro Boy in the Highlands	Luath Press Ltd
Wood, Emma	2004	The Hydro Boys: Pioneers of Renewable Energy	Luath Press Ltd
Cowley, Ultan	2005	Men Who Built Britain	Merlin Publishing
McCorquodale, Duncan	2008	Solutions for a Modern City: Arup in Beijing	Black Dog Publishing
Sweet, Rod (Edit)	2009	Building Modern China	CIOB Construction Books Direct
Bishop, Peter	2008	Bridge	Reaktion Books
Turpin, Trevor	2008	Dam	Reaktion Books

Binnie, Geoffery		Early Victorian Water Engineers	Thomas Telford Ltd; 1st Edition edition
McCully, Patrick	2001	Silenced Rivers: The Ecology and Politics of Large Dams	Zed Books Ltd

<b>Biographical Books</b>			
<b>Author / Editor</b>	<b>Year</b>	<b>Title</b>	<b>Publisher</b>
Bella Bathurst	2005	The Lighthouse Stevensons	Perennial
Paxton, Roland	2011	Dynasty of Engineers: the Stevensons & the Bell Rock	The Northern Lighthouse Heritage Trust
Smiles, Samuel	2006	Lives of the Engineers (Abridged Version)	Folio Society
Brindle, Steven	2006	Brunel: The Man Who Built the World	Phoenix Press
Kelly, A and Kelly, M	2006	Brunel: In Love with the Impossible	Bristol Cultural Development Partnership
Byrne, Eugene & Gurr, Simon	2006	Isambard Kingdom Brunel - A Graphic Biography [Paperback]	Brunel 200
Clements, Paul	2006	Marc Isambard Brunel	Phillimore & Co Ltd; First Edition edition
Jones, P	2006	Over Arup: Mastrebuilder of the twentieth Century	Yale University Press
Rolt, L.T.C	2007	Thomas Telford	Sutton Publishing
Sudjic, D	2010	Norman Foster: A Life in Architecture: The Authorised Biography	W&N
Harvie, D	2004	Eiffel: The Genius Who Reinvented Himself [Hardcover]	The History Press Ltd

Corble, Nick	2005	James Brindley; the First Canal Builder	The History Press LTD
John Rapley	2006	Thomas Bouch: The Builder of the Tay Bridge	The History Press LTD
A W Skempton	1991	John Smeaton FRS	ICE Bookshop
Davies, Hunter	2004	George Stephenson - The Remarkable Life of the Founder of the Railways	The History Press Ltd Amazon
Ross, David	2010	George and Robert Stephenson: A Passion for Success	The History Press Ltd Amazon
Leslie, Jean and Paxton, Roland	1999	Bright Lights, The Stevenson Engineers 1752-1971	ICE Book shop
Richardson Christine	2004	James Brindley: Canal Pioneer	Waterways World Ltd
James, Ioan	2010	Remarkable Engineers: From Riquet to Shannon	Cambridge University Press
Jenks, C	2005	Iconic Building: The Power of Enigma	Frances Lincoln

<b>Books on Specific Projects</b>			
<b>Author / Editor</b>	<b>Year</b>	<b>Title</b>	<b>Publisher</b>
Darcy Grimaldo Grigsby	2012	Colossal: Engineering the Suez Canal, Statue of Liberty, Eiffel Tower and Panama Canal	Periscope Publishing
Mathewson, Andrew et al	2006	The Brunels' Tunnel	The Brunel Museum
Andy Scott	2014	The Kelpies: Making the World's Largest Equine Sculptures Hardcover	Freight Books
Powell, Kenneth	2006	30 St Mary Axe: A Tower for London [Hardcover]	Merrell Publishers Ltd
Pearman, Hugh	2003	The Architecture of Eden	Eden Project Books;

Merriman, Peter	2007	Driving Spaces (M1 Motorway)	Blackwell Publishing
Peter R Lewis	2004	Beautiful Railway Bridge of the Silvery Tay: Reinvestigating the Tay Bridge Disaster of 1879	The History Press
Gren, Andre	2006	The Bridge is Down: Dramatic Eye- witness Accounts of the Tay Bridge Disaster: The Tay Bridge Disaster of 1879 as Reported in Transcripts of the Public Enquiry	Silver Link Publishing Ltd
Mckean, Charles	2007	Battle for the North: The Tay and Forth Bridges and the 19th-Century Railway Wars: The Building of the Tay and Forth Bridges and the 19th Century Railway Wars"	Granta
Wills, Elspeth	2009	The Briggers: The Story of the Men Who Built the Forth Bridge	Birlinn Ltd
Righter, Robert	2006	The Battle over Hetch Hetchy: America's Most Controversial Dam and the Birth of Modern Environmentalism (Paperback)	OUP USA
Carson, W.H	1981	The Dam Builders. The Story of the Men Who Built the Silent Valley Reservoir. [Hardcover]	Mourne Observer Press
Paxton, Roland	2011	Dynasty of Engineers: The Stevensons and the Bell Rock	Northern Lighthouse Heritage Trust
David McCullough	1983	The Great Bridge: The Epic Story of the Building of the Brooklyn Bridge	Touchstone Book Amazon
David McCullough	2004	The Path between Seas: The Creation of the Panama Canal, 1870-1914	Pocket Books Amazon
Mitchell, W.R	2003	Jubilee Line Extension: From Concept to Completion	Thomas Telford Ltd
Cameron, A.D	2005	The Caledonian Canal	Birlinn
Campbell James	2007	Building St Paul's	Thames & Hudson

Beaver, Patrick	2001	The Crystal Palace: A Portrait of Victorian Enterprise	Phillimore
Mitchell, W.R	2009	Thunder in the Mountains: The Men Who Built Ribbleshead	Great Northern Books Ltd
Bain, Susan	2005	Holyrood: The Inside Story	Edinburgh University Press
Doherty, Sharon	2008	Heathrow's Terminal 5: History in the Making	Wiley Blackwell
Murray, Peter	2003	The Saga of the Sydney Opera House	Routledge
Corder, Ken	2008	Tunnel Vision Channel Tunnel rail Link	Ian Allan ICE Bookshop
Bayley, Stephen	2008	Work: The Building of the Channel Tunnel Rail Link (Hardcover)	Merrell Publishers
Lansley, Alister et al	2008	The Transformation of St Pancras Station (Hardcover)	Laurence King
Halliday, Stephen	2001	The Great Stink of London: Sir Joseph Bazalgette and the Cleansing of the Victorian Metropolis	The History Press Ltd
Ford, Christopher	1988	Dunkeld: Telford's Finest Highland Bridge	Perth & Kinross Libraries
Cormack, Alastair	1992	Bolsters, Blocks, Barriers: Story of the Building of the Churchill Causeways	The Orkney View
Buchanan, A and Williams, M	2005	Brunel's Bristol	Redcliffe Press Ltd; 2nd Revised edition
Smerk, G.M	2001	The Bridge at Quebec (Railroads Past & Present) [Hardcover]	Indiana University Press
Tourane, John	1995	The Empire State Building: The Making of a Landmark	Scribner
Wolmar, Christian	2005	The Subterranean Railway: How the London Underground Was built and how it changed the City Forever	Atlantic Books

Stevens, Joseph	1990	Hoover Dam: An American Adventure	University of Oklahoma Press
Anderson, G	1994	The Channel Tunnel Story	Taylor & Francis
Wilson, Derek	1991	Breakthrough Tunnelling the Channel	Century in Association with Eurotunnel
Andesron, Andy	2008	The Skye Bridge Story: Multi-national Interests and People Power	Argyll Publishing
Paris, Philip	2010	Orkney's Italian Chapel: The True Story of an Icon	Black & White Publishing Ltd
Andrews, A & Pascoe, M	2008	The Clifton Suspension Bridge	Broadcast Books
Smit, Tim	2011	Eden (Anniversary Edition)	Eden Project Books
Jonnes, Jill	2010	Eiffel's Tower	Penguin
Manders, F and Potts, R	2001	Crossing the Tyne	Tyne Bridge Publishing
Cookson, B	2006	Crossing the River: The History of London's Thames River Bridges from Richmond to the Tower	Mainstream Publishing
Bolloch, Joelle	2005	The Eiffel Tower (Photography at the Musee D'Orsay) [Paperback]	Five Continents
Bertrand Lemoine		The Eiffel Tower: La Tour DE 300 Meters. Gustave Eiffel (25th Anniversary Special Edtn) [Hardcover]	Taschen GmbH
King, Lillian	2004	Building The Bridge (Firth of Forth Road Bridge)	Windfall Books
The Forth Road Bridge Joint Board	1964	The Forth Road Bridge The Official Story	City of Edinburgh Publicity Dept. & Tourist Information Service, private circulation
The Forth Road Bridge Joint Board	1964	Forth Road Bridge superstructure	Kynoch

Borthwick, Alastair	1966	THE TAY ROAD BRIDGE [Hardcover]	Tay
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### Books on General Construction Technology / Building Issues

Author / Editor	Year	Title	Publisher
by Edward Denison & Ian Stewart	2012	How to Read Bridges: A Crash Course Spanning the Centuries	Herbert Press Ltd
Jenkins, Moses	2010	Building Scotland: Celebrating Scotland's Traditional Building Materials	John Donald Publishers Ltd
Dimbleby, David	2007	How We Built Britain	Bloomsbury
Cruickshank, D	2010	Dan Cruickshank's Bridges: Heroic Designs that Changed the World	Collins
Cruickshank, D	2002	Britain's Best Buildings	BBC Books
Petroski, Henry	2006	Success through Failure: The Paradox of Design	Princeton University Press

### Books with Related Construction Industry Theme(s)

Author / Editor	Year	Title	Publisher
Krane, Jim	2009	Dubai: the Story of the World's fastest City	Atlantic Books
Paris, Philip	2009	The Italian Chapel	Black & White Publishing Ltd

### Books with Related to Training / CPD/ Mentoring

Author / Editor	Year	Title	Publisher
Steels, H.Macdonald	2011	Successful Professional Reviews for Civil Engineers 3 <sup>rd</sup> Edt	ICE Publishing
Steels, H.Macdonald	2011	Initial Professional Development for Engineers	ICE Publishing

### Books with Related Construction Industry Theme(s)-Fiction / Historical Fiction (HF)

Author / Editor	Year	Title	Publisher
Bleys, Oliver	2003	The Ghost in the Eiffel Tower (HF)	Marion Boyars Publishers Ltd
Clarke, Clare	2006	The Great Stink (HF)	Penguin
Hendry, Frances Mary	2001	The Crystal Palace: The Diary of Lily Hicks, London, 1850-1851 (My Story) (HF)	Scholastic
Pollard, Tony	2009	The Secrets of the Lazarus Club (HF)	Penguin
Mair, Craig	1981	Lighthouse Boy	John Murray Publishers Ltd
Murkoff, Bruce	2005	Waterborne	Vintage
Newel, H.M	1956	The Dam	Eyre & Spottiswoode,

White, Terry	2007	With Gently Smiling Jaws	Pen Press
White, Terry	2008	Till the Fat Lady's Sung	Pen Press
White, Terry	2009	Trespassers Will be Mutilated	Indepenpress Publishing Ltd
White, Terry	2010	The Horns of the Moon	Pen Press
Follett, Ken	2007	The Pillars of the Earth (HF)	Pan Books; New edition
Kelly, Thomas		Empire Rising: A Novel (HF)	Amazon
Kelly, Thomas	2007	Payback	Alfred a Knopf