



UNIVERSITY OF WASHINGTON

Department of Civil and Environmental Engineering

http://www.ce.washington.edu/resources/students/course_info/documents/readlist_012.pdf

Suggestions for Alumni

Updated: March 26, 2007

Books

- Alder, Ken. *The Measure of All Things, the Seven Year Odyssey and Hidden Error That Transformed the World*. New York: Free Press, 2002.
- Alexander, C., S. Ishikawa, and M. Silverstein. *A Pattern Language – Towns, Buildings, Construction*. New York: Oxford University Press, 1977.
- Ambrose, Stephen. *“Nothing Like It in the World: Building the Transcontinental Railroad 1863-1869”*. New York: Simon & Schuster, 2000.
- Anderson, Bern. *Surveyor of the Sea; the Life and Voyages of Captain George Vancouver*. Seattle: University of Washington Press, 1960.
- Armstrong, Ellis, editor. *History of Public Works in the United States*. Chicago: American Public Works Association, 1976.
- ASCE Committee on History and Heritage of American Civil Engineering. *The Civil Engineer: His Origins*. New York: American Society of Civil Engineers, 1970.
- Bain, David. *Empire Express*. Penguin Books, 1999.
- Barry, John. *Rising Tide*. Simon & Schuster, 1997.
- Bathurst, Bella. *The Lighthouse Stevensons*. HarperCollins, 1999.
- Beckett, Derrick. *Brunel’s Britain*. London: David and Charles, 1980.
- Beckett, Derrick. *Stephenson’s Britain*. London: David and Charles, 1984.
- Beckett, Derrick. *Telford’s Britain*. London: David and Charles, 1987.
- Bedini, Silvio. *With Compass and Chain*. Frederick MD: Professional Surveyor Publishing Co., 2001.
- Bennett, David, editor. *The Architecture of Bridge Design*. London: Thomas Telford, Ltd., 1997.
- Berton, Pierre. *The Last Spike; the Great Railway 1881-1885*. Toronto: McClelland & Stewart, 1973.
- Berton, Pierre. *The National Dream: the Great Railway 1871-1881*. Toronto: McClelland & Stewart, 1970.
- Billington, David P. *Robert Maillart: Builder, Designer and Artist*. New York: Cambridge University Press, 1997.
- Billington, David P. *The Art of Structural Design: A Swiss Legacy*. New Haven, Connecticut: Yale University Press, 2003.
- Billington, David P. *The Innovators: The Engineering Pioneers Who Made America Modern*. New York: John Wiley and Sons, 1996.
- Billington, David P. *The Tower and the Bridge: The New Art of Structural Engineering*. New York: Basic Books, 1988.
- Billington, David P., and David P. Billington, Jr. *Power, Speed, and Form: Engineers and the Making of the Twentieth Century*. Princeton, New Jersey: Princeton University Press, 2006.
- Bracegirdle, Brian and Patricia Miles. *Great Engineers and Their Works, Thomas Telford*. David & Charles, Newton Abbot, 1973.
- Bronowski, Jacob. *The Ascent of Man*. Boston: Little, Brown, 1990.

- Brundage, Anthony. *England's Prussian Minister*. Pennsylvania State University Press, 1988.
- Buck, Alan. *The Little Giant – A Life of I.K. Brunel*. London: David and Charles, 1986.
- Cain, Louis P. *Sanitation Strategy for a Lakefront Metropolis: the Case of Chicago*. Northern Illinois University Press, 1978.
- Calhoun, Daniel H. *The American Civil Engineer: Origins and Conflicts*. Cambridge: Harvard University Press, 1960.
- Caselli, G. *The Roman Empire*. Peter Bedrick Books, 1985.
- Cassady, Stephen. *Spanning the Gate*. New York: American Society of Civil Engineers, 1986.
- Condor, F.R. *The Men Who Built Railways*. London: Thomas Telford, Ltd., 1983.
- Cortright, Robert S. *Bridging: Discovering the Beauty of Bridges*. Reston, VA: American Society of Civil Engineers, 1998.
- Cowan, Henry J. *The Master Builders*. Malabar, FL: Krieger Publishers, 1977 (1985).
- Cox, R.C. and M.H. Gould. *Civil Engineering Heritage, Ireland*. London: Thomas Telford, Ltd., 1998.
- Cragg, Roger. *Civil Engineering Heritage: Wales and West Central England*. London: Thomas Telford, Ltd., no year given.
- Crouch, Dora P. *Water Management in Ancient Greek Cities*. New York: Oxford University Press, 1993.
- Danson, Edwin. *Drawing the Line, How Mason and Dixon Surveyed the Most Famous Border in America*. New York: John Wiley & Sons, 2001.
- Danson, Edwin. *Weighing the World: The Quest to Measure the Earth*. New York: Oxford University Press, 2006.
- David, A.H., and Donald Hyndman. *Roadside Geology of Washington*. Missoula, MT: Mountain Press, 1984.
- de Camp, L. Sprague. *The Ancient Engineers*. Garden City, New York: Doubleday & Co., 1963.
- DeLony, Eric. *Landmark American Bridges*. New York: American Society of Civil Engineers, 1993.
- Deming, Horace G. *Water, the Fountain of Opportunity*. New York: Oxford University Press, 1975.
- Dorpat, Paul, and Genevieve McCoy. *Building Washington: A History of Washington State Public Works*. Washington Chapter of the American Public Works Association. Tartu Publications, 1998.
- Downs, L. Vaughan. *The Mightiest of Them All: Memories of Grand Coulee Dam*. Revised edition, New York: American Society of Civil Engineers, 1993.
- Duffy, Joseph. *A History of Public Heath in New York City, 1866-1966*. Russell Sage Foundation, 1974.
- Ellis, Keith. *Thomas Telford – Father of Civil Engineering*. Wayland: Hore, 1980.
- Ferguson, Eugene S. *Engineering and the Mind's Eye*. Cambridge, MA: MIT Press, 1992.
- Fetherston, Drew. *The Chunnel: The Amazing Story of the Undersea Crossing of the English Channel*. New York: Times Books, 1997.
- Finch, James K. *Engineering and Western Civilization*. New York: McGraw-Hill, 1951.
- Finch, James K. *The Story of Engineering*. Garden City, NY: Anchor Books, 1960.
- Finch, James K. *The Story of Engineering*. New York: Doubleday and Co., 1960.
- Fisher, Robin, with Fiegehen, Gary (Photographer). *Charting the Northwest Coast, 1791-1795*. Seattle: University of Washington Press, and Vancouver/Toronto: Douglas & McIntyre, 1992.
- FitzSimons, Neal, editor. *Engineering Classics of James Kip Finch*. Kensington, MD: Cedar Press, 1978.
- Florman, Samuel C. *The Civilized Engineer*. New York: St. Martin's Press, 1987.
- Florman, Samuel C. *The Existential Pleasures of Engineering*. New York: St. Martin's Press, 1976.
- Florman, Samuel C. *The Introspective Engineer*. New York: St. Martin's Press, 1996.
- Fredrich, Augustine J., editor. *Sons of Martha*. New York: ASCE, 1989.
- Frontinus, Sextus Julius. *The Stratagems and the Aqueducts of Rome*. William Heinemann, New York: G.P. Putnam's Sons, 1925.
- Gies, Frances and Joseph Gies. *Cathedral, Forge, and Waterwheel: Technology and Invention in the Middle Ages*. London, New York: Harper Collins, 1972.
- Gies, Joseph, and Frances Gies. *The Ingenious Yankees*. New York: Crowell, 1976.
- Gies, Joseph. *Bridges and Men*. Garden City, NY: Doubleday, 1963.

- Goldings, William. *Spire*. London: Faber and Faber, 1972.
- Goldman, Joanne Abel. *Building New York's Sewers: Developing Mechanisms of Urban Management*. West Lafayette, Indiana. Purdue University Press, 1997.
- Goodman, Richard E. *Karl Terzaghi: The Engineer as Artist*. ASCE Press, Reston, VA
- Gordon, J.E. *The New Science of Strong Materials, or Why Don't You Fall Through the Floor*. Princeton: University Press, 1984.
- Gordon, James E. *Structures or Why Things Don't Fall Down*. London: Pitman, 1979.
- Gottemoeller, Frederick. *Bridgescape: The Art of Designing Bridges*. New York: John Wiley and Sons, 1998.
- Granger, Frank. *Vitruvius on Architecture*. Harvard U. Press, 1931.
- Harris, Joseph. *The Tallest Tower: Eiffel and the Belle Époque*. Boston: Houghton Mifflin, 1975.
- Hatch, Sybil E. *Changing Our World: True Stories of Women Engineers*. Reston, VA: American Society of Civil Engineers Press, 2006.
- Hawke, David Freeman. *Nuts and Bolts of the Past*. New York: Harper and Row, 1988.
- Hay, Peter. *Brunel – His Achievements in the Transport Revolution*. Reading: Osprey Publishing, 1973.
- Herrin, Dean. *America Transformed: Engineering and Technology in the Nineteenth Century*. Reston, VA: American Society of Civil Engineers (ASCE Press), 2003.
- Hill, Donald. *A History of Engineering in Classical and Medieval Times*. New York: Barnes and Noble Books, 1997.
- Hinckley (Jones), Helen. *Rails from the West: A Biography of Theodore D. Judah*. San Marino: Golden West Books, 1969.
- Hodge, A. Trevor. *Roman Aqueducts and Water Supply*. London: Duckworth, 2002.
- Hodges, Henry. *Technology in the Ancient World*. Alfred Knopf. London: Allen Lane, 1970.
- Holstine, Craig E., *Spanning Washington: Historic Highway Bridges of the Evergreen State*. Pullman, Washington State University Press, 2005.
- Howes, Derek. *Greenwich Time and the Longitude*. London: Phillip Wilson Publications Ltd., 1997.
- Jamieson, Michael. *The Railway Stephensons*. Newcastle upon Tyne: Oriol Publishing, 1983 (1900).
- Jardine, Lisa. *On a Grand Scale: The Outstanding Life of Sir Christopher Wren*. New York: Harper Collins, 2003.
- Jenkins, David. *Isambard Kingdom Brunel, Engineer Extraordinary*. Wayland: Hore, 1977.
- Karabell, Zachary. *Parting the Desert: The Creation of the Suez Canal*. New York: Alfred A. Knopf, 2003.
- Keay, John. *The Great Arc, the Dramatic Tale of How India Was Mapped and Everest Was Named*. New York: Harper Collins, 2000.
- Kirby, R.S. and Philip G. Laurson. *The Early Years of Modern Civil Engineering*. New Haven: Yale University Press, 1932.
- Kirby, R.S., W. Withington, Arthur B. Darling, and F.G. Kilgour. *Engineering in History*. New York: McGraw-Hill, 1956.
- Kramer, Art, Robert Sylvester, Joe Colcord, and Robert Seabloom. *Civil Engineering 1898 – 1998, One Hundred Years of Excellence in Education*. Seattle: University of Washington, 1998.
- Labrum, E.A. *Civil Engineering Heritage: Eastern and Central England*. London: Thomas Telford, Ltd., 1994.
- Law, Anwei S. *The Great Flood: Johnstown, Pennsylvania 1889*. Johnstown area: Heritage Association, 1997.
- Le Roy, Bruce, editor. *H. M. Chittenden: A Western Epic*. Tacoma, Washington State Historical Society, 1961.
- Lewis, M.J.T. *Surveying Instruments of Greece and Rome*. Cambridge: Cambridge University Press, 2001.
- Lewis, Tom. *Divided Highways*. Viking, 1997.
- Liebeschuetz, Wolf. “Rubbish Disposal in Greek and Roman Cities”, *Sordis Urbis*, “L’Erma” di Bretschneider, 2000.
- Macaulay, David. *Building Big*. ASCE Press, 2000.

- Macaulay, David. *The New Way Things Work*. Boston: Houghton Mifflin, 1998.
- Macaulay, David. *Underground*. Boston: Houghton Mifflin, 1976.
- Maier, Pauline [et al]. *Inventing America: a History of the United States*. New York: W.W. Norton, 2003.
- Malone, Michael P. *James J. Hill: Empire Builder of the Northwest*. Norman: University of Oklahoma Press, 1996.
- McCullough, David. *Brave Companions*. Simon & Schuster, 1992.
- McCullough, David. *The Great Bridge*. New York: Simon and Schuster, 1972.
- McCullough, David. *The Johnstown Flood*. Simon & Schuster, 1968.
- McCullough, David. *The Path Between the Seas*. New York: Simon and Schuster, 1977.
- McKee, Brian. *Historic American Covered Bridges*. New York: American Society of Civil Engineers, 1996.
- McPhee, John. *The Control of Nature*. The Noonday Press, 1990.
- Meany, Edmund. *Vancouver's Discovery of Puget Sound*. New York: The McMillan Co., 1915 (Note: an early on of several editions.)
- Merritt, Raymond H. *Engineering in American Society 1850-1875*. Lexington: University Press of Kentucky, 1969.
- Morgan, Arthur E. *Dams and Other Disasters: A Century of the Army Corps of Engineers in Civil Works*. Boston: P. Sargent, 1971.
- Morse, Roy, Myra Phelps, and Leslie Blanchard. *Public Works in Seattle: A Narrative History of the Engineering Department*. Seattle: Seattle Public Utilities, 1978.
- National Geographic Society. *Builders of the Ancient World: Marvels of Engineering*. Washington: National Geographic Society, 1986.
- National Geographic Society. *The Builders: Marvels of Engineering*. Washington: National Geographic Society, 1992.
- Nelson, Lee H. *Colossus of 1812: An American Engineering Superlative*. New York: American Society of Civil Engineers, 1989.
- Nisbet, Jack. *Sources of the River*. Seattle: Sasquatch Books, 1994.
- Newhouse, Elizabeth L., editor. *The Builders – Marvels of Engineering*. Washington: National Geographic Society, 1992.
- Owens, E.J. *The City in the Greek and Roman World*. New York: Routledge, 1991.
- Pannell, J.P.G. *An Illustrated History of Civil Engineering*. New York: Frederick Ungar Publishing, 1964.
- Parsons, William B. *Engineers and Engineering in the Renaissance*. Baltimore: The Williams and Wilkins Co., 1939.
- Paxton, Roland, editor. *One Hundred Years of the Forth Bridge*. London: Thomas Telford, Ltd., 1990.
- Petroski, Henry. *Design Paradigms: Case Histories of Error and Judgement in Engineering*. Cambridge: Cambridge University Press, 1994.
- Petroski, Henry. *Engineers of Dreams*. New York: Alfred A. Knopf, 1995.
- Petroski, Henry. *To Engineer is Human*. New York: St. Martin's Press, 1982.
- Petroski, Henry. *Pushing the Limits*. New York: Knopf, 2004.
- Petroski, Henry. *Success through Failure: The Paradox of Design*. Princeton: Princeton University Press, 2006.
- Pitzer, Paul C. *Grand Coulee – Harnessing a Dream*. Pullman: Washington State University Press, 1994.
- *Proceedings of the Second National Congress on Civil Engineering History and Heritage, October 18-21*, Boston, 1998. Reston, VA: American Society of Civil Engineers, 1998.
- Pugsley, Sir Alfred, editor. *The Works of Isambard Kingdom Brunel, An Engineering Appreciation*. London: University of Bristol, 1976.
- Reisner, Mark. *Cadillac Desert: The American West and Its Disappearing Water*. New York: Penguin Books, 1993.
- Rennison, R.W., editor. *Civil Engineering Heritage: Northern England*. London: Thomas Telford, Ltd., 1996.

- Reynolds, Terry S., editor. *The Engineer in America*. Chicago: University of Chicago Press, 1991.
- Robins, F.W. *The Story of Water Supply*. Oxford University Press, 1946.
- Rocca, Al M. *America's Dam Builder: The Engineering Genius of Frank T. Crowe*. Maryland: University Press of America, 2001.
- Rogers, Jerry R., editor. *Civil Engineering History: Engineers Make History*. First National Symposium on Civil Engineering History, New York: American Society of Civil Engineers and U.S. Capitol Historical Society, 1996.
- Rolt, L.T.C. *Isambard Kingdom Brunel*. New York: Penguin Books, 1987 (1976).
- Rolt, L.T.C. *Thomas Telford*. New York: Penguin Books, 1988 (1979).
- Rouse, Hunter, and Simon Ince. *History of Hydraulics*. Iowa City: University of Iowa, 1967.
- Rowland, John. *Rocket to Fame: The Amazing Story of George Stephenson, Creator of Britain's Railway System*. London: Target Books, 1974.
- Russell, Chester. *Tales of a Catskinner*. Coos Bay, Oregon: C.L. Russell, 1999.
- Sandström, Gösta E. *Man the Builder*. New York: McGraw-Hill, 1970.
- Schaub, James H. and Karl Pavlovic. *Engineering Professionalism and Ethics*. Malabar, FL: Robert E. Kreiger Publishing, 1986.
- Schioler, Thorkild. *Roman and Islamic Water-Lifting Wheels*. Odense University Press, 1973.
- Schoch, Robert M., McNally, Robert Aquinas. *Pyramid Quest: Secrets of the Great Pyramid and the Dawn of Civilization*. New York: Jeremy P. Tarcher/Penguin, 2005.
- Schodek, Daniel L. *Landmarks in American Civil Engineering*. Cambridge, MA: MIT Press, 1987.
- Schwartz, Seymour I. *The Mismapping of America*. Rochester, NY: University of Rochester Press, 2003.
- Scott, Richard. *In the Wake of Tacoma*. ASCE Press, 2001.
- Shrady, Nicholas. *Tilt: a Skewed History of the Tower of Pisa*. Waterville, ME: Thorndike Press, 2004.
- Skempton, A.W., editor. *John Smeaton, FRS*. London: Thomas Telford, Ltd., 1981.
- Smiles, Samuel. *Lives of the Engineers*, editor T. Hughes. Cambridge: MIT, 1861/1966.
- Sobel, Dava and Andrews, William J.H. *The Illustrated Longitude, the True Story of a Lone Genius Who Solved the Greatest Scientific Problem of His Time*. New York: Walker & Co., 1998.
- Sobel, Dava. *Longitude*. New York: Walker Press, 1995.
- Steinman, D.B. *Builders of the Bridge: The Story of John Roebling and His Son*. New York: Harcourt Brace and Company, 1945.
- Stevens, Joseph E. *Hoover Dam, An American Adventure*. Norman, OK: University of Oklahoma Press, 1988.
- Straub, Hans. *A History of Civil Engineering*. London: Leonard Hill, Ltd., 1960.
- Stuart, Charles D. *Lives and Works of Civil Engineers in America*. New York: American Society of Civil Engineers, 1974.
- Thomson, Reginald. *That man Thomson*. Seattle. University of Washington Press, 1950
- Timoshenko, Stephen. *The History of Strength of Materials*. New York: McGraw-Hill, 1963.
- Tobin, James. *Great Projects: The Epic Story of the Building of America, from the Taming of the Mississippi to the Invention of the Internet*. New York: The free Press, 2001.
- Tobin, James. *To Conquer the Air*. New York: Free Press, 2003.
- Upton, Neil. *An Illustrated History of Civil Engineering*. New York: Crane Russak, 1975.
- Vaughan, Adrian. *Isambard Kingdom Brunel: Engineering Knight – Errant*. John Murray, 1991.
- Weingardt, Richard G. *Engineering Legends: Great American Civil Engineers*. ASCE Press, 2005
- Wilford, John Noble. *The Mapmakers*. Vantage Books, 1982.
- Williams, John Hoyt. *A Great and Shining Road*. Random House, 1989.
- Wing, Robert C. with Newell, Gordon. *Peter Puget*. Seattle: Gray Beard Publishing, 1979.
- Wisely, William H. *The American Civil Engineer, 1852-1974*. New York: American Society of Civil Engineers, 1974.
- Worster, Donald. *Rivers of Empire*. Oxford U. Press, 1985.

- Wright, Kenneth R. and Alfredo Valencia Zegarra. *Machu Piccu: A Civil Engineering Marvel*. ASCE Press, 2000.
- Yager, Rosemary. *James Buchan Eads – Master of the Great River*. Princeton: Van Nostrand, 1968.
- Yergin, Daniel. *The Prize – The Epic Quest for Oil, Money and Power*. New York: Touchstone (Simon and Schuster), 1992.

In addition, see ASCE “Guide to History and Heritage Programs,” p. 39.

Videocassettes/DVDs

- “To Engineer is Human,” 50 min, available from Films Incorporated, Chicago.
- “A Man, A Plan, A Canal – Panama,” 58 min, (from the PBS The American Experience series), available from PBS Video, Alexandria, VA, 1990.
- “American Railroads: The Steam Train Legacy,” 7 hr, 7 videocassettes, PBS Home Video, #A1822.
- “Aqueducts: Man-Made Rivers of Life”, 50 min, Insight Media, New York, #6AE993.
- “Bridges,” 22 min, Insight Media, New York, 1988, #6AJ143.
- “Brooklyn Bridge,” Ken Burns, 50 min, PBS Home Video/Turner Home Entertainment, #B2240V, 1981/1996.
- “Building Big”, David Macaulay, PBS special series, 5 parts, available through ASCE Press.
- “Building the Golden Gate Bridge,” 24 minutes, available from Bethlehem Steel, Corp, Bethlehem, PA.
- “Building the Mighty Mac,” 55 min, available from Mark Howell Productions, Muskegon, MI, 1996.
- “Cadillac Desert,” 4 hr+, 4 videocassettes, Home Vision Select, Public Media, Inc., #5089, 1997.
- “Collapse: Failure by Design”, 50 min, Insight Media, New York, 2000.
- “Crozet: The Claudius Crozet Story,” 90 min, available from Morning Sun Productions, Crozet, VA, 1997.
- “Egyptian Monumental Structures,” 25 min, Insight Media, 2007, #6AN4480
- “Engineering Disasters”, 50 min, Vol. 1-10, Insight Media, New York.
- “Engineering Secrets: The Dome”, 26 min, Insight Media, New York, 2000, #6AJ1712.
- “Glenwood Canyon: Ancient Treasure, Modern Marvel,” 27 min, available from Colorado Department of Transportation, Denver, 1992.
- “George Washington Bridge: Crossing the Hudson”, 47 min, Insight Media, New York, Video #6AJ3408, DVD #6AJ3671.
- “Grand Coulee Dam,” 50 min, (from the A&E Network Modern Marvels series), available from the New Video Group, New York, 1994.
- “Great Projects: The Building of America”, 4 volumes, 60 min each, Insight Media, New York, 2002.
- “Gustave Eiffel: The Other Man Behind the Great Lady,” 29 min, Filmcomm, Glendale Heights, IL ASCE #683.
- “Hoover Dam,” 36 min, available from Sun Times Productions, Las Vegas.
- “Hoover Dam, The Making of a Monument”, 60 min, Insight Media, New York, #6Z1307.
- “I.M. Pei,” 1 hr 30 min, PBS Home Video, #A2443.
- “Lewis and Clark,” 4 hr, 2 videocassettes, PBS Home Video, #A2761.
- “Modern Marvels: The Colosseum”, 50 min, (History Channel), AAE # 72061, 2000/01, A&E TV Networks. DVD.
- “Modern Marvels: The Greatest Engineering Achievements of the 20th Century”, 4 volumes, 50 min each, Insight Media, New York.
- “Monuments to Man,” 52 min, Insight Media, New York, 1991, Video #6AJ1170, DVD #6AJ3703.
- “Mud Mountain Dam”, US Army Corp of Engineers, available at University of Washington Department of Civil & Environmental Engineering.
- “Mulholland’s Dream” (Part 1 of the Cadillac Desert series), 85 min, available from PBS Video, Alexandria, VA, 1997.
- “New York Underground,” 60 min, PBS Home Video, #A2444.
- “Pacific Coast Highway”, 50 min, Insight Media, New York, #6AJ3527.

- “Panama Canal,” Modern Marvels, 50 min, A&E Network, New Video Group, New York, #A&E 12203, 1994.
- “Proud Towers”, 58 min, Insight Media, New York, 1986, #6AJ3532.
- “Riddle of the Dome: Florence Cathedral and Filippo Brunelleschi”, 29 min, Insight Media, New York, 1999, #6AJ3421.
- "Roman Feats of Engineering," 25 min, Insight Media, 2007, #6AN4481
- "Rome: Engineering an Empire", 100 min. (History Channel), AAE #74475, 2005. A & E TV Networks. DVD.
- “Super Structures of America”, 2 vol., 47 min, Insight Media, New York, 2002.
- “Swing Bridge”, City of Seattle, available at University of Washington Department of Civil & Environmental Engineering.
- “The Alcan Highway”, 50 min, Insight Media, New York, #6AJ3525.
- “The Arch: The Triumph of Physics”, 30 min, Insight Media, New York, 1997, #6AJ3415.
- “The Brooklyn Bridge Centennial,” 55 min, available from PBS Video, Alexandria, VA.
- “The Chunnel”, 50 min, Insight Media, New York, #6Z1505
- “The Empire State Building,” 50 min, (from the A&E Network Modern Marvels series), available from the New Video Group, New York, 1993.
- “The Erie Canal”, 50 min, Insight Media, New York, #6AE1955.
- “The Great Wall of China”, 50 min, Insight Media, New York, #6AE1160.
- “The History of the World’s Fastest Trains, 75 min, Insight Media, New York, #6AE1294.
- “The Iron Road” (from the PBS The American Experience series), 55 min, available from PBS Video, Alexandria, VA, 1992.
- "The Life of Brunel." Filmed and produced by Alan Tibbitts. 80 min. Digital Videoex (DVX) Production. Exeter, United Kingdom, 2006. DVD.
- “The Other Bridge: Construction of the San Francisco-Oakland Bay Bridge”, 28 min, Insight Media, New York, #6AE142.
- “The Riddle of the Tay Bridge Disaster” 29 min, Insight Media, New York, 2001, Video #6AE1964, DVD #6AJ3522.
- “The St. Louis Arch”, 50 min, Insight Media, New York, 2000, #6AJ3423.
- “The Truesteel Affair,” 24 min, available from Fanlight Productions, Boston.
- “The Twin Towers: A History”, 48 min, Insight Media, New York, 2003, Video #6AJ3516, DVD #6AJ3672.
- “The World that Moses Built,” (from the PBS The American Experience series) 58 min, available from PBS Video, Alexandria, VA, 1990.
- “To Engineer is Human”, 50 min, Insight Media, New York, 1990, #6AJ211.
- “Tunnels”, 19 min, Insight Media, New York, 1988, #6AJ144.
- “Water and the Dream of the Engineers,” 43 min, available from Cine Research Associates, Boston.
- "What the Egyptians Know", (Discovery/Science Channel), # 724773, 2000 ±, Discovery Communications. DVD.

Videocassettes for Children of All Ages

- “This is America, Charlie Brown-The Building of the Transcontinental Railroad” 24 min., United Feature Syndicate, Inc. 1988.

In both areas, these books and videocassettes could be a valuable addition to your professional library and make excellent suggestions for a gift list.

Note

- “Civil Engineering” has a monthly historic topic under the heading History Lesson beginning in January 2007.