PROJECTING CAPITALISM

A History of the Internationalization of the Construction Industry

Marc Linder

Contributions in Economics and Economic History, Number 158

Greenwood Press
Westport, Connecticut • London
Library of Congress Cataloging-in-Publication Data

Linder, Marc.

Projecting capitalism : a history of the internationalization of the construction industry / Marc Linder.

p. cm.— (Contributions in economics and economic history.
ISSN 0084-9235 ; no. 158)
Includes bibliographical references and index.
ISBN 0-313-29293-0 (alk. paper)
II. Series.
HD9715.A2L498 1994
338.8'B72—dc20 93-50546

British Library Cataloguing in Publication Data is available.

Copyright © 1994 by Marc Linder

All rights reserved. No portion of this book may be reproduced, by any process or technique, without the express written consent of the publisher.

Library of Congress Catalog Card Number: 93-50546
ISBN: 0-313-29293-0
ISSN: 0084-9235

First published in 1994

Greenwood Press, 88 Post Road West, Westport, CT 06881
An imprint of Greenwood Publishing Group, Inc.

Printed in the United States of America


10 9 8 7 6 5 4 3 2 1

Digitized by Google
Bibliography

Omitted are all newspaper articles and unattributed articles in magazines and trade journals.

Books and Articles

Ackerman, W., et al. (ed.). Man-Made Lakes: Their Problems and Environmental Effects (1973)
Akademiia Nauk SSSR. Postroenie fundamenta sotsialisticheskoi ekonomiki v SSSR 1926-1932 gg. (1960)
Ala'i, Heshmat. “How Not to Develop a Backward Country.” Fortune, Aug. 1948, at 76
Albérdi, J. The Life and Industrial Labors of William Wheelwright in South America (1877)
Aldcroft, Derek. From Versailles to Wall Street: 1919-1929 (1981 [1977])
Allen, G., & Audrey Donnithorne. Western Enterprise in Indonesia and Malaya: A Study in Economic Development (1957)
Allhands, J. Tools of the Earth Mover: Yesterday and Today Preserved in Pictures (1951)
Altvater, Elmar. Der Preis des Wohlstands oder Umweltplunderung und neue Welt(un)ordnung (1992)
———. Sachzwang Weltmarkt: Verschuldungsrisiko, blockierte Industrialisierung und ökologische Gefährdung: Der Fall Brasilien (1987)
———. “Zu einigen Problemen des Staatsinterventionismus.” PK, No. 3, May 1972, at 1
Amoroso, Bruno, & Ole Olsen. Lo Stato imprenditore (1978)
Amuzegar, Jahangir. Iran: An Economic Profile (1977)
Antoniou, Jim. Construction in the Middle East (Economist Intelligence Unit Special Rep. No. 55, 1978)
Appleton, Nathan. “What the Slaven Dredges are Doing at Panama.” 19 EN 490
Bibliography

Ash, Horace. “Progress on Central Highway of Cuba During 1927.” 100 ENR 22 (1928)
Ashley, Evelyn. 2 The Life of Henry John Temple Viscount Palmerston: 1846-1865 (2d ed. 1876)
Askari, Hossein. Saudi Arabia’s Economy: Oil and the Search for Economic Development (1990)
Aspelin, Paul, & Silvio Coelho dos Santos. Indian Areas Threatened by Hydroelectric Projects in Brazil (1981)
Baasch, Ernst. Holländische Wirtschaftsgeschichte (1927)
Baker Brown, W. 4 History of the Corps of Royal Engineers (1952)
Balogh, Thomas. The Economics of Poverty (1964)
Baltzer, F. Die Kolonialbahnen mit besonderer Berücksichtigung Afrikas (1916)
Baran, Paul. The Political Economy of Growth (1968 [1957])
Barnwell, P., & A. Toussaint. A Short History of Mauritius (1949)
Battelle Memorial Institute. The State of the Art of Prefabrication in the Construction Industry (1967)
Bauer, Otto. “Proletarische Wanderungen.” 26:1 NZ 476 (1907)
Bayles, George. “Constructing a 98-Kilometer Water Conduit in Chile.” 83 ENR 593 (1919)
Beard, Charles, & Mary Beard. America at Midpassage (1939)


Bell, Herbert. *2 Lord Palmerston* (1936)


Bennett, Ira. *History of the Panama Canal: Its Construction and Builders* (1915)


---------. *Le Canal de Suez. II: Description des travaux de premier établissement. Pt. II: Exécution des travaux* (1904)


Bishop, Joseph. *The Panama Gateway* (1913)


Bober, W. "The Construction Industry After the War." *20 HBR* 427 (1942)


Bibliography


****. "Hydro Paces Turkey's Construction Boom." ENR, Oct. 10, 1957, at 34

****. "Iran Pushes Hard for Development and Defense." ENR, Mar. 9, 1961, at 36

****. "Iran's Two Big Dams Promise a Better Life," ENR, Mar. 16, 1961, at 38

****. "Iraq's Operation Bootstrap—Part One: A Modern Mesopotamia is Molded." ENR, Dec. 12, 1957, at 34

****. 'Thailand Sets the Pace for Southeast Asia,' ENR, Jan. 19, 1961, at 30


Brand, James. "Working Methods of Engineering Contractors." 89 Engineer 262 (1900)

Brassey, Thomas. Foreign Work and English Wages (1879)

Brassey, Thomas. Work and Wages: The Reward of Labour and the Cost of Work (1916 [1872])

Breasted, James. A History of Egypt (1964 [1905])

Brede, H., et al. Ökonomische und politische Determinanten der Wohnungsversorgung (1975)


Britain's Industrial Future: Being the Report of the Liberal Industrial Inquiry (1928)


Brown, Hanbury. "Land Values in Egypt." 114 Engineer 456 (1912)

Brown, Jonathan. Oil and Revolution in Mexico (1993)


Brüinner, E. De Bagdadspoorveg: Bidrage tot de kennis omtrent het optreden der mogenheden in Turkije 1888-1908 (1957)


Brunlees, James. "Address of the President." 72 MPICE 2 (1883)


Bucharin, N. Imperialismus und Weltwirtschaft (1969 [1929])

Buckley, Peter, & Brian Roberts. European Direct Investment in the U.S.A. Before World War 1 (1982)


Bibliography

———. "A Time of Reckoning for the Building Unions." Fortune, June 4, 1979, at 82
Burge, C. "The Nile Irrigation Question." 58 ER 65 (1908)
Busch, Klaus. Die multinationalen Konzerne (1974)
Business Roundtable. Coming to Grips with Some Major Problems in the Construction Industry (1975 [1974])
Cady, R. "New Deep-Water Port at Cartagena, Colombia." 115 ENR 710 (1935)
Calhoun, Daniel. The American Civil Engineer: Origins and Conflict (1960)
Cameron, Ian. The Impossible Dream (1971)
Cameron, Rondo. France and the Economic Development of Europe 1800-1914: Conquests of Peace and Seeds of War (1961)
Campagnac, Elisabeth, & Vincent Nouzille. Citizen Bouygues ou l'histoire secrète d'un grand patron (1988)
Campbell, Persia. Chinese Coolie Emigration to Countries Within the British Empire (1923)
Cardwell, D. Turning Points in Western Technology: A Study of Technology, Science and History (1972)
Caro, Robert. The Years of Lyndon Johnson: The Path to Power (1982)
———. The Years of Lyndon Johnson: Means of Ascent (1990)
Carr, Edward. The Twenty Years' Crisis, 1919-1939: An Introduction to the Study of International Relations (1964 [1939])
Carter, A. "American Roadbuilding in Liberia." 123 ENR 479 (1939)
Cassimatis, Peter. Construction and Economic Development (NTIS, 1975)
———. Economics of the Construction Industry (1969)
Castle, Victor. "Well, I Quit My Job at the Dam." 133 Nation 207 (1931)
Catholic Institute for International Relations. The Labour Trade: Filipino Migrant Workers Around the World (1987)
Caton, John. "Building the 'Road-to-the-Sea' in Colombia." 101 ENR 950 (1928)
Chamberlain, J. "From Edison to the Atomic Age: Stone & Webster Rolls Along." ENR, May 21, 1953, at 59
Chao, Kang. The Construction Industry in Communist China (1968)
Charters, By-Laws and Regulations, and List of Members of the Institution of

Chevallier, Raymond. *Les Voies romaines* (1972)


Clapham, J. *An Economic History of Modern Britain: The Early Railway Age 1820-1850* (1926)

———. *An Economic History of Modern Britain: Free Trade and Steel 1850-1886* (1932)


Clark, John Maurice. *Strategic Factors in Business Cycles* (1949 [1935])

Clark, Victor. 3 *History of Manufactures in the United States: 1893-1928* (1929)

———. "Labor Conditions in Cuba." 7 *BDL* 663 (1902)


Clerk, J. "Suez Canal." 5 *FR* (n.s.) 80 (1869)

Cleveland, Frederick, & Fred Powell. *Railroad Finance* (1912)


Colclough, J. *The Construction Industry of Great Britain* (1965)


Colombard-Prout, Marc. "France." In *The Global Construction Industry* 104


Condit, Carl. *American Building* (1968)


Cook, Walter. "Erection of the Nairne Viaducts, near Adelaide, South Australia." 112 *MPICE* 185 (1903)


Cotard, Ch. "Inauguration de la voie ferrée de Lefké à Bilédjik (Ligne d'Anatolie)." 19 *GC* 103 (1891)


Cuban Economic Research Project. *A Study on Cuba* (1965)

Cudahy, Brian. *Rails Under the Mighty Hudson* (1975)


Curtis, William. "The Railroads of Central America." 10 RA 698 (1885)

———. "Railway Construction in Central and South America." 29 EN 616 (1893)


Dasent, Arthur. *John Thadeus Delane Editor of 'The Times': His Life and Correspondence* (1908)


Dawson, William. *The Evolution of Modern Germany* (n.d. [1908])


[Defoe, Daniel]. *A Plan of the English Commerce* (2d ed. 1967 [1730])

Delmer, A. *Le Canal Albert* (1939)

Dempsey, G. *Drysdale. The Practical Railway Engineer* (1855)


Depping, Guillaume. "Le Transsaharien." 17 GC 105 (1890)

Dernburg, Bernhard. *Zielpunkte des deutschen Kolonialwesens: Zwei Vorträge* (1907)


*Deutsches Kolonial-Lexikon* (Heinrich Schned ed., 1920)

Devey, Joseph. *The Life of Joseph Locke* (1862)


Dobbins, J. "The Imperial Peking-Kalgan Railway and Its Extension." 64 EN 191 (1910)

———. "Rebuilt Antung-Mukden Ry., China." 68 EN 809 (1912)


Drechsler, Horst. *Südwestafrika unter deutscher Herrschaft* (1966)


Dummett, R. "Joseph Chamberlain, Imperial Finance and Railway Policy in British West Africa in the Late Nineteenth Century." 90 *EngHR* 287 (1975)


Bibliography

---


---

Multinationals, Technology and Competitiveness (1988)

Durham, Henry. "Road Construction in Paraguay." 126 ENR 876 (1941)

Dutt, Romesh. The Economic History of India in the Victorian Age (1904)

Du Val, Miles. And the Mountains Will Move: The Story of the Building of the Panama Canal (1968 [1947])

Earle, Edward. "Egyptian Cotton and the American Civil War." 41 PSQ 520 (1926)

---

Turkey, the Great Powers, and the Bagdad Railway: A Study in Imperialism (1923)

Eccles, Marriner. Beckoning Frontiers: Public and Personal Recollections (Sidney Hyman ed., 1951)

Edgar-Bonnet, George. Ferdinand de Lesseps: Le Diplomate, Le Createur de Suez (1951)


Engelund, Anker. "Danes Introduce New Caisson Practice at Little Belt Bridge." 114 ENR 841 (1935)


Enock, C. "Railway Development in Peru." 53 EN 463 (1905)

Ensor, R. England 1870-1914 (1936)


Eves, Graves. "The Canton-Kowloon Railway: British Section." 192 MPICE 190 (1913)


Faulkner, Harold. The Decline of Laissez Faire 1897-1917 (1951)

Fawcett, Brian. Railways of the Andes (1963)

Feis, Herbert. Europe the World's Banker 1870-1914 (1965 [1930])

---

Three International Episodes: Seen from E.A. (1966 [1946])

Ferchiou, Ridha. "Tunisia." In The Global Construction Industry 199

Ferns, H. Britain and Argentina in the Nineteenth Century (1960)

Fichte, Johann. Der geschlossene Handelsstaat. In idem, 7 Sämmtliche Werke 387 (1845 [1800])

Filene, Peter. Americans and the Soviet Experiment, 1917-1933 (1967)


Fitch, Edwin. The Alaskan Railroad (1967)

Fite, Emerson. Social and Industrial Conditions in the North During the Civil War (1910)

Fitzgerald, Percy. 1-2 The Great Canal at Suez: Its Political, Engineering, and Financial History (1876)


Fitzmaurice, Maurice. "The Nile Reservoir, Assuan." 152 MPICE 71 (1903)


Fletcher, Max. "The Suez Canal and World Shipping, 1869-1914." 18 JEH 556 (1958)

Flinn, Alfred. "Architecture of Kensico Dam." 74 EN 433 (1915)

---

"The New Kensico Dam." 67 EN 772 (1912)

Bibliography

Foerster, Robert. *The Italian Emigration of Our Time* (1924)


Forchheimer, Prof. Dr. "Die Eisenbahn von Ismid nach Angora." 41 *ZB* 359 (1891)


Francis, John. 1-2 *A History of the English Railway: Its Social Relations and Revelations 1820-1845* (1868 [1851])

"The Frederick Snare Corporation." 5:8 *AB* 1 (1959)


G. "Umbruch in der Weltwirtschaft* (1986)

Fürstenberg, Carl. *Die Lebensgeschichte eines deutschen Bankiers, 1870-1914* (Hans Fürstenberg ed., 1931)

Full, August. *Fünfzig Jahre Togo* (1935)

Fuller, William. "Dam Building and Bullet Dodging in Mexico." 67 *EN* 1002 (1912)


Gentilini, R. "Les Voies de communication en Cochinchine." 9 *GC* 177, 199, 225 (1886)


Giedion, Siegfried. *Space, Time, and Architecture* (1959 [1941])

Bibliography

Glazebrook, G.P. de T. A History of Transportation in Canada (1938)


Goldthorpe, J. The Sociology of the Third World: Disparity and Involvement (1975)


Gradus [pseud]. "A Treatise on Building by Contract." 14 Builder 296 (1856)


-----., "Ghana’s Volta Resettlement Scheme." In 2 The Social and Environmental Effects of Large Dams: Case Studies 131 (Edward Goldsmith & Nicholas Hildyard eds., 1986)

Grant, Luke. The National Erectors’ Association and the International Association of Bridge and Structural Iron Workers (1971 [1915])

Greathead, James. "The City and South London Railway; with Some Remarks upon Subaqueous Tunneling by Shield and Compressed Air." 123 MPICE 39 (1896)

Greeley, Horace, et al. The Great Industries of the United States (1872)

Greif, Martin. The New Industrial Landscape: The Story of the Austin Company (1978)


Grier, John. "Construction." In President’s Conference on Unemployment, 1 Recent Economic Changes in the United States 219 (1929)


Grossmann, Henryk. Das Akkumulations- und Zusammenbruchsgesetz des kapitalistischen Systems (zugleich eine Krisentheorie) (1929)


Gurlitt, Friedrich. "Die ersten Baujahre in Deutsch-Ostafrika." 55 ZB 57 (1905)

Haber, Stephen. Industry and Underdevelopment: The Industrialization of Mexico, 1890-1940 (1989)

Haber, William. Industrial Relations in the Building Industry (1930)


-----., The Canal Age (1981)

Hagedorn, Herman. 1 Leonard Wood: A Biography (1931)


Hains, Peter. "The Labor Problem on the Panama Canal." 179 NAR 42 (1904)
Hallberg, Charles. The Suez Canal: Its History and Diplomatic Importance (1931)
Hallgarten, George. 1-2 Der Imperialismus vor 1914: Die soziologischen Grundlagen der Aussenpolitik europäischer Grossmächte vor dem Ersten Weltkrieg (2d ed. 1963 [1951])
Hansen, Alvin. Business Cycles and National Income (1951)
Hardin, Patrick (ed.). The Developing Labor Law (3d ed. 1992)
Hardman, R. "Highway Construction in Panama." 91 ENR 594 (1923)
Harris, Nigel. The End of the Third World: Newly Industrializing Countries and the Decline of an Ideology (1986)
Harvey, David. The Urban Experience (1989 [1985])
Havas, George. "Foreign Work Has Special Problems." 28 CE 905 (1905)
Headrick, Daniel. Tentacles of Progress: Technology Transfer in the Age of Imperialism, 1850-1940 (1988)
———. The Tools of Empire: Technology and European Imperialism in the Nineteenth Century (1981)
Heckscher, Eli. Mercantilismen: Ett led i den ekonomiska politikens historia (1931)
HelfTerich, Karl. 3 Georg von Siemens: Ein Lebensbild aus Deutschlands großer Zeit (1923)
Hell, Jürgen. Kurze Geschichte des kubanischen Volkes (1976)
Helps, Arthur. Life and Labours of Mr. Brassey: 1805-1870 (1872)
Henry, Arnold. The Panama Canal and the Intercoastal Trade (1929)
Herodotus. Historiae
Hess, A. "Notes on a Costly Brazilian Railway Line." 68 EN 578 (1912)
Hesseltine, William. Ulysses S. Grant: Politician (1935)
Heywood, Peter. "European Firms Looking at Their Own Backyard." ENR, Nov. 27, 1986, at 67
Hicks, John. Republican Ascendancy, 1921-1933 (1963 [1960])
Hilferding, Rudolf. Das Finanzkapital: Eine Studie über die jüngste Entwicklung des Kapitalismus (1968 [1910])
Hill, Forest. Roads, Rails and Waterways: The Army Engineers and Early Transportation (1957)
Hippo, Yasuyuki, & Saburo Tamura. "Japan." In The Global Construction Industry 59
Bibliography


Hobsbawm, E. *The Age of Capital* 1848-1875 (1977 [1975])

Hobson, C. *The Export of Capital* (1963 [1914])

Hobson, G. "The Great Zambezi Bridge." In *2 The Story of the Cape to Cairo Railway and River Route, from 1887 to 1922: The Main Line as It Exists To-Day from the Cape to the Nile Delta* (n.d. [1922])

Hobson, George. "The Victoria Falls Bridge." 170 MPICE 1 (1907)

Hobson, J. *Imperialism: A Study* (1967 [1902])


Hoskins, Halford. *British Routes to India* (1966 [1928])


Howenstine, E. "Social Consideration in Promoting Construction Work in Developing Countries." *CRev*, June 1972, at 4

Hüther, Reinhard. *Die Bagdadbahn* (1943)


Hutchinson, Lincoln. *The Panama Canal and International Trade Competition* (1915)


Institut für die Wirtschaft des sozialistischen Weltsystems an der Akademie der Wissenschaften der UdSSR. 3 *Sozialistisches Welthandelsystem: Arbeitsteilung und Standortverteilung der Produktion* (1968)


Jagtiani, H. *The Role of the State in the Provision of Railways* (1924)

James, E. "Development of the Inter-American Highway." 14 *CE* 5 (1944)

Jameson, Charles. "Notes on the Panama Canal." 16 *EN* 202 (1886)


———. "Unternehmenspolitik der Großkonzerne verantwortlich für Baukostenexplosion." 25 *WSI Mitteilungen* 392 (1972)


Jenks, Leland. "Britain and American Railway Development." 11 *JEH* 375 (1951)
Bibliography

---. The Migration of British Capital to 1875 (1963 [1927])
---. "Weetman Dickinson Pearson." In 4 DBB 582 (David Jeremy ed., 1985)
Johnson, Emory. "The Isthmian Canal in Its Economic Aspects." AAAPSS, Jan. 1902. at 1
---, et al. 1 History of Domestic and Foreign Commerce of the United States (1915)
Jones, Charles. "The San Rafael Bridge in San Domingo." 112 ENR 249 (1934)
Julien, Charles-André. Histoire de l'Algérie contemporaine: La Conquête et les débuts de la colonisation (1827-1871) (1964)
Keller, Ulrich. The Building of the Panama Canal in Historical Photographs (1983)
Kelly, Burnham. The Prefabrication of Houses (1951)
---. International Economics (3d ed. 1963 [1953])
---. The World in Depression 1929-1939 (1975 [1973])
King, Judson. "Open Shop at Boulder Dam." 67 NR 147 (1931)
Kirby, Richard, & Philip Laurson. The Early Years of Modern Civil Engineering (1932)
Kitchen, Martin. The Political Economy of Germany 1815-1914 (1978)
Klein, Fritz. Deutschland von 1897/98 bis 1917 (3d ed. 1972)
---. "Staat und Nationalstaat: Thesen gegen eine fragwürdige Identität." 23 Prokla (No. 90) 65 (1993)
Knowles, L. The Economic Development of the British Overseas Empire (1924)
Kolko, Gabriel. The Politics of War: The World and United States Foreign Policy,
1943-1945 (1970 [1968])

Kondratieff, N. "Die langen Wellen der Konjunktur." 56 ASS 573 (1926)


Kōtsu hakubutsukan. *Tetsudo no nihon: Tokaido shin kansen kaisū kinen shuppan* (1964)


Krigan, William. "Diversified Firms are Chomping at Market." *ENR*, Apr. 5, 1993, at 34


-----, "Ranking Data Rankles Some." *ENR*, May 24, 1993, at 67


Kuczynski, Robert. *The Cameroons and Togoland: A Demographic Study* (1930)

Kuntze, A. "The State Railways on the West Coast of Sumatra." 105 *MPICE* 370 (1891)


Läpple, Dieter. *Staat und allgemeine Produktionsbedingungen: Grundlagen zur Kritik der Infrastrukturtheorien* (1973)

Land, Thomas. "Migrant Labour Suffering from Mid-East Cut-Backs." *IC*, June 1984, at 4


Larson, H. *Guide to Business History* (1948)

Lavis, Fred. "The Part of Inland Waterways in Latin American Transportation." 131 *ENR* 277 (1943)


-----, "Das Scheitern der Verhandlungen über die offizielle Beteiligung..."

Lenin, V.I. Imperializm, kak vyshysaia stadiia kapitalizma. In idem, 27 Polnoe sobranie sochinenii (1962 [1917])

Zamechanie V.I. Lenina na knigu R. Luksenburg "Nakaplenie kapitala.", In 22 Leninetskii Sbornik (1933 [1913])


Lesseps, Ferdinand de. Lettres, Journal et Documents pour servir à servir l'histoire du Canal du Suez (1854-1855-1856) (1875)

Lewinsohn, Richard (Morus). Die Umschichtung der europäischen Vermögen (1926)

Lewis, Cleona. America's Stake in International Investments (1938)

Lewis, R. "Edwin Chadwick and the Railway Labourers." 3 EHR (2d ser.) 107 (1950)

Liebich, Otto. Organisations- und Arbeitsverhältnisse im Baugewerbe: Eine volkswirtschaftliche Studie (1922)

Linder, Marc. Der Anti-Samuelson: Kritik eines repräsentativen Lehrbuchs der bürgerlichen Ökonomie (1974)


& Larry Zacharias. "Opening Coase's Other Black Box: Why Workers Submit to Vertical Integration into Firms." 18 JCL 371 (1993)

Lipietz, Alain. 'Building and the Crisis of Fordism: The Case of France.' 6 PBE 1-13 (1984)

Little, Tom. High Dam at Aswan (1965)


Locke, Joseph. "Address of the President." 17 MPICE 128 (1858)

Long, Clarence Jr. Building Cycles and the Theory of Investment (1940)

Louis, Wm. The British Empire in the Middle East 1945-1951: Arab Nationalism, the United States and Postwar Imperialism (1984)

(ed.). The Robinson and Gallagher Controversy (1976)

Lottov, H. Canada and the Grand Trunk 1829-1924 (n.d. [1924])

Low, Emile. "Economic Analysis of Excavation Methods on a Typical Section of New York State Barge Canal Work." 39 EC 583 (1913)

"A German Excavator on the New York Barge Canal." 53 ER 503 (1906)


Lübbert, Erich. AGVI 1901-1931 (1963)

Lueder, A. "Experience in the Erection of American Viaducts on the Uganda Railway." 51 EN 345 (1904)
Luxemburg, Rosa. *Die Akkumulation des Kapitals: Ein Beitrag zur ökonomischen Erklärung des Imperialismus.* In *idem*, 6 GW (1923 [1913])
———. "Riesenwerke des Kapitalismus." In *idem*, 1:1 GW 286 (1970 [1898])
———. "Wasserkonstruktionen in Nordamerika." In *idem*, 1:1 GW 282 (1970 [1898])


Maier, Charles. *Recasting Bourgeois Europe: Stabilization in France, Germany, and Italy in the Decade After World War I* (1975)

———. *Der Spätkapitalismus* (1973 [1972])


Marquand, A. "Travaux d’adduction d’eau potable à Valparaiso (Chile)." *32 GC 309* (1898)


Marston, Thomas. *Britain’s Imperial Role in the Red Sea Area 1800-1878* (1961)

Martin, Percy. "Arica-La Paz Railway." *112 Engineer 452* (1911)


———. "The Defeat of Cobden, Bright and Gibson." In *id.* at 238 (1857)
———. "The French Crédit Mobilier." In *id.* at 8 (1856)
———. "The Future Results of British Rule in India." In Karl Marx [&] Friedrich Engels, 1:12 *Gesamtausgabe (MEGA) 248* (1984 [1853])
———. *Grundrisse der Kritik der politischen Ökonomie (Rohentwurf) 1857-1858* (1953)
———. 1 *Das Kapital: Kritik der politischen Ökonomie* (1867 [reprint 1959])
———. 1 *Das Kapital: Kritik der politischen Ökonomie: Der Produktionsprozess des Kapitals* (2d ed. 1872)
———. 1 *Das Kapital* In Karl Marx [&] Friedrich Engels, 23 *Werke* (1962)
———. 2 *Das Kapital: Kritik der politischen Ökonomie: Der Circulationsprozess des Kapitals* In Karl Marx [&] Friedrich Engels, 24 *Werke* (1963 [1885])
———. 3 *Das Kapital: Kritik der politischen Ökonomie: Der Gesammtprozess der kapitalistischen Produktion* In Karl Marx [&] Friedrich Engels, 25 *Werke* (1964 [1894])
———. "Lord Palmerston." In Karl Marx [&] Friedrich Engels, 1:12 *Gesamtausgabe (MEGA) 357* (1984 [1853])
Bibliography


Mayer, Joseph. "Canals Between the Lakes and New York." 26 *PASCE* 972 (1900)


McCullough, David. *The Path Between the Seas: The Creation of the Panama Canal 1870-1914* (1977)


--------, & Mary Powers. "Firms Go Along for the Ride as More Clients Begin to Travel." *ENR*, May 24, 1993, at 74


Mehren E. "American Contractors and Labor Conditions in France." 85 *ENR* 340 (1920)


*Memoirs of Sir Edward Blount* (Stuart Reid ed., 1902)


Bibliography


Millman, Joel. “You Have to Be an Optimist.” *Forbes*, May 24, 1993, at 84


Mittag, Albert. “Constructing Highways in Colombia.” *5 CE 361* (1935)

Molesworth, Guilford. “Address.” *159 MPICE* 5 (1905)


Morgan, Geo. *Annual Statement of the Trade and Commerce of St. Louis for the Year 1903* (1904)


Mosse, James. “Ceylon Government Railways.” *63 MPICE 63* (1881)


Mühlmann, C. “Die deutschen Bauunternehmungen in der asiatischen Türkei 1888-1914.” *24 WA 121* *1* *365* (1926)


Myrdal, Gunnar. *Asian Drama* (1968)


National Interests in an Age of Global Technology (Thomas Lee & Proctor Reid ed., 1991)


Neuß, Christel. *Imperialismus und Weltmarktbewegung des Kapitals* (1972)
Bibliography

Nevin, W. “The Railway Situation in Mexico.” 14 EN 86 (1885)
Newton, C. “The Hydro-Electric Development of the Braden Copper Co.” 69 EN 1041 (1913)
Newton, Velma. The Silver Men: West Indian Labour Migration to Panama 1850-1914 (1984)
Nirumand, Bahman. Persien, Modell eines Entwicklungslandes oder die Diktatur der Freien Welt (1967)
Nkrumah, Kwame. Neo-Colonialism: The Last Stage of Imperialism (1965)
Norman, E. Herbert. Japan’s Emergence as a Modern State: Political and Economic Problems of the Meiji Period (1940)
Norsa, Aldo. “Italy.” In The Global Construction Industry 86
———, & Howard Foster. Open Shop Construction (1975)
Nourse, J. The Maritime Canal of Suez (1869)
Nouvelles Installations maritimes du Port d’Anvers: Notice explicative des travaux projetés et des moyens d’exécution et des moyens d’exécution proposés par MM. A. Couvreux & H. Hersent (1880)
Nwulia, Moses. The History of Slavery in Mauritius and the Seychelles, 1818-1875 (1981)
OECD. Globalisation of Industrial Activities: Four Case Studies: Auto Parts, Chemicals, Construction and Semiconductors (1992)
———. The Petrochemical Industry: Trends in Production and Investment to 1985 (1979)
———. “Should Dams Be Built?” 6 Ambio 46 (1977)
O’Connor, A. Railways and Development in Uganda (1965)
O’Connor, Harley. The Empire of Oil (1955)
O’Connor, T. “Lord Cowdray: A Study in Personality.” 51 NPMM 351 (1913)
Olivier, H. Great Dams in South Africa (n.d. [1976])
Oman, Charles. New Forms of International Investment in Developing Countries (OECD 1984)
———. New Forms of Investment in Developing Country Industries: Mining, Petrochemicals, Automobiles, Textiles, Food (OECD 1989)
Opatrný, Josef. Antecedentes históricos de la formación de la nación cubana
Owen, Marguerite. *The Tennessee Valley Authority* (1973)
Parry, Albert. *Whistler's Father* (1939)
Parsons, Maurice. "The Philosophy of Engineering." *TASCE* 38 (1914)
Pears, Edwin. "The Bagdad Railway." *94 ConR* 570 (1908)
Peña, Sergio de la. *La formación del capitalismo en México* (1977 [1975])
Peniston, William. "Public Works In Fernambuco, in the Empire of Brazil." *22 MPICE* 385 (1863)
Pepperman, W. *Who Built the Panama Canal?* (1915)
Pettitt, George. *So Boulder Dam Was Built* (1935)
Pollins, Harold. "Railway Contractors and the Finance of Railway Development in Britain." *3 JTH* 41, 103 (1957)
Pollock, Norman. *Nyasaland and Northern Rhodesia: Corridor to the North* (1971)
Porter, Whitworth. 2 *History of the Corps of Royal Engineers* (1951 [1889])
Potter, Edward. *Freedom of Association, the Right to Organize and Collective

Potter, William. “Railway Work in Japan.” 56 MPICE 2 (1879)

Powell, Fred. Railroads of Mexico (1921)

Prasad, Ambar. Indian Railways: A Study in Public Utility Administration (1960)


Prelini, Charles. “The Erie Canal.” 90 Engineering 1, 76 (1910)


Prowde, Oswalde. “The Gezira Irrigation Scheme, including the Sennar Dam on the Blue Nile.” 222 MPICE 81 (1927)


Quesada y Miranda, Gonzalo de. 1 ¿En Cuba Libre! Historia documentada y anecdotica del Machadato: 1925-1931 (1938)

“Railway Morality and Railway Policy.” ERev, Oct. 1854, at 420


Raphael, Lois. The Cape-to-Cairo Dream: A Study in British Imperialism (1936)


Reich, Robert. The New American Frontier (1983)

Rein, J. The Industries of Japan (1889)


Renty, E. de. 1 Les Chemins de fer coloniaux en Afrique: Chemins de fer des colonies allemandes, italiennes et portugaises (1903)

———. 2 Les Chemins de fer coloniaux: Chemins de fer dans les colonies anglaises et au Congo Belge (1904)

———. 3 Les chemins de fer coloniaux en Afrique: Chemins de fer dans les colonies françaises (1905)


Richardson, Harold. “Alcan—America’s Glory Road. Part III: Construction Tactics.” 130 ENR 63 (1943)


Riegel, Robert. *The Story of the Western Railroads* (1926)
Rigby, Edward, & William Leitch. "'Railway Construction in North China.'" *MPICE* 271 (1905)
———. *The Capitalists and Colombia* (1931)
Robbins, Michael. "'The Balaklava Railway.'" *JTH* 28 (1953)
———. *George and Robert Stephenson* (1966)
Robinson, Herbert. *The Economics of Building* (1939)
Robinson, Tracy. *Fifty Years at Panama 1861-1911* (2d ed. 1911 [1907])
Rolt, L. *Great Engineers* (1962)
———. *Thomas Telford* (1962 [1958])
Rose, J. (ed.) 2 *Cambridge History of the British Empire: The Growth of the New Empire* 1783-1870 (1968 [1940])
Rudin, Harry. *Germany in the Cameroon 1884-1914: A Case Study of Modern Imperialism* (1938)
Ruegnitz, W. "'Building Bridge Substructures on the Canadian Trunk Ry.'" *EN* 710 (1914)
Ruiz Williams, E. "'Cuba Begins New Central Highway 700 Miles Long.'" 98 *ENR* 558 (1927)
"'San Francisco Bridge Co.'" 5:4 *AB* 1 (1958)
———. *The Politics of Trade in Latin American Development* (1992)
Sawyer, G. "'The Transandean Railway from Arica, Chile, to La Paz, Bolivia.'" 70 *EN* 1059 (1913)
Schmidt, Hermann. *Das Eisenbahnwesen in der asiatischen Türkei* (1914)


Searles, P. "Difficulties of Construction Work on the Island of Guam." 97 *ENR* 106 (1926)

Semmel, Bernard. *Imperialism and Social Reform: English Social-Imperial Thought 1895-1914* (1968 [1960])


Shaw, R. "Migration and Employment in the Arab World: Construction as a Key Policy Variable." 118 *ILR* 589 (1979)


Sibert, William, & John Stevens. *The Construction of the Panama Canal* (1915)


Skelton, Oscar. *The Life and Times of Sir Alexander Tilloch Galt* (1920)

———. *The Railway Builders: A Chronicle of Overland Highways* (1920)


Smiles, Samuel. *The Life of George Stephenson and of His Son Robert Stephenson* (1868)

———. 1-2 Lives of the Engineers (1861)


Smith, Wilson. "Excavation and Foundation Work for the Kensico Dam." 71 *EN* 763 (1914)

Smyth, Hedley. *Property Companies and the Construction Industry in Britain* (1985)
Sohn-Rethel, Alfred. *Ökonomie und Klassenstruktur des deutschen Faschismus* (1973)

Sombart, Werner. 1 *Der moderne Kapitalismus* (1902)

———. 3 *Der moderne Kapitalismus: Das Wirtschaftsleben im Zeitalter des Hochkapitalismus* (1927)


Spender, J. *Weetman Pearson First Viscount Cowdray 1856-1927* (1930)


Stead, W. *The Americanization of the World: The Trend of the Twentieth Century* (1902 [1901])


Steele, E. *Palmerston and Liberalism, 1855-1865* (1991)


Stephenson, George Robert. “Address of the President.” 44 *MPICE* 2 (1876)

Stevens, G. 1 *Canadian National Railways: Sixty Years of Trial and Error* (1836-1896) (1960)

Stevens, H. “Some Road Building in the Philippines.” 50 *ER* 535 (1904)


———. *Henry Meiggs: Yankee Pizarro* (1968 [1946])


Bibliography

Stone, Charles. "Engineer's Relation to Foreign Expansion." 75 ER 5 (1917)
Strassmann, W. "Construction Productivity and Employment in Developing Countries." 101 ILR 503 (1970)
———. "The United States." In The Global Construction Industry 22
Strode, Hudson. The Pageant of Cuba (1936 [1934])
Sutton, Anthony. Western Technology and Soviet Economic Development 1917 to 1930 (1968)
———. Western Technology and Soviet Economic Development 1930-1945 (1971)
Suviranta, A. Labour Law and Industrial Relations in Finland (1987)
Taylor, Frank. "Builder No. 1." SEP, June 7, 1941, at 9
Taylor, George. The Transportation Revolution, 1815-1860 (1968 [1951])
Thackwell, H. "Tunnel Building in Nicaraguan Jungles." 86 ENR 821 (1921)
Thobie, Jacques. Intérêts et impérialisme français dans l'empire ottoman (1895-1914) (1977)
Thomas, Hugh. Cuba or the Pursuit of Freedom (1971)
Thompson, A. "The Labour Problem of the Panama Canal." 83 Engineering 589 (1907)
Thompson, Virginia. French Indo-China (1968 [1937])
Thompson, Wells. "Modern Factory Built in Korea." 1 CE 1275 (1931)
Thormer, Daniel. "Great Britain and the Development of India's Railways." 11 JEH 389 (1951)
Tincuazer, Eugen. "Der Bau des Panamakanals." 61 ZB 611 (1911)
Tomlin, Robert, Jr. "American Road-Building in French War Zone Organized." 80 EN 198 (1918)
Townsend, Mary. The Rise and Fall of Germany's Colonial Empire 1884-1918 (1930)
Trollope, Anthony. Doctor Thorne (1858)
———. North America (1951 [1862])
Tugan-Baranowsky, Michael von. Studien zur Theorie und Geschichte der Handelskrisen in England (1901)
Bibliography

Tupholme, C. “Akosombo: Key to a Stable Future.” IC, Apr. 1966, at 2
University of Ceylon. 3 History of Ceylon (K. de Silva ed., 1973)
Varga, E. Osnovye voprosy ekonomiki i politiki imperializma (posle vtoroi mirovoi voiny) (1953)
Vasil’ev, L. Mezhdunarodnye trudovye kollektivy stroitelei stran-chlenov SEV: praktika i perspektivy razviti (1987)
Vaughan, Adrian. Isambard Kingdom Brunel: Engineering Knight-Errant (1991)
Vaughan, Walter. The Life and Work of Sir William Van Horne (1920)
Verillo, Josmar. “Brazil.” In The Global Construction Industry 180
Vernon-Harcourt, L. Achievements in Engineering During the Last Half Century (1892)
Vevier, Charles. The United States and China 1906-1913: A Study of Finance and Diplomacy (1955)
Vignoles, Olinthus. Life of Charles Blacker Vignoles: Soldier and Civil Engineer (1889)
Wakeman, Frederic, Jr. The Fall of Imperial China (1977 [1975])
Wallace, H. “The Way to Abundance.” NR, Mar. 27, 1944, at 414
Waltershausen, A. Sartorius Freiherr von. Das volkswirtschaftliche System der Kapitalanlage im Ausland (1907)
Wäng Jing-chün. Railway Loan Agreements of China (1922)
Warne, William. The Bureau of Reclamation (1973)
Bibliography


Watson, Charles. *3 History of the Corps of Royal Engineers* (1954 [1914])

Weaver, Leon. "Raymond Concrete Pile Company." *4:6 AB 1* (1957)


Wells, David. *Recent Economic Changes* (1890)

Wennas, C. "Erecting the Bridge in the Heart of the Sudan." *40 ER 526* (1899)

Westwood, J. *A History of Russian Railways* (1964)


Wiener, Lionel. *Les Chemins de fer coloniaux de l'Afrique* (1930)

———. *L'Egypt et ses chemins de fer* (1932)


Wilgus, Horace. *A Study of the United States Steel Corporation in Its Industrial and Legal Aspects* (1973 [1901])


———, & Frank Hill. *American Business Abroad: Ford on Six Continents* (1964)


Willcocks, W. *2 Egyptian Irrigation* (3d ed. 1913)


Williams, Archibald. *How It Is Done; Or, Victories of the Engineer* (1908)

Williams, William. "Plant and Material of the Panama Canal." *19 TASCCE 273* (1888)


Williamson, Harold, & Kenneth Myers. *Designed for Digging: The First 75 Years of Bucyrus-Erie Company* (1955)

Wilson, Edmund. "Hoover Dam." *68 NR 66* (1931)


Wolfe, J. "Engineering Construction Work Under Foreign Laws." 89 *ENR* 559 (1922)


Woods, Edward. "Address of Mr. Edward Woods, President." 87 *MPICE* 1 (1886)


World Commission on Environment and Development. *Our Common Future* (1990 [1987])


Woytinsky, W., & E. Woytinsky. *World Commerce and Governments* (1955)


Yates, Ray. "New York State Barge Canal." 111 *SA* 492 (1914)


Young, Desmond. *Member for Mexico: A Biography of Weetman Pearson, First Viscount Cowdray* (1966)


Zander, Kurt. "Das Eisenbahnwesen der Türkei mit Berücksichtigung der wirtschaftlichen Entwicklungsmöglichkeiten der Bagdadbahn." In *Das Türkische Reich* 48 (Josef Hellauer ed., 1918)


**Newspapers, Periodicals, and Serials**

*America’s Builders*. 1952-1959

*Barge Canal Bulletin*. 1908-1919

*Baustatistisches Jahrbuch*. 1975, 1992

*Board of Trade Journal*. 1956-1970

*Bradshaw’s Shareholders’ Guide, Railway Manual and Directory*. 1855, 1864

*British Business*. 1982-1989

*Builder*. 1842-1863

*Business Week*. 1930-1993

*Civil Engineering*. 1930-1969


*Economist*. 1859-1992

*Engineer*. 1856-1939
Bibliography

Engineering. 1866-1940
Engineering-Contracting. 1908-1915
Engineering News. 1874-1917
Engineering News-Record. 1917-1994
Engineering Record. 1877-1917
Far Eastern Economic Review. 1990
Financial Times. 1976-1990
Financial World. 1976-1977
Frankfurter Allgemeine Zeitung. 1963, 1974
Fortune. 1933-1993
Génie Civil. 1880-1915
Handelsblatt. 1974
International Construction. 1962-1984
Minutes of the Proceedings of the Institution of Civil Engineers. 1842-1935
Moody's International Manual. 1991
Moody's Manual of Investments [various titles]. 1903-1964
Monthly Labor Review. 1935
National Cyclopedia of American Biography
Neue Deutsche Biographie.
Neue Zürcher Zeitung. 1974, 1977
Poor's Fiscal Records. 1941
Poor's Fiscal Volume. 1938
Poor's Industrial Volume. 1937
Proceedings of the American Society of Civil Engineers. 1876-1955
Railway Age. 1881-1903
Schweizerische Bauzeitung. 1883-1935
Spiegel. 1975
Survey of Current Business. 1975, 1993
Time. 1931-1954
Times [London]. 1855-1919
Trade and Industry. 1972-1979
Transactions of the American Society of Civil Engineers. 1867-1939
Wall Street Journal. 1963-1993
Water Power. 1949-1970
Zeitschrift für das Bauwesen. 1888-1911

Government Documents

France

"Rapport fait au nom de la commission du budget chargée d'examiner le projet de
loi portant fixation du budget général de l'exercice 1905 (chemins de fer
colonies)." In 66 ACDDP, Annexes No. 1959 et 1960, at 1867 (Session
ordinaire de 1904, Pt. 2, July 4-13, 1904. 1905) (written by M. Bourrat)

Germany

Die Eisenbahnen Afrikas: Grundlagen und Gesichtspunkte für eine koloniale
Eisenbahnpolitik in Afrika. In SBVR, 12th Legis. Per., 1st Sess., 241 ASB.
Doc. No. 262 (1907)
Reichstag. SBVR, 11th Legis., 1st & 2d Sess. (1904-1906)
Bibliography

Statistisches Bundesamt. SJ 1976 für die Bundesrepublik Deutschland (1976)

Great Britain

Ceylon Railway (45 PP 1860 [111])
Correspondence Relating to Railway Construction in Niger (Cd. 2787, 78 PP 1906 [21])
General Act of the Brussels Conference, 1889-90 (Cd. 6048, 50 PP 1890 [1])
“Minute by His Excellency Sir John Lawrence, Governor General, dated 9th January 1869: Railway Extension in India.” In East India (Railways) (47 PP 1868-69 [129])
“Minute by the Most Noble the Governor-general; dated the 20th April 1853.” In Railways (India) (76 PP 1852-53 [481])
Papers Relating to the Affairs of the Ceylon Railway (C. 289, 47 PP 1871 [605])
Papers Relating to the Construction of Railways in Sierra Leone, Lagos, and the Gold Coast (Cd. 2325, 56 PP 1905 [361])
Papers Respecting Proposed Railway from Mombasa to Lake Victoria Nyanza (C:- 6560, 16 PP 1892 [27])
Parliamentary Debates (Hansard). 1854-1900
Private Enterprise in British Tropical Africa (Cmd. 2016, 8 PP 1924 [195])
Report from the Select Committee on East India (Railways) (14 PP 1857-58 [161])
Report from the Select Committee on Euphrates Valley Railway (9 PP 1872).
Report from the Select Committee on Railway Enactments (14 PP 1846 [590])
Report from the Select Committee on Railway Labourers (13 PP 1846 [530])
Report from the Select Committee on the Growth of Cotton in India (9 PP 1847-48 [1])
Report on the Construction and Working of the Mombasa-Victoria (Uganda) Railway and Steamboat Services on Lake Victoria, 1903-1904 (Cd. 2332, 13 PP 1905 [317])
Report to the Board of Trade of the Empire Cotton Growing Committee (Cmd. 523, 16 PP 1920 [16])
Reports of Her Majesty’s Colonial Possessions for the Year 1862: Part II (40 PP 1864 [3309-11])
Reports Showing the Present State of Her Majesty’s Colonial Possessions for the Year 1863: Pt. I—West Indies and Mauritius (58 PP 1867 [3812])
Reports Showing the Present State of Her Majesty’s Colonial Possessions for the Year 1868: Pt. III (C. 151, 59 PP 1870)
Reports Showing the Present State of Her Majesty’s Colonial Possessions for the Year 1867, Part III: Eastern Colonies (43 PP 1868-69 [4090-1])
Central Statistical Office. AAS 1975 (No. 112, 1975)

Iran


Iraq

Bibliography

New Zealand

Report of the Committee of Inquiry into Industrial Relations on the Whangarei Refinery Expansion Project at Marsden Point (1985)

Saudi Arabia


U.S.S.R.

Tsentral'noe Statisticheskoe Upravlenie pri Sovete Ministrov SSR. Narodnoe khoziaistvo SSSR v 1974 g.: Statisticheskii ezhegodnik (1975)

United Nations

——. Third Annual Report 1947-1948 (1948)
——. Economic and Social Effects of Multinational Enterprises in Export Processing Zones (1988)
——. "International Contract Migration in the Light of ILO Instruments, with Special Reference to Asian Migrant-Sending Countries" (International Migration for Employment Working Paper 8, 1982) (written by W. Böhnning)
——. "International Labour Migration and the Asean Countries" (International Migration for Employment Working Paper 13, 1982) (written by C. Stahl)
——. Meeting of Experts on Problems of Foreign Construction Workers Employed in European Countries (1979)
Bibliography


7th Sess., Report II: Technological Changes in the Construction Industry and Their Socio-Economic Consequences (1964)


Measures to Overcome Obstacles to the Observance in the Construction Industry of ILO Standards (1986)


The Rights of Migrant Workers: A Guide to ILO Standards for the Use of Migrant Workers and Their Organisations (1986)


Indonesia: Sustainable Development of Forests, Land, and Water (1990)

IDA, & IFC. Policies and Operations (1971)

United States

U.S. National Study on Trade in Services: A Submission by the United States Government to the General Agreement on Tariffs and Trade (n.d. [1984])


U.S. International Trade and Investment in Services: Data Needs and Availability (Staff Paper 41, 1984) (written by Obie Whichard)


Labor Law and Practice in Saudi Arabia (Rep. No. 269, 1964)

Labor Law and Practice in the Kingdom of Saudi Arabia (Rep. No. 407, 1972)

The Structure of the U.S. Economy in 1980 and 1985 (Bull. No. 1831, 1975)


Fifteenth Census of the United States: 1930: Construction Industry (1933)
Bibliography


1987 CoM: Concentration Ratios in Manufacturing (1992)


Bureau of Foreign and Domestic Commerce. The Construction Industry (Market Research Ser. No. 10.1, 1936) (written by H. Bookholtz & C. Judkins)

Railways of Central America and the West Indies (Trade Promotion Ser. No. 5, 1925) (written by W. Long)

Railways of South America. Pt. I: Argentina (Trade Promotion Ser. No. 32, 1926) (written by George Brady)

Railways of South America. Pt. II (1927) (written by W. Long)

Railways of South America. Pt. III: Chile (Trade Promotion Ser. No. 93, 1930).


The Story of Boulder Dam (Conservation Bull. No. 9, 1941)

Congress. Congressional Record. 1986, 1993


Department of the Army. The History of the US Army Corps of Engineers (n.d. [1986])


Department of the Navy. Southeast Asia: Building the Bases, The History of Construction in Southeast Asia (n.d. [1975]) (written by Richard Tregaskis)


Foreign Builders Target the United States: Implications and Trends (NTIS PB88172457, 1988)

Bibliography


U.S. Business Investments in Foreign Countries: A Supplement to the Survey of Current Business (1960)


Foreign Assistance and Related Agencies Appropriations for 1964: Hearings Before the Senate Committee on Appropriations. 88th Cong., 1st Sess (1963)

Panama Canal Equipment. S. Doc. No. 258, 63d Cong., 1st Sess (1914)

Report of the Committee of the Senate upon the Relations Between Labor and Capital (1885)

Sale of Foreign Bonds or Securities in the United States: Hearings Before the Senate Committee on Finance. 72d Cong., 1st Sess. (1931-32)


To Amend the National Labor Relations Act, 1947, with respect to the Building and Construction Industry: Hearings Before the Subcommittee on Labor and Labor-Management Relations of the Senate Committee on Labor and Public Welfare. 82d Cong., 1st Sess. (1951)


Conventions, Statutes, and Regulations

New Zealand


Saudi Arabia


United Arab Emirates


United Nations
ILO Convention No. 87: Convention Concerning Freedom of Association and Protection of the Right to Organise (1948)
ILO Convention No. 97: Concerning Migration for Employment (1949)
ILO Convention No. 98: Convention Concerning the Application of the Principles of the Right to Organise and to Bargain Collectively (1949)

United States

S. Res. 169. 63d Cong., 1st Sess. (1913)
Act of Mar. 12, 1914, ch. 37, 38 Stat. 305
Boulder Canyon Project Act, ch. 42, 45 Stat. 1057 (1928)
40 U.S.C. §§ 321, 324 (1934)
Philippine Trade Act of 1946, ch. 244, 60 Stat. 141
Buy American Act, 41 U.S.C. §§10b-1(a)(2) and (g) (Supp. 1991)

NLRB General Counsel Advice Memorandum, Case No. 19-CC-1300, 1981 NLRB
GCM Lexis 95

Cases

Finland

Työtuomioistuimen Vuosikirja. TT 1979 No. 169
TT 1980 No. 135

New Zealand

Whangarei Refinery Expansion Project, Arbitration Court, Decision No. 162/82, [1982] NZILR 597
Arbitration Court Decision No. 198/82, [1982] NZILR 605

United States

Dowd v. International Longshoremen’s Ass’n, 975 F.2d 779 (11th Cir. 1992)
Freeport Transport Inc. v. Carr, 220 N.L.R.B. 833 (1975)
Great Lakes Dredge & Dock Co. v. United Marine Division, 240 N.L.R.B. 197 (1979)
Huntley v. Empire Engineering Corp., 211 F. 959 (2d Cir. 1914)
Bibliography

International Longshoremen’s Ass’n v. Coastal Stevedoring Co., 313 N.L.R.B. No. 53 (1993)
S. Pearson & Son, Inc. v. State, 182 N.Y.S. 481 (Ct. Cl. 1920)
Six Companies, Inc. v. Stinson, 58 F.2d 649 (D. Nev. 1932)

Privately Published Firm Histories and Materials

ABB Lummus Crest. “ABB Lummus Crest: Process Technologies and Full-Scope Services” (n.d. [ca. 1992])
———. “Lummus Olefins Technology for Today’s Process Industries” (n.d. [ca. 1992])
Badger. “Construction Services” (n.d.)
———. Lubricating Oil and Wax Production (n.d. [ca. 1990])
Bechtel Corp. The Arab Lands: An Age of Change (n.d. [ca. 1979])
———. Facts About Bechtel (n.d. [ca. 1968])
———. 1991 Bechtel Report to Employees
Bonny, J. Morrison-Knudsen Company, Inc.: ‘Fifty Years of Construction Progress’ (1962)
———. Brownbuilder, No. 1 & 2, 1992
———. A World of Services (n.d. [ca. 1992])
Christiani & Nielsen. 75 Years of Civil Engineering 1904-1979 (Leif Nielsen ed., 1979)
Costain Group PLC. “Company Milestones” (Sept. 30, 1992)
———. Costain Group (n.d. [ca. 1990])
DYWIDAG. Dyckerhoff & Widmann AG 125 Years (n.d. [1990])
Fluor Corporation. Heritage (n.d. [ca. 1989])
George A. Fuller Company. George A. Fuller Company: General Contractors 1882-1937 (1937)
———. Die Bauabt. No. 139, Apr. 1993
———. Hochtief 1873-1975 (n.d. [1975])
———. Geschäftsbericht 1992
Bibliography

—. Hafen Damman Saudi Arabien (n.d. [1976])
—. Medizinisches Zentrum in Riyadh Saudi-Arabien: Schlüsselfertige Planung
   und Ausführung (1980)
—. Philipp Holzmann Aktiengesellschaft im Wandel von Hundert Jahren
—. Das umfassende Leistungsangebot der Holzmann-Gruppe (1992)
Ingram, Robert. The Bechtel Story: Seventy Years of Accomplishment in
   Engineering and Construction (1968)
—. A Builder and His Family: 1898-1948 (1961 [1949])
Jones, Edwin. J.A. Jones Construction Company (1965)
Kaiser Industries Corporation. The Kaiser Story (1968)
M.W. Kellogg. "The M.W. Kellogg Company" (n.d.)
—. "The M.W. Kellogg Company: Service to the Industry Worldwide Since
   the Turn of the Century" (n.d. [1992])
—. "MK’s Major Projects" (n.d. [ca. 1993])
—. "Partial Listing of Countries with MK Projects" (n.d. [ca. 1992])
—. "The Parsons Story" (mimeo, n.d. [ca. 1970])
Samsun Harbour in Turkey: A Joint Enterprise of the Companies Rar-Insaat Türk,
   Philipp Holzmann, Hochtief (n.d. [1961])
Seventy Years: The Foley Saga (n.d.)
Société de Construction des Batignolles. L’Oeuvre d’un siècle 1846-1946 (1952)
Stone & Webster, Inc. "Burgeoning Workload in the Pacific Rim" (n.d.)
Trafalgar House Public Limited Company. "Background Information" (July 1993)
—. Reports and Accounts (1992)
Warren Brothers Company. Historical Review of the Warren Brothers Company
   Contract with the Government of Cuba for Construction of a Part of the
   Cuban Central Highway (n.d. [1936])
—. The Largest Highway Contract in History (n.d. [ca. 1929-30])
—. "Reflections: 1900-1975." The Spreader, Fall 1975, at 2
   and Its Founders." (1969 [1965])
Wayss & Freytag. 100 Jahre Wayss & Freytag 1875-1975 (n.d. [1975])
White, Valerie. Wimpey: The First Hundred Years (1980)
Wimpey: The International Construction Group (n.d.)

Dissertations and Theses

Cassimatis, Peter. "The Performance of the Construction Industry" (Ph.D., New
   School for Social Research, 1967)
Lapkin, David. "Building Construction and Business Cycles 1870-1938" (Ph.D.,
   Columbia University, 1957)
Mills, Daniel. "Factors Determining Patterns of Employment and Unemployment
   in the Construction Industry of the United States" (Ph.D., Harvard
   University, 1967)
Visvanathan, Shanmugan. "International Construction Industry" (M.A., University
   of Texas at Austin, 1990)
Index

Abbas Pasha, 46
Abs, Hermann, 80
Actiengesellschaft für Hoch- und Tiefbauten, 87; see also Hochtief
Adams, Edward Dean, 92
Aden, 130, 136
Afghanistan, 53, 129, 209
AFL-CIO Building & Construction Trades Dept., 192
Aird, John, 84-85, 109
Aird, John & Sons, 49
Aktiengesellschaft für Verkehrswesen, 83
Alaska, 3
Alaskan-Canadian Highway, 127
Albert Canal, 90
Algeria, 71
Allgemeine Elektrizitätsgesellschaft, 82, 87
Alton, William, 46
Aluminum Co. of Canada, 129
American & Foreign Power Co., 103
American Bridge Co., 98-99, 103, 115, 129
American Contracting & Dredging Co., 105
American International Corp., 107-10, 112, 113
American National Housing Corp., 200
Amsterdam Chamber of Commerce, 69
Anatolia, 73, 77
Andes: construction of railways in, 51
Anglo-Iranian Oil Co., 136
Antiunionism, 190-95
Aramco, 126, 130
Argentina: construction of railways in, 38-39, 51
Arrowrock Dam, 121
Asea Brown Boveri, 199-200
Aspinwall, William, 95
Associated General Contractors of America (AGCA), 121, 122
Aswan Dam, 49, 85, 109
Aswan High Dam, 143-44
AT&T, 177, 188
Atchison, Topeka, & Santa Fe Railroad, 96
Atlantic & Great Western Ry, 43, 91
Atlantic, Gulf & Pacific Co., 103
Atlas Constructors, 129-30
Austin Co., 110, 111
Australia: construction of railways in, 43; exports of prefabricated structures to, 10; proletarianization of settlers in, 11
Azores, 130
Badger Co., 110, 128, 130, 164, 218
Baghdad Railway, 73-75, 77-80; and German-British conflicts, 79
Bahia & San Francisco Ry, 45
Bahrain, 130
Balaklava, 39
Balfour, Beatty & Co., 90
Balloon frame wooden house, 10
Banana line, 83
Barbados: export of prefabricated lighthouse to, 10; shipment of workers from to Africa to build railway, 46; workers from on Panama Canal, 106
Baring & Glyn, 42
Barratt, 200
Bechtel, Stephen, 119, 131, 196
Bechtel, Warren A., 125, 131; as
president of AGCA, 121, 122; involvement of in construction of Boulder Dam, 114, 121, 122, 124; origins of construction business of, 120
Bechtel Corp., 5, 20, 21, 151, 188, 202, 217; and acquisition of investment banking firm by, 198; and Third World development, 219; as nuclear reactor construction oligopolist, 197; assumption of equity in own projects by, 205; construction of prisons by, 191; cooptation of high-ranking state officials by, 143; discharge of engineers by, 190-91; diversification into mining by, 205; early post-World War II international projects of, 129, 130, 131; international intensity of, 155, 176; internationalizing impact of World War II on, 126, 127, 128; involvement in Middle East of, 189-90, 218; shift to petrochemical industry by, 125-26; size of, 133, 176; transition to nonunion operation by, 195; treatment of Third World workers by, 158-59
Bechtel Group, Inc., 195
Bechtel-McConne-Parsons Corp., 125, 127
Becon Construction, 195
Belgian Congo, 46
Bellhouse, E. T., 10, 85
Benz v. Compania Naviera Hidalgo, S.A., 162-63
Berger, Julius, 87, 89, 127, 139
Berliner Handels-Gesellschaft, 82
Bermuda, 130
Betts, Edward: acquisition of engineering knowledge by, 27; as quasi-apprentice to George Stephenson, 26
Bidder, George, 45
Bilfinger & Berger Bau AG, 199
Bilfinger & Grün, 127
Bismarck, Otto von: social-imperialist policy of, 80-81
Bitulithic pavement, 113
Black, Eugene, 144
Bleichröder, S., 82
Boeing, 176, 188
Bonneville Dam, 124
Borel-Lavalley et Cie., 46
Borelli, 60
Boulder Canyon Project, 121
Boulder (Hoover) Dam, 114, 121-24
Bouygues, 147, 201
Brasse, Thomas, 15, 20-21, 72, 74, 205; and subcontracting, 30-31; as manager of large labor force, 28; completion of first railway contract by, 19; construction of Grand Trunk in Canada by, 41-42; construction of railway in Australia by, 43; construction of railway in India by, 40-41; construction of railway in Mauritius by, 55; construction of railways in Europe by, 37-38, 68; engineering staff of, 28; first contract performed by outside Britain, 37; modest origins of, 36; payment to in land for construction of railway in Argentina, 38-39; relationship of to engineers, 27;
Braun, C. F., 134, 176
Brazil: and hydroelectric projects in, 214-15; construction firms in, 202, 214-15; de-peripheralization of, 5-6, 145, 214-15; obstacles to creation of proletariat in, 45; railway construction in, 16, 51, 52
Bricklayers' Union, 100
Bridge-building, 71; competition in between British and U.S. firms, 97-99; in Africa, 15-16; Australia, 97; Burma, 97; China, 97; Egypt, 71; Greece, 71; Japan, 97; Korea, 97; Portugal, 71; Russia, 72; Sudan, 98; Sweden, 85-86; Uganda, 98-99
Bridges, 17
Briggs, Asa, 18
Brindley, James, 28
British construction firms, 7; competition of with German firms, 88; concentration among, 204; dependence of on Middle East, 147; post-World War II international volume of, 137-38; reliance on former British colonial markets, 140, 208; size structure of, 181
British Cotton Growers' Association, 214
Brown, John, Engineers & Constructors, Ltd., 204
Brown & Root: antiunion policies
Index

of, 192, 195; as mainstay of U.S.
military, 132-33, 169, 209; as
offshore-oil construction
oligopolist, 196-97; assumption of
equity in own projects by, 205;
mass discharges by, 191; origins
of, 119; size of, 176
Brunel, Isambard Kingdom, 25, 29;
defense of subcontracting by, 31-
33
Brussels Conference of 1890: on
construction of railways in Africa
and slavery, 62
Buenos Aires: export of
prefabricated gas works to, 10
Bull & Co., 165
Burma, 53
Business Advisory Council, 131
Business Roundtable, 194
Business Week, 148
Cabora Bassa Dam, 210
California: proletarianization of
settlers in, 11
Caltex, 126
Canada, 120, 132; building of
railways in, 41-42, 96
Canal building, 28
Canol pipeline, 126
Cape-to-Cairo Railway, 50, 59
Carretera Central, 113-14; see also
Central Highway
Cassel, Ernest, 109
Catskill water supply system, 93
Cerro del Pasco, 96
Census of Construction Industries,
181
Central America: highway
construction in, 126
Central Highway, 121; see also
Carretera Central
Ceylon: construction of railways in,
56-57
Chamberlain, Joseph, 58
Chase National Bank, 108, 114
Chemical industry: impact of on
internationalization of
construction, 133-34
Chile, 113
China: construction of railways in,
17, 63-65; People’s Republic of,
144, 198, 219-20
China Civil Engineering
Construction Corp., 160-61
Chiyoda, 164
Christiani & Nielsen, 85-86, 88, 90,
139, 142
Cleveland Bridge & Engineering
Co., 90, 101, 135
Coffee, 56
Collbran & Bostwick, 102
Collins Bros., 96
Colombia, 73; highway construction
in
Colonial powers: railway policies of,
62-63
Colonies: extraction of resources
from, 5; proletarianization of white
settlers in, 11; railway construction
as method of creating wage labor
in, 62; role of European
construction-engineering firms in,
5, 14; various systems for building
railroads in, 61
Compagnie Universelle du Canal
Interocéanique, 3, 105
Compagnie Universelle du Canal
Maritime de Suez, 76
Compañía Cubana de Contratistas,
113
Compañía General de Obras
Publicas (Geope), 88
Consolidated Steel Co., 125
Construction: and development, 4
Construction contracting: division of
labor between engineering and, 25-
28
Construction contractors: as
apprentices of engineers, 26; as
free-lancers, 35, 62; as
international carriers of
engineering technology, 15-16; as
required to deposit bonds, 26; as
Schumpeterian innovators, 18;
social historiography of, 74
Construction engineering: and first
British railways, 25; differences
between British and French, 26-27
Construction firms: diversification
into mining by, 204-205; largest in
U.S., 167-81; largest in world,
182-88; operations of in Third
World, 5-6; vertical integration in,
216
Construction industry: accumulation
and concentration of capital in, 6,
197-99; as compared with
manufacturing, 3, 177, 180-81; as
paradigm of perfect competition, 4;
as producer of fixed capital, 6;
competition in between U.S. and European firms, 135, 140-44; economies of scale in, 15; exceptionalism of, 4; international mobility of fixed capital in, 3, 43, 151-52; internationalization of, 13-21; location dependence of, 9-10; monopolistic competition in, 14-15, 196-97; see also internationalization of construction

Construction machinery: exports of, 115-16, 146, 151-52

Construction management, 168

Construction Users Anti-Inflation Roundtable, 194

Construction workers: as international strikebreakers, 165; Barbadian on Panama Canal, 106; British in Middle East, 153; comparison of intensity of work between U.S. and British, 100; economic inability to bring wage suits, 31; fatalities among, 105; female, 152 n.11; international mobilization of, 42-46, 99, 152-66; Italian on Baghdad Railway, 79-80; Italian in South West Africa, 82; Italian in Third World, 153; Jamaican in Ecuador, 103; Jamaican on Panama Canal, 105; mobility of, 3; mobilization of through subcontracting, 29-34; on Panama Canal, 153; on Suez Canal, 152-53; privileged access to by multinational firms, 15; racist attitudes towards, 106-107; risks of under subcontracting, 32; Spanish in Cuba, 103; suppression of "riots" by, 158-59; West Indian in Panama, 95

Construtora Norberto Odebrecht, 202

Contractor: origin of term, 28

Contractors' lines, 39

Coolies, 157; international employment of on railways, 3, 44, 83, 95, 154

Corps des Ponts et Chaussées, 27, 148

Corps of Royal Engineers, 148; activities of in Afghanistan and Burma, 53; in India, 57; in Sudan, 59

Corvée labor, 45-46

Costain, 136-37, 140, 141, 205

Cotton line, 82

Cotton production: in Egypt, 48-49, 76; in Sudan, 213-14

County Business Patterns, 181

Couvreux, 46

Couvreux et Hersent, 85, 105

Cowdray, Lord, 73

Crédit Mobilier, 38

Crimean War: railway construction during, 39-40

Crystal Palace, 33-34

Cuba, 95, 102-103, 111, 112, 113-15, 121

Cuba Co., 102

Cubitt, William, 85

Curacao, 126

Dady, Michael, 103

Dalhousie, Governor-General James Ramsay, 10th Earl of: and railway construction in India, 40-41; minute of 20 April 1853 of, 53-54

Daniel International, 176

Dar es Salaam, 11-12, 83

Darmstädter Bank, 81

Das Island, 158-59

Davy, 199, 201, 204

Day & Zimmerman Engineering & Construction Co., 115

Declaration of Principles Concerning Multinational Enterprises and Social Policy, 161

Departmental system, 58, 60

Derby, Earl of, 69

Dernburg, Bernhard, 81, 82

Detroit & Milwaukee Railroad, 91

Deutsch-Überseeische Elektrizitäts-Gesellschaft, 87

Deutsche Bank, 73, 77-78, 79, 83, 87, 88, 90, 92

Deutsche Kolonial-Eisenbahn-Bau und Betriebs-Gesellschaft, 81-82

Dhahran, 126, 130

Diaz, Porfirio, 73

Dillingham, 127, 199

Dillon, Read, 198

Direct foreign investment:
comparison of in manufacturing and construction, 13

Direct labor, 60

Disraeli, Benjamin, 69

Distant Early Warning Line, 132, 162

Dixon, John, 64

Dnieprostroi, 111
Dorman, Long & Co., 90, 101, 135
Douglas, Robert, 64
Dravo, 199
Dubai, 145, 155
Dunning, John, 158
DuPont, 88
Dyckerhoff & Widmann, 204

East African Railway Syndicate, 83
East Indian Ry Co., 40
Eastern Bengal Ry, 41
Ebasse Services, 129, 177, 197, 210
Eccles, Marriner, 124
Ecole des Ponts et Chaussées, 27
Economist, 42, 68
Economist Intelligence Unit, 159

Egypt: construction of Aswan Dam in, 48-49; construction of railway in, 46, 69; cotton growing in, 48-49, 76
Eiffel, Gustave, 11
Eiffel & Co.: bridge-building by in Europe, Asia, and South America, 71; exports by of prefabricated churches, 11
Electric light and power plants, 86
Empire Cotton-Growing Committee, 58
Empire Engineering Corp., 92-93
Engels, Friedrich, 11 n.14, 49 n.14, 74

Engineer, 56, 57, 64, 68
Engineering, 54-55
Engineering News, 96, 102, 105, 106
Engineering News-Record, 135, 167-69, 182, 186, 187, 192
Engineering Record, 97, 102

Engineering technology: international diffusion of, 15-17
Ente Nazionale Idrocarburi, 149
Environment: construction and, 6-7, 207, 209-15
Erie Canal, 93
Esso, 134
European Common Market, 140
European Community, 197, 201
European Economic Community, 141
Export processing zones, 219
Exports of prefabricated structures: after World War I, 12; from Sweden, 12; from U.S., 12-13
Extraterritoriality of labor law, 162-63

Fairbairn, William, Sons & Co., 10
Farm labor contractors: similarities between gangers and, 33
Fellahs: employment of to build Suez Canal, 45-46, 76
Ferguson, H.K., 110
Fiat, 139
Fichte, Johann, 48
Finnish Building Industry, 164
Finnish Building Workers’ Federation, 164
Finnish construction firms, 163-64
Finnish Labor Court, 164
Firestone Rubber Co., 112
Fluor Corp., 125, 130, 151, 155, 176, 177, 191, 198, 204-205
Fluor Daniel, 176, 195, 218

Forbes, 188
Ford Motor Co., 111
Foreign Assistance Act, 147-48
Fortune, 121, 131, 193
Foster Wheeler, 110, 128, 176, 177, 183, 218
Foundation Co., 110, 111, 112
Fox, Charles, 85
Fox & Henderson, 34
France: colonial rule of in Indochina; construction of railways in, 36, 37, 68; construction of railways by in China, 63
Freeport Minerals, 5
Freeport Sulphur Co., 103
French construction firms: concentration among, 204; contracts of in Middle East, 147; reliance by on former French colonial markets, 140
Fru-Con, 199
Fürstenberg, Carl, 82
Fuller, George A. Co., 100, 111, 199

Gangers, 29-33
Gasworks, 84-85
GATT Agreement on Government Procurement, 203
General Agreement on Tariffs & Trade, 165-66, 203
General Electric, 86
General Motors, 177, 193
General Telephone and Electric, 162
Génie Corps, 59, 148
Genoa: construction of grain silos at, 87
George, Henry, 11
<table>
<thead>
<tr>
<th>Index</th>
<th>264</th>
</tr>
</thead>
<tbody>
<tr>
<td>Georgine, Robert, 192</td>
<td></td>
</tr>
<tr>
<td>German construction firms, 73-74, 135, 137, 139, 148, 181, 199, 204</td>
<td></td>
</tr>
<tr>
<td>German Democratic Republic, 181</td>
<td></td>
</tr>
<tr>
<td>German East Africa: construction of railway in, 61; exports of prefabricated housing to, 11-12</td>
<td></td>
</tr>
<tr>
<td>German East Africa Society, 83</td>
<td></td>
</tr>
<tr>
<td>Gesellschaft für den Bau der Anatolischen Bahnen, 78</td>
<td></td>
</tr>
<tr>
<td>Ghana, 139, 155, 211-12</td>
<td></td>
</tr>
<tr>
<td>Girola, 139</td>
<td></td>
</tr>
<tr>
<td>Gladstone, William, 67</td>
<td></td>
</tr>
<tr>
<td>Glyn, George, 41</td>
<td></td>
</tr>
<tr>
<td>Goetzen, Count, 61</td>
<td></td>
</tr>
<tr>
<td>Golin, Ernest et Cie, 72</td>
<td></td>
</tr>
<tr>
<td>Grace, William, 96</td>
<td></td>
</tr>
<tr>
<td>Grace Bros. &amp; Co., 96</td>
<td></td>
</tr>
<tr>
<td>Grand Canal (China), 110</td>
<td></td>
</tr>
<tr>
<td>Grand Canal (Mexico), 72</td>
<td></td>
</tr>
<tr>
<td>Grand Coulee Dam, 123</td>
<td></td>
</tr>
<tr>
<td>Grand Trunk Ry, 41-42, 43, 96</td>
<td></td>
</tr>
<tr>
<td>Grant, Ulysses, 97</td>
<td></td>
</tr>
<tr>
<td>Great Britain: Air Ministry, 136; Ministry of Works, 137</td>
<td></td>
</tr>
<tr>
<td>Great Western Ry, 96</td>
<td></td>
</tr>
<tr>
<td>Greathead shield, 91</td>
<td></td>
</tr>
<tr>
<td>Greenland, 130, 162</td>
<td></td>
</tr>
<tr>
<td>Grissell, Henry, 10</td>
<td></td>
</tr>
<tr>
<td>Grissell, Thomas, 37</td>
<td></td>
</tr>
<tr>
<td>Grün &amp; Bilfinger, 87, 89</td>
<td></td>
</tr>
<tr>
<td>Guam, 102, 111, 132</td>
<td></td>
</tr>
<tr>
<td>Guano, 44, 96</td>
<td></td>
</tr>
<tr>
<td>Guayaquil &amp; Quito Ry, 103</td>
<td></td>
</tr>
<tr>
<td>Haiti, 111</td>
<td></td>
</tr>
<tr>
<td>Halliburton Corp., 197</td>
<td></td>
</tr>
<tr>
<td>Harbors, 72; construction of at: Amsteram, 89; Antwerp, 85; Cartagena, 115; Dublin, 89; Gdynia, 89; Montevideo, 85; Petrograd, 89; Reval, 86-87; Riga, 89; Rotterdam, 89; St. Petersburg, 86-87; Singapore, 85; Tangier, 86-87; Valparaiso, 85; Veracruz, 72</td>
<td></td>
</tr>
<tr>
<td>Hawaii, 102</td>
<td></td>
</tr>
<tr>
<td>Hawkesbury Bridge, 97</td>
<td></td>
</tr>
<tr>
<td>Hawkshaw, John, 25, 56</td>
<td></td>
</tr>
<tr>
<td>Hebard, R.W. &amp; Co., 112</td>
<td></td>
</tr>
<tr>
<td>Helfmann Brothers, 87</td>
<td></td>
</tr>
<tr>
<td>Helms, Richard, 143</td>
<td></td>
</tr>
<tr>
<td>Hercules Powder, 125</td>
<td></td>
</tr>
<tr>
<td>Hereros, 81, 82</td>
<td></td>
</tr>
<tr>
<td>Herodotus, 105</td>
<td></td>
</tr>
<tr>
<td>Hersent, 89</td>
<td></td>
</tr>
<tr>
<td>Hirsch, Baron Maurice, 38</td>
<td></td>
</tr>
<tr>
<td>Hobsbawm, Eric, 74</td>
<td></td>
</tr>
<tr>
<td>Hochtief, 140: acquisition of competitors by, 201, 204; acquisition of Eastern European firms by, 220, and Cabora Bassa, 211; construction work for Nazi Germany by, 127; post-World War I canal construction in France and Belgium by, 89, 90; post-World War II resumption of international work by, 137; see also Aktiengesellschaft für Hoch- und Tiefbauten</td>
<td></td>
</tr>
<tr>
<td>Hoechst, 216</td>
<td></td>
</tr>
<tr>
<td>Holzmann, Philipp &amp; Co., 74 n.22, 85, 90, 109, 160; acquisition of J. A. Jones by, 199, 205; and construction for Nazi Germany, 127-28; and construction of Baghdad Railway, 77-80; and construction of electrical plant in Buenos Aires, 87; and construction of harbors, 86-87, 89; and construction of railways in Africa, 83-84; and post-World War II resumption of international contracts of, 137; as employer of foreign workers in Germany, 165; buys stock in other German firms, 204; construction by in U.S., 92-93; mass dismissals by, 191; subsidiaries of in South America, 88</td>
<td></td>
</tr>
<tr>
<td>Hong Kong, 145</td>
<td></td>
</tr>
<tr>
<td>Hoover, Herbert, 121, 122</td>
<td></td>
</tr>
<tr>
<td>Hottentots, 81</td>
<td></td>
</tr>
<tr>
<td>Huere, Slaven &amp; Co., 105</td>
<td></td>
</tr>
<tr>
<td>Hydroelectric projects, 18, 211-14</td>
<td></td>
</tr>
<tr>
<td>Hyundai Engineering &amp; Construction, 202</td>
<td></td>
</tr>
<tr>
<td>IBM, 188</td>
<td></td>
</tr>
<tr>
<td>Iceland, 130</td>
<td></td>
</tr>
<tr>
<td>IFP-Technip, 216</td>
<td></td>
</tr>
<tr>
<td>Impregilo, 139</td>
<td></td>
</tr>
<tr>
<td>Impresit, 139</td>
<td></td>
</tr>
<tr>
<td>India: Department of Public Works, 57; middleman system in, 31; railway construction in, 40-41, 49</td>
<td></td>
</tr>
<tr>
<td>Indonesia, 5, 145</td>
<td></td>
</tr>
<tr>
<td>Infrastructure 18, 54; as general conditions of production, 47</td>
<td></td>
</tr>
<tr>
<td>Institution of Civil Engineers, 26</td>
<td></td>
</tr>
</tbody>
</table>
Index

32, 43, 45, 47, 55, 57, 99, 101
Inter-American Highway, 126
International Bank for
Reconstruction and Development
(IBRD), 208-209; see also World
Bank
International Brotherhood of
Electrical Workers, 162
International construction: paradox
of, 4
International labor law, 158-64
International Labour Organisation,
158; conventions of, 161
Internationale Baugesellschaft, 78
Internationalization of construction:
and intra-European competition,
141-42, 201-202; causes of, 13-21;
impact of German reparations on,
90; impact of Great Depression on,
89-90; impact of OPEC boom on,
145-50; impact of World War I
on, 87-88, 108-109; impacts of
chemical and petrochemical
industries on, 133-34
Interpenetration of advanced
capitalist countries' construction
markets, 14, 142, 186-87, 197-204
Iran, 129, 143, 162, 189, 209
Iraq, 145, 189-90, 209
Isma'il Pasha, 69, 76
Isthmian Canal Commission, 3, 107,
121, 157
Istituto per la Ricostruzione
Industriale, 149
Italian construction firms, 149, 183,
186
Italian construction workers:
employed in Germany, 165
Italimpianti, 149
Jackson, Sir John, 85
Jackson, Sir John, Ltd., 72, 85
Jackson, Thomas, 27, 31 n.51
Japan: construction in by U.S.
firms, 110, 111, 112;
construction of first railway in,
16; construction of railways in
Korea and Formosa by, 65;
Japan Oil Co., 111
Japan Steamship Co., 111
Japanese construction firms:
internationalization of through
reparations, 139-40; involvement
of in Middle East, 149; operating
in U.S., 198, 203; world-market
orientation of, 186
Jardine, Matheson, 63-64
Johnson, Lyndon, 119
Johnson Construction Co., 90
Jones, J. A., 129, 132, 145, 169, 205
Kaiser, Henry J.: and Boulder Dam,
121-24; and Central Highway in
Cuba, 114; and collaboration with
Bechtel, 125; and development of
West, 205, 210; and World War II,
127; origins of construction
business of in Canada, 96, 120,
121; vertical integration of, 131,
132
Kaiser Aluminum, 212
Kaiser Engineers & Constructors,
129, 176, 212
Kaiser Paving Co., 114, 120
Kajima, 198
Kandyan Highlands, 56
Kariba Dam, 139, 212-13
Kellogg, M.W., 111, 116, 128, 134,
176, 196, 218
Kensico Dam, 92-93
Kerbaugh, H.S., Inc., 92
Kerbaugh Construction, 92
Kerbaugh Empire, 92
Kiewit, 205
Kinderlehrer, Charles, 14, 17, 21
Kitchener, Lord, 98
Knudsen, Morris, 120
Koppel, Arthur, 82
Korea: construction in by U.S.
firms, 110
Korean War, 129, 130, 217
Krupp, Friedrich, 71, 82, 86
Kuwait, 136, 189
Kuwait Oil Co., 218
Laing, John, 136, 137, 140
Lake Gatun, 106
Las Vegas, 122
Latin America: as area of contested
colonial control, 86; construction
of railways in, 17
Lawrence, John, 57
Ledebour, Georg, 81
Leighton Holdings, Ltd., 201
Lenz, Friedrich, 82-83
Lenz & Co. GmbH, 82
Lesseps, Ferdinand de, 3, 45-46, 67,
69, 105
Liberia, 112
Locke, Joseph, 19, 25-26, 27, 37,
43, 68
Lodigiano, 139
London & North Western Ry, 37
London & Southampton Ry, 37
London, Chatham, & Dover Ry, 42
London County Council, 60
Lucas & Aird, 59, 72, 85
Lummas, 110, 128, 134, 176, 200
Lump (of labor), 31, 33
Luxemburg, Rosa, 43, 74-77
Machado, Gerardo, 113, 114-15
Madeira & Mamorée Ry, 96
Manning Portable Colonial Cottage for Emigrants, 10
Manufacturing: compared with construction, 3
Marshall, Alfred, 100
Marshall Ford Dam, 119
Marshall Plan, 128, 208
Marx, Karl, 37, 50, 60, 67, 74; on general conditions of production, 54; on relationship between higher productivity and intensity of labor and higher wages paid to English workers in colonies, 44, 106
Maschinenbaugesellschaft Nuremberg, 83
Mauritius: construction of railways in, 49-50, 55-56; sugar cane monoculture of, 50, 56
Mazda, 198
McCone, John A., 125, 197
McDermott, Ray & Co., 196-97
McDermott International, 218
McDonald, James P. Co., 103
McKee Corp., 111
McKeon Construction, 200
Mead, Elwood, 123
Meiggs, Henry, 17-18, 44, 96, 154
Merit shop, 191, 198
Mersey Tunnel Power Station, 100-101
Metropoles: projection of power of to Third World, 6
Mexico: construction of railways in, 51-52, 96-97, 112, 121; foreign engineers in, 17
Mexican Southern Ry, 97
Middle East: construction in 4, 7-8, 14, 145-50, 156, 158, 172, 183, 186
Mining: diversification into by multinational construction firms, 204-205
Mitsui Co., 111
Mitsui Toatsu Chemicals, 216
Mobil, 217
Molesworth, Guilford, 57
Molesworth, Henry Bridges, 99
Moore, John, 143
Morgan, House of, 98, 108
Morgan, J. P., 99, 131, 143
Morris, William, 56-57
Morrison, Colonel: surveyor general of Mauritius, 55-56
Morrison, Harry, 120
Morrison Knudsen, 148, 205, 214; and Boulder Dam, 121, 122, 124; and early post-World War II internationalization of, 127, 128-30, 131; and Third World, 145, 207, 208, 209-10; as U.S. military constructor, 132, 169; impact of depression on, 191; international intensity of, 176, 177; origins of, 120-21
Mosel Canal, 90
Mozambique, 211
Multinational construction firms: and construction of prisons by, 191; as transferors of technology, 215-18; compulsion for to valorize capital, 20-21; relationship between processors and, 216-17; tripartite classification of, 19-21
Napoleon III, 46, 76
National City Bank, 107, 108
National Constructors Association (NCA), 192-95
National Labor Relations Act (NLRA), 162-63
National Labor Relations Board (NLRB), 162-63, 195
Navvies, 28-29, 43
Nazi Germany: operation of construction firms in and for, 127-28
New International Division of Labor, 5, 35, 215
New South Wales: invitation by to Peto, 40
New World Order, 217
New York State Barge Canal, 92-93
New York Times, 107-108
New Zealand Federation of Labour, 164
New Zealand Refining Co., 164
Newly Industrializing Countries,
Index

202, 214
Nigeria, 145
Nizhni Novgorod, 111
Northern Mariana Islands, 157
Norton-Griffiths, John, 45, 93, 154
Nuclear power plants, 18, 197
Offshore drilling, 119, 196-97
Ottawa, 198
Oman, 157
OPEC, 7, 14, 145-50, 172, 189
Open shop, 125, 191-95
Oroya Railroad, 96
Otavi Ry, 82
Overend, Gurney, 42
Overseas Consultants, Inc., 210
Overseas Craftsman’s Association, 153 n.16
Owen Falls hydroelectric project, 139
Pacific Naval Air Bases (PNAB), 126-27, 131
Padrone system, 92
Pakistan, 129, 209
Palmerston, Lord: on truck legislation, 40; opposition of to Suez Canal, 66-69
Pan-American Highway, 88, 115, 126
Panama Canal, 3, 75, 93, 95, 103-107, 121, 124, 126, 157
Panama Railroad, 95
Parsons Co., 130
Pauling, George, 15, 50, 59
Peabody Coal, 205
Pearson, S., & Son, 66, 72, 78, 85, 86, 91, 92, 93, 109, 213-14
Pearson, Weetman, 72-73, 91, 92, 93; see also Lord Cowdray
Pencoeyd Iron Works, 59, 98, 103
Pennsylvania Railroad Co., 92
Pennsylvania Steel Co., 97
Perreire brothers, 38
Persian Gulf, 73, 79, 189
Peru, 18, 44, 96
Peto, Henry, 36
Peto, Samuel Morton, 15, 20, 27, 91, 123, 205; and subcontracting, 29-32; as member of Parliament, 40; end of career of, 42; family background of, 36-37; partnership of with Thomas Grisell, 36-37
Peto & Betts: construction of first railway by in Algeria, 71; construction of Grand Trunk in Canada by, 41-42; construction of railway by during Crimean War, 39-40; construction of railways by in Europe, 37-38; engineering staff of, 28; role of in British economy, 37
Petrochemical industry: impact of on internationalization of construction, 133-34, 196
Petrodollar boom, 4, 7, 145-50, 196
Petroleos Mexicanos, 217
Petronas, 217
Philippine Trade Act of 1946, 129
Philippines, 102-103, 127, 129, 209
Phoeniex Bridge Co., 97
Platt Amendment, 114
Point Four Program, 210
Poland, 113
Polish construction firms, 165
Port Louis, 55
Prefabricated structures: exports of, 7, 9-13; from Victorian Britain, 10; to Australia, 10
Public Service Production Co., 115
Qatar, 157
Radio Corp. of America, 162
Railroadization, 48, 49
Railway Age, 52
Railway construction in: Algeria, 71; Andes, 51; Brazil, 16, 52; Britain, 35-37; British Malaya, 58; Cameroon, 82; Canada, 41-42, 43, 96; Ceylon, 56-57; Chile, 18, 96; China, 17; Colombia, 96; Costa Rica, 96; Dahomey; Dutch East Indies, 58; France, 35-36; German East Africa, 61; Gold Coast, 59; Guatemala, 52, 96; Guinea, 59; Honduras, 51; India, 40-41 49; Indochina, 63; Iran, 89; Ivory Coast, 60; Jamaica, 96; Japan; Kowloon, 60; Latin America, 17; Madagascar, 59, 61; Mauritius, 55-56; Mexico, 51-52; New South Wales, 43; Nigeria, 58; Peru, 18; Rhodesia, 15, 50; Russia, 38; Senegal, 59; Sierra Leone, 59; South Africa, 15, 50; South West
<table>
<thead>
<tr>
<th>Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Africa, 62, 81-82; Spain, 52; Sudan, 59; Togo, 82; Uganda, 58</td>
</tr>
<tr>
<td>Rathenau, Walther, 82</td>
</tr>
<tr>
<td>Raytheon Corp., 197, 218</td>
</tr>
<tr>
<td>Régie Générale des Chemins de Fer, 78, 86</td>
</tr>
<tr>
<td>Reichstag: debate on colonial railways in, 81</td>
</tr>
<tr>
<td>Reynolds Aluminum, 212</td>
</tr>
<tr>
<td>Rhodes, Cecil, 50, 59</td>
</tr>
<tr>
<td>Rhodesia, 15, 50, 90, 211, 212</td>
</tr>
<tr>
<td>Riese, Otto, 92</td>
</tr>
<tr>
<td>Rio de Janeiro: use of slaves in building drainage system of, 45</td>
</tr>
<tr>
<td>Robinson, Dwight P., &amp; Co., 115</td>
</tr>
<tr>
<td>Roebling, John A., &amp; Sons, 115</td>
</tr>
<tr>
<td>Roebuck, John, 68</td>
</tr>
<tr>
<td>Roman armies: construction-engineering of, 52-53</td>
</tr>
<tr>
<td>Roosevelt, Pres. Theodore, 107</td>
</tr>
<tr>
<td>Rothschilds, 69, 72</td>
</tr>
<tr>
<td>Royal Dutch Shell, 73</td>
</tr>
<tr>
<td>Rumanian construction firms, 165</td>
</tr>
<tr>
<td>Russia, 72, 87</td>
</tr>
<tr>
<td>Rust International, 176, 177</td>
</tr>
<tr>
<td>St. Joe Minerals, 205</td>
</tr>
<tr>
<td>Samoa, 127</td>
</tr>
<tr>
<td>Samwhan, 202</td>
</tr>
<tr>
<td>San Francisco-Oakland Bay Bridge, 124</td>
</tr>
<tr>
<td>Saudi Arabia, 4, 125, 126, 145-49, 157, 158, 159, 160, 161, 162, 189, 199</td>
</tr>
<tr>
<td>Scamping, 26</td>
</tr>
<tr>
<td>Schneider, 71, 89</td>
</tr>
<tr>
<td>Schumpeter, Joseph, 18</td>
</tr>
<tr>
<td>Select Committee on Railway Labourers, 29</td>
</tr>
<tr>
<td>Sennar Dam, 213-14</td>
</tr>
<tr>
<td>Sepoy Mutiny, 53, 59</td>
</tr>
<tr>
<td>Shelford, William, 59</td>
</tr>
<tr>
<td>Shell Oil Co., 126, 217</td>
</tr>
<tr>
<td>Shimizu, 186, 199</td>
</tr>
<tr>
<td>Shultz, George, 143</td>
</tr>
<tr>
<td>Siemens, Georg von, 78</td>
</tr>
<tr>
<td>Siemens-Carey Canal &amp; Railway Co., 110</td>
</tr>
<tr>
<td>Simmons Construction Corp., 112</td>
</tr>
<tr>
<td>Six Companies, Inc., 122-24, 125, 127</td>
</tr>
<tr>
<td>Skanska, 155</td>
</tr>
<tr>
<td>Slave labor, 44-45</td>
</tr>
<tr>
<td>Smith, Adam, 54</td>
</tr>
<tr>
<td>Snamprogetti, 149, 216</td>
</tr>
<tr>
<td>Snare, Frederick, 103</td>
</tr>
<tr>
<td>Snare, Frederick Corp., 103, 115, 129</td>
</tr>
<tr>
<td>Snare &amp; Triest Co., 103</td>
</tr>
<tr>
<td>Social Democratic Party (of Germany), 81</td>
</tr>
<tr>
<td>Société Anonyme Batignolles-Morrison Knudsen, 129-30</td>
</tr>
<tr>
<td>Société de Construction des Batignolles, 59, 63, 72, 85, 86, 89, 139</td>
</tr>
<tr>
<td>Société Générale d’Entreprises, 86</td>
</tr>
<tr>
<td>South Africa, 15, 50</td>
</tr>
<tr>
<td>South Korea: as source of international construction labor, 156; construction firms in, 132, 149-50, 156, 202; de-peripheralization of, 6</td>
</tr>
<tr>
<td>South West Africa: construction of railways by Germans in, 81-82</td>
</tr>
<tr>
<td>Southern Pacific Ry, 121</td>
</tr>
<tr>
<td>Soviet Union, 90, 111, 143-44</td>
</tr>
<tr>
<td>Spain: construction of railways in, 53</td>
</tr>
<tr>
<td>Spanish-American War, 102, 104</td>
</tr>
<tr>
<td>Spie Batignolles, 201</td>
</tr>
<tr>
<td>Sri Lanka, 155, 160</td>
</tr>
<tr>
<td>Stalin, Josef, 110-11</td>
</tr>
<tr>
<td>Stalingrad Tractor Plant, 12</td>
</tr>
<tr>
<td>Standard industrial classification (SIC), 177, 180, 181</td>
</tr>
<tr>
<td>Standard Oil Co., 108, 110, 112, 131</td>
</tr>
<tr>
<td>Standard Oil Co. of Venezuela, 126</td>
</tr>
<tr>
<td>Standard Oil of California, 125</td>
</tr>
<tr>
<td>Stephenson, George, 19, 25, 26, 32; as engineer in British empirical tradition, 27-28</td>
</tr>
<tr>
<td>Stephenson, George Robert, 32-33</td>
</tr>
<tr>
<td>Stephenson, Robert, 25, 32, 46, 69</td>
</tr>
<tr>
<td>Stewart, James, 100-101</td>
</tr>
<tr>
<td>Stewart, James A., &amp; Co., 100-101</td>
</tr>
<tr>
<td>Stewart, James B., &amp; Co., 111</td>
</tr>
<tr>
<td>Stinnes, Hugo, 89</td>
</tr>
<tr>
<td>Stone, Charles, 108</td>
</tr>
<tr>
<td>Straight, Willard, 13 n.33, 109 n.114</td>
</tr>
<tr>
<td>Subcontracting: as creating fiction of self-employment, 33-34; as mode of labor force management, 28-34; labor-only variant of, 33;</td>
</tr>
</tbody>
</table>
similarities in between  
collection and agriculture, 33;  
use of by U.S. and Danish firms in  
Colombia and Turkey, 34; wage  
theft under, 33-34  
Sudan, 213-14  
Siidekum, Albert, 81  
Suez Canal, 3, 45-46, 66-69, 75, 76,  
85, 105  
Taiwan: de-peripheralization of, 6,  
145  
Tanganyika Ry, 83-84  
Tanzanian-Zambian Ry, 144  
Taylor, Frederick, 194  
Taylor Woodrow, 93, 136, 137, 140,  
141, 142  
Tehuantepec Ry, 72  
Telford, Thomas, 29  
Tennessee Valley Authority, 122,  
124  
Thailand, 90, 158  
Third World: and disputes with First  
World over extending GATT to  
construction, 165-66; and import  
substitution, 190; as exalves of  
European capital, 47-48; as  
suppliers of international  
construction labor, 154-60, 165-66;  
competition among First World  
firms in, 142-43; construction and  
development in, 208-20;  
industrialization of, 5-6;  
obsolescence of term, 5 n.16  
Time, 207  
Times, 25, 68, 100  
Tincauzer, Eugen, 106  
Tobishima, 199  
Toyo Engineering, 216  
Toyota, 198  
Trafalgar House, 135, 201  
Trans-Arabian Pipeline, 130  
Trans-Iranian Ry, 89, 135  
Tsar, Nicholas I, 3 n.3  
Tunnels: construction of in New  
York City, 91-92  
Turkey, 129-30, 209; railway  
construction in, 73-74, 77-80  
Turkish Petroleum Co., 79  
Turner Construction Co., 112, 127,  
177  
Ulen & Co., 113, 115  
Ulen Construction Co., 109, 113,  
121  
Union Bridge Co., 97  
United Arab Emirates, 147  
United Engineers & Constructors,  
115, 197  
United Gas Improvement  
Contracting Co., 115  
United Infrastructure Co., 205  
United States: as international  
construction market, 91-92, 142,  
186, 199-201  
U.S. Agency for International  
Development, 219  
U.S. Air Force, 126, 129, 132  
U.S. Army Corps of Engineers, 27,  
102, 107, 122, 132, 133, 147-48,  
149, 209  
U.S. Atomic Energy Commission,  
125, 197  
U.S. Bureau of Economic Analysis  
(BEA), 172-73 nn.22-24, 200 n.85  
U.S. Bureau of Public Roads, 115  
U.S. Bureau of Reclamation, 122  
U.S. Central Intelligence Agency,  
125, 143  
U.S. Civil War, 46, 48, 76  
U.S. Congress, 147-48, 192  
U.S. Corn Products Refining Co.,  
110  
U.S. Department of Commerce, 4,  
172  
U.S. Department of Justice, 124, 197  
U.S. Department of State:  
Development Loan Fund, 209  
U.S. Economic Cooperation  
Administration, 209  
U.S. Export-Import Bank, 129, 143,  
209  
U.S. International Cooperation  
Administration, 209  
U.S. Military Academy, 27  
U.S. multinational construction  
firms, 7; as beneficiaries of U.S.  
insular imperialism, 101-102; as  
employers of U.S. workers abroad,  
153; compared to British firms,  
95; impact of Cold War on, 144- 
45; repatriated profits of, 172-75;  
size of largest, 167-88  
U.S. Mutual Security Agency, 129,  
209  
U.S. National Academy of  
Engineering, 147  
U.S. National Export Expansion  
Council, 142
Index

U.S. Navy, 126, 130, 132, 218
U.S. Navy Civil Engineer Corps, 111
U.S. Realty & Construction Co., 100
U.S. Reclamation Service, 120, 121
U.S. Steel Corp., 99-100, 131
U.S. Supreme Court, 162
U.S. War Department, 93
U.S. Works Progress Administration, 122
Uruguay, 109
Usambara line, 83
Utah Construction & Mining, 204-205
Utah Construction Co., 120, 121, 122, 124, 126-27, 129, 131, 204, 209, 210
Valparaiso, 87
Vanderlip, Frank, 107, 112
Venezuela, 71-72, 125, 127, 129, 130, 131
Veracruz harbor, 72
Vereinigte Maschinenfabrik Augsburg, 83
Victoria Falls Bridge, 16, 101
Vietnam War, 7, 132, 141, 169, 173, 193, 217-18
Vignoles, Charles, 25, 32 n.61, 45
Vitali, Georges Count, 78
Vitali, Charles, Picard et Cie., 78
Voest-Alpine, 201
Volta River Project, 139, 211-12
Wages: as between U.S. and British workers, 98; Brasseys and Marx's views on in advanced and less developed countries, 43-44, 99, 106
Wake, 102
Wallace, Henry, 130
Warren Brothers Co., 113-15, 121, 126
Waterworks, 84-85, 87
Wattis, Edmund, 120
Wattis, William, 120
Wayss & Freytag, 87, 88, 127
Weinberger, Caspar, 143
Welland Canal, 96
West Irian, 5
West Wall, 127
Western Electric, 86
Westinghouse Electrical Manufacturing Co., 86, 100, 111
Weyerhaeuser, 195, 220
Whangarei Refinery Expansion Project Disputes Act, 164
Wheelwright, William, 36, 51
Whistler, George Washington, 3 n.3
Wilbur, Ray Lyman, 121, 122
Wilson, Edmund, 123
Wimpey, George, Ltd., 130, 136, 140, 155, 205, 209
Winston Bros. Co., 112
Woosung-Shanghai Ry, 63-64
World Bank, 144, 208-209, 212, 217; see also International Bank for Reconstruction and Development
World communications and transportation: revolution in, 47
World construction market: concept of, 182; depression in, 14, 189-205; oligopolistic structure of, 19; size of, 182-87
World market, 49, 66
World War I: impact of on internationalization of construction, 87-88, 108-109, 115
World War II, 119; impact of on internationalization of U.S. construction firms 125-28
Wythes, George, 27, 55, 85, 91
Yleinen Insinuoitoimisto (YIT), 164
Yugoslav construction firms, 165
About the Author

MARC LINDER is professor at the University of Iowa where he teaches Labor Law. He has also taught at universities in Germany, Denmark and Mexico. Mr. Linder’s previous publications include *Farewell to the Self-Employed* (Greenwood, 1992), *The Employment Relationship in Anglo-American Law* (Greenwood, 1989), *The Supreme Labor Court in Nazi Germany* (1987), and *Anti-Samuelson* (1977).