

新刊紹介

土木學會誌 第六卷第一號 大正九年二月

内外諸雜誌主要題目

工 學

第七卷 第一號(第六十九號) 大正九年一月十日. 1. 緩ノ魚道 6頁. 2. 雲ト交通 8頁. 3. 寫真測量 5頁. 4. 東京市水道村山貯水池ト交通機關ニ就テ 5頁.

工 業 雜 誌

第五十二卷 第六百六十七號 大正九年一月五日. 1. 断面ノ一様デナイ長柱ノ安定ニ就テ 7頁.

第五十二卷 第六百六十九號 大正九年二月五日. 1. 内藤燃料研究所ニ於ケル研究 7頁.

帝國鐵道協會々報

第二十一卷 第一號 大正九年一月廿五日. 1. 地方鐵道法ニ就テ 29頁.

Bulletin of the Society for the Promotion of Engineering Education

Vol. X. No. 1. September, 1919. 1. Presidential address. 14 p.

Vol. X. No. 2. October, 1919. 1. Engineering colleges and Administration. 35 p.

Canadian Engineer

Vol. 37. No. 19. Nov. 6, 1919. 1. Effect of water uplift on overturning of dams. 1½ p. 2. Housing and town planning. 3 p. 3. Experiments show effect of fineness of cement. 1 p.

Vol. 37. No. 20. Nov. 13, 1919. 1. Hydro-electric power development at high falls. 4 p. 2. Town planning, with special reference to Ottawa. 3 p. 3. Report on water powers of British Columbia. 5 p.

Vol. 37. No. 21. Nov. 20, 1919. 1. Earth slides in Winnipeg Aqueduct construction. 2½ p. 2. Town planning, with special reference to Ottawa. 2 p.

Vol. 37. No. 22. Nov. 27, 1919. 1. Analysis of concrete-proportioning theories. 4 p.

Vol. 37. No. 23. Dec. 4, 1919. 1. Planning and development of cities in Ontario. 1½ p.

Vol. 37. No. 24. Dec. 11, 1919. 1. Present status of the sewage disposal problem. 3½ p.

Contracting

Vol. 9. No. 7. Dec. 1, 1919. 1. The steel strike really a civil war trial battle. 1 p. 2. Railroad relocation. 1 p. 3. Naches-Selah irrigation tunnel. 1½ p.

Electric Railway Journal

- Vol. 54. No. 16. Oct. 18, 1919. 1. Limiting features in the life and performance of chilled iron wheels. 1½ p.
- Vol. 54. No. 17. Oct. 25, 1919. 1. Safety cars for Brooklyn rapid transit system. 6 p.
- Vol. 54. No. 19. Nov. 8, 1919. 1. The Connecticut Company goes to the Zone plan. 6 p.
- Vol. 54. No. 20. Nov. 15, 22, 29. Dec. 6, 13, 1919. 1. Some experiences in the development of automatic substations. 3½ p.
- Vol. 54. No. 21. Dec. 20, 1919. 1. Symposium of opinions on freight haulage by railways. 1½ p.

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Engineering

- Vol. CVIII. No. 2807. Oct. 17, 1919. 1. Hell Gate Bridge, New York. 4½ p.
- Vol. CVIII. No. 2808. Oct. 24, 1919. 1. The works and products of Messrs. Barr and Stroud Limited. 4 p.
- Vol. CVIII. No. 2809. Oct. 31, 1919. 1. The water power resources of India. 2½ p.
- Vol. CVIII. No. 2810. Nov. 7, 1919. 1. Hell Gate Bridge, New York. 3 p.
- Vol. CVIII. No. 2814. Dec. 5, 1917. 1. Roads and Transport Congress and exhibition. 4 p.

Engineering and Industrial Management

- Vol. 2. No. 18. Oct. 30, 1919. 1. The wage problem. 1 p. 2. Works organisation. 3 p.
- Vol. 2. No. 20. Nov. 13, 1919. 1. The question of substitutes for leather belting. 5 p. 2. Industrial fatigue. 3 p.
- Vol. 2. No. 23. Dec. 4, 1919. 1. Conveying. 8 p.

Engineering World

- Vol. 15. No. 9. Nov. 1, 1919. 1. Queenstown-Chippawa development at Niagara Falls, Ontario. 5 p. 2. New York vehicular tunnel lining. 4 p. 3. Discharge co-efficients for canal head gates. 4½ p. 4. Building the Augusta Street concrete intercepting sewer. 2½ p. 5. Reinforced concrete fuel oil reservoirs. 3½ p.
- Vol. 15. No. 12. Dec. 15, 1919. 1. Hydraulic fill dams of the Miami conservancy district. 6 p. 2. New hydroelectric power plant at Rio Pangal, Chile. 4 p. 3. Sliding forms for monolithic concrete construction. 1½ p. 4. Electrolysis in concrete. 2½ p.

Industrial Management

- Vol. LVIII. No. 5. November, 1919. 1. Employment management and industrial relations. 5½ p.
- Vol. LVIII. No. 6. December, 1919. 1. Tendencies in engineering education. 3 p. 2. Fatigue and industrial efficiency. 5 p.

La Houille Blanche

- 18^e Année. No. 33-34. Sept.—Oct., 1919. 1. Un des Aspects du problème de l'irrigation. 5½ p. 2. Conduites forcées. 5½ p.

Le Génie Civil

- Tome LXXV. No. 16. 18 Oct., 1919. 1. Le Congrès franco-américain de Tours (21-24 septembre 1919). Navigation, Houille blanche, Améliorations agricoles. 3 p. 2. Sur une cause de rupture des rails et un moyen de la supprimer. 2 p.

- Tome LXXV. No. 17.** 25 Oct., 1. Grue flottante de 150 tonnes de l'Amirauté britannique. 2½ p.
- Tome LXXV. No. 18.** 1 Nov., 1919. 1. Transporteur funiculaire de Retourneemer, construit en 1915, pour le ravitaillement des troupes en Alsace. 5 p. 2. La reconstruction de la ville et l'extension du port de Salonique. 2½ p.
- Tome LXXV. No. 19.** 8 Nov., 1919. 1. Observations concernant les cassures défectueuses des éprouvettes de traction, lors de la réception des éléments de canon. 2½ p.
- Tome LXXV. No. 20.** 15 Nov., 1919. 1. Le nickel, sa métallurgie, ses emplois. 9 p. 2. L^a fabrication des produits en grès pour l'industrie chimique. 4 p. 3. L'établissement, par l'État, d'un réseau électrique à haute tension dans régions libérées. Projet de loi adopté par la Chambre des Députés, le 19 octobre 1919. 1½ p.
- Tome LXXV. No. 21.** 22 Nov., 1919. 1. La traction sur fortes rampes par adhérence supplémentaire. Utilisation du système Hansotte pour la remorque des trains d'artillerie. 6 p. 2. Le nickel, sa métallurgie, ses emplois. 4 p. 3. Raccordements progressifs dans les routes et les voies ferrées et relevement des virages. 2 p.
- Tome LXXV. No. 22.** 29 Nov., 1919. 1. La transformation de voiture automobiles en tracteurs sur rails à l'armée d'Orient. 3 p. 2. Le nickel, sa métallurgie, ses emplois. 4 p. 3. Les ponts militaires, système Inglis, de l'armée britannique. 4 p.
- Tome LXXV. No. 24.** 13 Dec., 1919. 1. Le nickel, sa métallurgie, ses emplois. 3 p.

Municipal Journal and Public Works

- Vol. XLVII. No. 14.** Oct. 4, 1919. 1. The utilization of sewage sludge. 4 p.
- Vol. XLVII. No. 15.** Oct. 11, 1919. 1. The Toronto drifting sand filter. 3 p.
- Vol. XLVII. No. 16.** Oct. 18, 1919. 1. Mosquito control for the municipality. 4½ p.
- Vol. XLVII. No. 17.** Oct. 25, 1919. 1. Water waste prevention surveys in Washington. 5 p.
- Vol. XLVII. No. 18.** Nov. 1, 1919. 1. Painting iron and steel standpipes. 2 p.
- Vol. XLVII. No. 19.** Nov. 8, 1919. 1. Economic values in sewage sludge. 3 p.
- Vol. XLVII. No. 20.** Nov. 15, 1919. 1. Building zones for Newark. 2½ p. 2. Foundations for pavements. 1½ p.

Professional Memoirs Corps of Engineers, United States Army and Engineer Department at Large

- Vol. XI. No. 60.** Nov.—Dec., 1919. 1. The first six weeks on the western front. 21 p. 2. Roads in supply and attack. 25 p. 3. Engineer troops in an advance. 20 p. 4. Monongahela River navigation. 19 p. 5. Proposed new engineer school and post and college of military research at Camp Humphreys, VA. 16 p. 6. Water supply for field army. 12 p.

Railway Age

- Vol. 67. No. 11.** Sept. 12, 1919. 1. War time economies in strengthening old bridges. 1½ p. 2. Director general hines testifies on coal situation. 5 p.
- Vol. 67. No. 16.** Oct. 17, 1919. 1. The reconstruction of the Belgian railways. 7 p. 2. Cuba's sugar cane railways a large market. 3 p.
- Vol. 67. No. 19.** Nov. 7, 1919. 1. Canada's extension of railway nationalization. 3 p.
- Vol. 67. No. 21.** Nov. 21, 1919. 1. The Miami conservancy relocates four railways. 4½ p. 2. The future of Canada's transportation system. 4 p. 3. Report on the Senate Committee's railroad bill. 6½ p.
- Vol. 67. No. 22.** Nov. 28, 1919. 1. Electrification of the South African railways. 4½ p.
- Vol. 67. No. 24.** Dec. 12, 1919. 1. World's longest bascule span erected at Chicago. 5 p. 2. Scientific development of the steam locomotive. 5 p.

Railway Gazette

- Vol. XXXI. No. 13. Sept. 26, 1919. 1. "Safety first"—Criticism of accidents. 3 p.
- Vol. XXXI. No. 16. Oct. 17, 1919. 1. The New Feltham concentration yard, London & South Western Railway. 6 p. with 1 plate.
- Vol. XXXI. No. 17. Oct. 24, 1919. 1. Oldham road goods station, L. & Y. R., Manchester. 1½ p. with 1 map.
- Vol. XXXI. No. 18. Oct. 31, 1919. 1. Sir Eric Geddes on scientific transportation. 2 p.
- Vol. XXXI. No. 19. Nov. 7, 1919. 1. German railroad operation in the occupied territories of Belgium and France. 7 p.
- Vol. XXXI. No. 20. Nov. 14, 1919. 1. Railway construction in Sweden. 2 p.
- Vol. XXXI. No. 21. Nov. 21, 1919. 1. Designing Manganese steel track work. 1 p.
- Vol. XXXI. No. 22. Nov. 28, 1919. 1. Electric traction on British railways. 4 p. 2. The present position of mechanical road traction. 1 p. 3. The function of tube railways in London traffic. 2 p.
- Vol. XXXI. No. 23. Dec. 5, 1919. 1. Station indicators for railway trains. 1 p. 2. Transport developments in Scotland. 3 p.

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Railway Maintenance Engineer

- Vol. 15. No. 11. November, 1919. 1. Reports on recent rail studies. 1 p. 2. An object lesson in tie treatment. 1½ p.
- Vol. 15. No. 12. December, 1919. 1. High grade track work for an industry. 1½ p. 2. Interesting details of French railway bridge practice. 1½ p. 3. A R. A. specifications for track scales. 3 p. 4. Laboratory tests on a new spike. 2½ p.

Railway Review

- Vol. 65. No. 19. Nov. 8, 1919. 1. New electric locomotives for C. M. & St. P. Ry. 2½ p. 2. New railways planned in foreign countries. 2½ p.
- Vol. 65. No. 20. Nov. 15, 1919. 1. Big bascule bridge over the Chicago River. 4 p.
- Vol. 65. No. 21. Nov. 22, 1919. 1. Tests of the holding power of track spikes. 5½ p. 2. The future of British railways. 2 p.
- Vol. 65. No. 22. Nov. 29, 1919. 1. Shop improvements for the Rutland Railroad. 3 p. 2. Laboratory tests of the holding power of track spikes. 4 p.
- Vol. 65. No. 23. Dec. 6, 1919. 1. Indian-built rail and road motor vehicles. 1 p.
- Vol. 65. No. 24. Dec. 13, 1919. 1. Electric wetting on the New York Central. 2 p.
- Vol. 65. No. 25. Dec. 20, 1919. 1. Construction of the Hetch Hetchy railroad. 4½ p.

Schweizerische Bauzeitung

- Band LXXIV. Nr. 16. 18. Okt., 1919. 1. Hochspannungskabel für die Gotthard-Traktion. 4 p. 2. Ausbau von Wasserkraften in Grossbritannien. 2 p.
- Band LXXIV. Nr. 19. 8. Nov., 1919. 1. Schwenkbrücke über den Suezkanal bei Kantara. 1 p.
- Band LXXIV. Nr. 20. 15. Nov., 1919. 1. Studien über Wasserbewegung an Wehren. 3½ p. 2. Zur allgemeinen Organisation der Hochbau-Kostenvoranschläge und Abrechnungen. 2 p.
- Band LXXIV. Nr. 21, 22. Nov., 1919. 1. Studien über Wasserbewegung an Wehren. 3 p.
- Band LXXIV. Nr. 22. 19. Nov., 1919. 1. Einige moderne Turbinen-Anlagen. 4 p.

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Scientific American

- Vol. CXXI. No. 18. Nov. 1, 1919. 1. Rebuilding the French railways. 1 p.

- Vol. CXXI. No. 20. Nov. 15, 1919. 1. The new Welland Canal. 1 p.
 Vol. CXXI. No. 22. Nov. 29, 1919. 1. Concrete construction on the Mississippi sands (The building of the public cotton warehouse at new Orleans). 2 p.

Scientific American Supplement

- Vol. LXXXVIII. No. 2284. Oct. 25, 1919. 1. The rotary method of well drilling (Combining rotary and cable-tool methods in alternating soft and hard formations). 3 p.
 Vol. LXXXVIII. No. 2285. Nov. 8, 1919. 1. Atoms and molecules. (An elementary explanation of modern methods of proving their existence). 4 p.
 Vol. LXXXVIII. No. 2286. Nov. 15, 1919. 1. Wind motors (Their possibilities and limitations). 1½ p.

The Engineer

- Vol. CXXVIII. No. 3330. Oct. 24, 1919. 1. Greater Winnipeg new water supply. 2 p.
 Vol. CXXVIII. No. 3331. Oct. 31, 1919. 1. New hydro-electric developments at Niagara. No. I. 2 p.
 Vol. CXXVIII. No. 3332. Nov. 7, 1919. 1. New hydro-electric developments at Niagara. No. II. 2 p.
 Vol. CXXVIII. No. 3335. Nov. 28, 1919. 1. Roads and transport exhibition. No. I. 1 p.
 Vol. CXXVIII. No. 3336. Dec. 5, 1919. 1. Roads and transport exhibition. No. II. 1½ p. 2. Hydro-electric power plant of the Panama Canal. 2 p.

The Far Eastern Review

- Vol. XVI. No. 1. January, 1919. 1. Proposed railway route into Szechuan. 11 p. 2. Big port project for North China. 2½ p. 3. Chihli's first industrial exposition. 2½ p. 4. Japan's metropolitan electric railways. 9 p. 5. The railways of China. 3 p.

The Indian and Eastern Engineer

- Vol. XLV. No. 5. November, 1919. 1. The water power resources in India. 2 p. 2. Irrigation in Western Indian. 4 p.
 Vol. XLV. No. 6. December, 1919. 1. Railway and transport notes. 2 p. 2. Sub-soil water in relation to tube wells. 3 p.

The Journal of the Engineers' Club of Philadelphia

- Vol. XXXVI—10. No. 179. October, 1919. 1. Fatigue phenomena in metals. 11 p.
 Vol. XXXVI—12. No. 181. December, 1919. 1. Plastic-arc welding—Its part and future in ship repair and construction. 2 p. 2. Difficulties in road classification. 1 p.

The Journal of the Institution of Municipal and County Engineers

- Vol. XLVI. No. 1. 5 July, 1919. 1. Boston's housing problems, past, present, and future, together with notes on the town planning of the Borough. 52 p.
 Vol. XLVI. No. 2. 19 July, 1919. 1. Some municipal works and problems in Hampstead. 15 p.
 Vol. XLVI. No. 3. 2 Aug., 1919. 1. Housing in relation to town development. 11 p. 2. The task confronting highway surveyors. 17 p.
 Vol. XLVI. No. 4. 16 Aug., 1919. 1. Trench machinery. 28 p.

- Vol. XLVI. No. 5. 30 Aug., 1919. 1. The utilisation of sewage sludge. 18 p.
- Vol. XLVI. No. 6. 13 Sept., 1919. 1. Town sewerage. 27 p.
- Vol. XLVI. No. 7. 11 Oct., 1919. 1. North-Eastern District meeting. 23 p.
- Vol. XLVI. No. 9. 25 Oct., 1919. 1. Housing schemes. 8 p.
- Vol. XLVI. No. 10. 8 Nov., 1919. 1. Sunshine in relation to the dwelling. 11 p.
- Vol. XLVI. No. 11. 22 Nov., 1919. 1. Asphaltic macadam (Bituminous) roads, and their extended use. 8 p. 2. Cement concrete pavements in New Zealand and the United States and Canada. 10 p.

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The Railway Engineer

- Vol. XL. No. 479. December, 1919. 1. The erection of the Hell Gate Bridge. 4 p. 2. The Scranton Tunnel.—Tunnels XVIII. 3 p.

The Railway Magazine

- Vol. XLV. No. 269. November, 1919. 1. Tottenham and Hampstead junction railway. 9 p. 2. Locomotive and train working in the latter part of the 19th century. 7 p.
- Vol. XLV. No. 270. December, 1919. 1. Central railway of (Late) German East Africa. 6 p.

Water and Water Engineering

- Vol. XXI. No. 250. Oct. 20, 1919. 1. Chlorination of water supplies. 2½ p. 2. Hydraulic alignment diagrams. 2½ p.
- Vol. XXI. No. 251. Nov. 20, 1919. 1. Development and storage of water for electrical purposes. 3½ p. 2. Hydraulic alignment diagrams. 2½ p. 3. The problem of sewage disposal at Shanghai. 2½ p.