

新刊紹介

土木學會誌 第五卷第六號 大正八年十二月

内外諸雜誌主要題目

發電水力

第五十六號 大正八年十月十五日。

1. 水力利用ノ經濟ヲ圖レ. 1頁.
2. 電氣事業許可年限ニ關スル法律家意見. 2頁.
3. 北海道ニ於ケル發電水力地點. 其二. 1頁.

工學

第六卷 第十號(第六十六號) 大正八年十月十日。

1. 練直シ混凝土ニ就テ. 12頁.
2. 米國ノ水力. 5頁.

第六卷 第十一號(第六十七號) 大正八年十一月十日。

1. 練直シ混凝土ニ就テ. (二) 14頁.
2. 簡易鐵筋混凝土實施工法概念. (二) 6頁.
3. 鐵筋混凝土拱橋設計計算例. (五) 10頁.

工學會誌

第四百三十一卷 大正八年九月三十日。

1. 鐵及鋼ノ研究. 20頁, 寫真10葉.

第四百三十二卷 大正八年十月三十一日。

1. 請負業者ノ調製スル見積書. 5頁.
2. 請負業者負擔ノ輕重. 6頁.

工業雜誌

第五十一卷 第六百六十一號 大正八年十月五日。

1. 圓形瓣ノ靜的性能. (二) 10 $\frac{1}{2}$ 頁.
2. 加奈陀くゑべつく州水理局事業. 3頁.

第五十一卷 第六百六十二號 大正八年十月二十日。

1. 鑄物ノ組織ト強サトノ關係. 8頁.

帝國鐵道協會會報

第二十卷 第十號. 大正八年十月二十五日.

1. ぼすとん高架鐵道會社現況. 25頁, 圖面三葉.
2. 東京市路面計畫ニ關スル調査書. 20頁.

第二十卷 第十一號. 大正八年十一月二十五日.

1. 日本ノ勞働者. 18頁.

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内外諸雜誌主要題目

CANADIAN ENGINEER

Vol. 37. No. 6. Aug. 7, 1919.

1. Riveted joints for steel penstocks and tanks. 6 p.
2. Water-purification units mounted on motor trucks. 2 p.

Vol. 37. No. 7. Aug. 14, 1919.

1. Formulae for one-story and two-story bents. 3 p.

Vol. 37. No. 9. Aug. 28, 1919.

1. Progress of Queenston-Chippawa power canal. 7½ p.
2. Economics of reinforced concrete walls for uncovered reservoirs. 2½ p.

Vol. 37. No. 10. Sept. 4, 1919.

1. Pressure rise caused by gradual gate closure. 5 p.

Vol. 37. No. 11. Sept. 11, 1919.

1. Reconstruction of water works at Cobourg, Ont. 2 p.
2. Pressure rise caused by gradual gate closure. 4½ p.

Vol. 37. No. 12. Sept. 18, 1919.

1. Kipawa Co.'s pulp mill and power development. 5½ p.
2. Operation of Toronto's slow sand filters. 3 p.

Vol. 37. No. 13. Sept. 25, 1919.

1. Pressure in penstocks caused by the gradual closing of turbine gates. 1½ p.

Vol. 37. No. 14. Oct. 2, 1919.

1. Operation of drifting sand filters at Toronto. 5 p.

Vol. 37. No. 15. Oct. 9, 1919.

1. Studies in surface area proportioning method. 3 p.
2. Proposed tidal power development at Hopewell. 5 p.
3. Backfilling the Red River tunnel. 1 p.

Vol. 37. No. 16. Oct. 16, 1919.

1. Heavy steel highway bridging at the front. 4¼ p.
2. Pressures in penstocks caused by the gradual closing of turbine gates. 1½ p.

Vol. 37. No. 17. Oct. 23, 1919.

1. Joint town-planning conference at Ottawa. 1½ p.

Vol. 37. No. 18. Oct. 30, 1919.

1. Walkerville underground sewage-pumping plant. 3 p.

二

CONCRETE AND CONSTRUCTIONAL ENGINEERING

Vol. XIV. No. 6. June, 1919.

1. A reinforced concrete oil fuel reservoir at Rosyth. 8 p.
2. Problems in the theory of construction.—The Strength of pillars. 8 p.

3. Recent British patents relating to concrete. 6 p.
- Vol. XIV. No. 7. July, 1919.
 1. Reinforced concrete reservoirs at Montevideo. 14 p.
 2. Good roads. 6 p.
 3. The Use of reinforced concrete in sewer construction. 8 p.
 4. A note on reinforced concrete tee beam. 4 p.
- Vol. XIV. No. 8. August, 1919.
 1. Reinforced concrete work at Government Rolling Mills, Woolston, near Southampton. 9 p.
 2. Concrete at the Royal Agricultural Show, Cardiff. 10 p.
 3. Reinforced concrete salvage pontoons and hangars. 6 p.
- Vol. XIV. No. 9. September, 1919.
 1. The New Orleans Army Supply Base. 7 p.
 2. Reinforced concrete roadway in Dock Road, Tilbury. 4 p.
 3. Recent British patents relating to concrete. 6 p.
 4. Concrete hangars for sea planes at Algiers. 6½ p.
 5. Scottish mode for the measurement of reinforced concrete work. 6 p.
 6. Reinforced concrete sleepers. 4 p.
 7. The use of asbestos cement at the Royal Agricultural Show, Cardiff. 2 p.
- Vol. XIV. No. 10. October, 1919.
 1. The protection of concrete buildings against damp and water. 4 p.
 2. Bettering concrete by a New Mixing method. 4 p.
 3. Reinforced concrete railway platforms. 3 p.
 4. Reinforced concrete railway sleepers. 2 p.

CONTRACTING

- Vol. 9. No. 3. Aug. 1, 1919.
 1. Essentials of important construction. XXXIII. Handling excavated material from tunnels, trenches and pits. 2 p.
 2. Concreting the winnipeg aqueduct. 2 p.
 3. Unique construction of Pearl Harbor graving dock. 2½ p.
- Vol. 9. No. 4. Aug. 15, 1919.
 1. Erecting Louisville Bridge main span. 2 p.
 2. Light and heavy road grading. 2 p.
 3. Underpinning a six-story iron, glass, and brick wall. 2 p.
- Vol. 9. No. 5. Sept. 1, 1919.
 1. Winnipeg circular concrete conduit. 2 p.
 2. Road building in highway division No. 1, New York State. 3 p.
 3. Making concrete revetment blocks. 1½ p.
 4. Bridge pier tops rebuilt while in service. 2 p.
- Vol. 9. No. 6. Sept. 15, 1919.
 1. Underpinning old buildings. 2 p.
 2. Road concreting speed. 2 p.

ELECTRIC RAILWAY JOURNAL

- Vol. 54. No. 10. Sept. 6, 1919.
 1. The zone fare in practice—Croydon, England. 8 p.
 2. Progress on the Midi Railway Pyrenean electrification. 2½ p.
- Vol. 54. No. 12. Sept. 20, 1919.

1. Selection of rails for electric railway service. $3\frac{1}{2}$ p.
 2. Laying out a power transmission line. 4 p.
- Vol. 54. No. 13. Sept. 27, 1919.
1. Discussion of fare systems. 3 p.
 2. Zone fare have been found stisfactory in Milwaukee. 8 p.
 3. Zone system in Portland. 7 p.
 4. Zone fares in Spring field. 9 p.
 5. Zone mile system of the public service railway. 8 p.

ENGINEERING

- Vol. CVIII. No. 2795. July 25, 1919.
1. A theory of flow of water over a canal weir. $\frac{3}{4}$ p.
- Vol. CVIII. No. 2796. Aug. 1, 1919.
1. A portable grain elevator. 1 p.
- Vol. CVIII. No. 2797. Aug. 8, 1919.
1. Hell Gate Bridge, New York. 4 p.
- Vol. CVIII. No. 2799. Aug. 22, 1919.
1. Hell Gate Bridge, New York. $1\frac{1}{2}$ p.
- Vol. CVIII. No. 2801. Sept. 5, 1919.
1. Hell Gate Bridge, New York. 5 p. with 1 plate.
 2. Burnt earth concrete, with iron and wood reinforcement. $1\frac{1}{2}$ p.
- Vol. CVIII. No. 2803. Sept. 19, 1919.
1. Railway nationalisation in Japan. $1\frac{1}{2}$ p.

ENGINEERING AND INDUSTRIAL MANAGEMENT

- Vol. 2. No. 6. Aug. 7, 1919.
1. Standardisation. 2 p.
- Vol. 2. No. 7. Aug. 14, 1919.
1. Scientific management. 3 p.
- Vol. 2. No. 8. Aug. 21, 1918.
1. Increased output with reduced hours of labour. 2 p.
 2. Boiler water treatment. 2 p.
- Vol. 2. No. 8. Aug. 28, 1919.
1. Wages and output. 2 p.
- Vol. 2. No. 9. Sept. 4, 1919.
1. Recent developments in re-inforced concrete. $\frac{1}{2}$ p.
 2. Scientific management. $4\frac{1}{2}$ p.
- Vol. 2. No. 12. Sept. 18, 1919.
1. The future of British industry. 2 p.
 2. A slide rule for adjusting machine tools to economic performance. 3 p.

ENGINEERING WORLD

- Vol. 15. No. 6. September 15, 1919.
1. The Gilboa Dam. $6\frac{1}{2}$ p.
 2. Markham yards of Illinois Central. $3\frac{1}{2}$ p.
 3. Rebuilding street railway tracks. 2 p.
 4. Conduit construction in telephone cable tunnel. $2\frac{1}{2}$ p.

5. Portable pneumatic grain elevator. 3 p.
- Vol. 15. No. 8. October, 1919.
1. New dry dock at Norfolk. $6\frac{1}{2}$ p.
 2. Excavation of N. Y.—N. J. vehicular tunnel. 5 p.
 3. Building a large gas tank. 3 p.
 4. Fatigue tests of nickel and chrome nickel steel. $3\frac{1}{2}$ p.

JOURNAL OF THE WESTERN SOCIETY OF ENGINEERS

- Vol. XXIV. No. 6. June, 1919.
1. Fatigue of metals under repeated stress. 10 p.
 2. Inland waterway transportation. 16 p.
- Vol. XXIV. No. 7. July, 1919.
1. Tests of plain and reinforced gypsum specimens. 44 p.

LA HOUILLE BLANCHE

- 18^e Année. No. 31-32. Juillet-Août 1919.
1. Projet de Loi relatif à l'Utilisation de l'Energie Hydraulique. $5\frac{1}{2}$ p.
 2. L'Aménagement du Rhône. $9\frac{1}{2}$ p.
 3. Loi sur les Unités de Mesure. 1 p.
 4. L'Étude des Coups de Belier dans les conduites métalliques sous pression. $3\frac{1}{2}$ p.

LE GÉNIE CIVIL

- Tome LXXV. No. 8. 23 Août 1919.
1. Fabrication, propriétés et utilisation industrielle du fer électrolytique. $6\frac{1}{2}$ p.
 2. L'aménagement du Rhône à l'aide de barrages successifs. 5 p.
- Tome LXXV. No. 9. 30 Août 1919.
1. Étude des ondes acoustiques. La propagation des ondes vibratoires et l'écoute sous-marine. 5 p.
- Tome LXXV. No. 10. Septembre 1919.
1. Les voûtes en béton armé dans la couverture des bâtiments. Le hangar de Montebourg pour ballon dirigeable. $5\frac{1}{2}$ p.
 2. Étude des ondes acoustiques, La propagation des ondes vibratoires et l'écoute sous-marine. $6\frac{1}{4}$ p.
 3. Le nouveau barrage d'East Caution Creek (É.-U.). $1\frac{1}{2}$ p.
- Tome LXXV. No. 11. 13 Septembre 1919.
1. Les installations mécanique de l'usine électrique de coventry (Angleterre). $3\frac{1}{2}$ p.
 2. Considérations sur l'aménagement des ports maritimes français. $3\frac{1}{2}$ p.
 3. Le barrage en béton armé de Gideabacka (Suède). $4\frac{1}{2}$ p.
- Tome LXXV. No. 12. 20 Septembre 1919.
1. La sidérurgie française et le marché russe. 3 p.
- Tome LXXV. No. 13. 27 Septembre 1919.
1. Les nouveaux quais en béton armé du port de Copenhague. $3\frac{1}{2}$ p.
 2. Les conditions techniques d'établissement d'un chemin de fer trans-saharien. $3\frac{1}{4}$ p.

Tome LXXV. No. 14. 4 Octobre 1919.

1. Les chalauds en béton armé, système Henry Lossier. 4½ p.

Tome LXXV. No. 15. 11 Octobre 1919.

1. Les nouvelles installations du tunnel du Simplon. 7 p.

MUNICIPAL JOURNAL AND PUBLIC WORKS

Vol. XLVII. No. 5. Aug. 2, 1919.

1. Convicts on road work. 4½ p.

Vol. XLVII. No. 6. Aug. 9, 1919.

1. Some lessons from French roads. 2½ p.
2. Station for disposing of night soil. 2 p.
3. Water rates and fire protection charges. 2 p.

Vol. XLVII. No. 7. Aug. 16, 1919.

1. The new London housing project. 3 p.

Vol. XLVII. No. 8. Aug. 23, 1919.

1. City planning for Portland. 3 p.

Vol. XLVII. No. 9. Aug. 30, 1919.

1. Quick work in laying granite block pavement. 3 p.
2. City planning for Portland. 1½ p.
3. Water rates and fire protection charges. 3 p.

Vol. XLVII. No. 10. Sept. 6, 1919.

1. Municipal markets. 2½ p.
2. Street classification as an aid to pavement design. 1½ p.

Vol. XLVII. No. 11. Sept. 13, 1919.

1. Sewerage works of Startford, Conn. 2 p.
2. Effect of impact of trucks. 2¼ p.
3. Reconstructing madison's water works. 1 p.

Vol. XLVII. No. 12. Sept. 20, 1919.

1. Street cleaning and refuse collection in Newark. 2½ p.
2. Surfacing old granite block pavement. 1 p.

Vol. XLVII. No. 13. Sept. 27, 1919.

1. Resurfacing old brick pavement. 2 p.

PROFESSIONAL MEMOIRS CORPS OF ENGINEERS, UNITED STATES ARMY AND ENGINEER DEPARTMENT AT LARGE

Vol. XI. No. 59. September-October, 1919.

1. Natural features of the South Atlantic coast with special reference to Savannah Harbor. 18 p.
2. The roads of France. 20 p.
3. Bridging the Rhine with German ponton equipage. 9 p.
4. Notes on the inland waterways of France. 12 p.

RAILWAY GAZETTE

Vol. XXXI. No. 9. Aug. 29, 1919.

1. Concrete block sleepers for use on secondary railways. ½ p.

2. European train speeds. 4 p.
 Vol. XXXI. No. 10. Sept. 5, 1919.
 1. Chinese Government railways. 1 p.
 Vol. XXXI. No. 11. Sept. 12, 1919.
 1. Re-opening of the South Eastern & Chatham Railway between Folkestone and Dover. 3 p.
 2. European train speeds. 7 p.
 3. The value of full and accurate statistics. 3 p.
 4. Modern armies and modern transport. 2 p.

RAILWAY REVIEW

- Vol. 65. No. 10. Sept. 6, 1919.
 1. Ebenezer shops and engine terminal, P. R. R. 8½ p.
 2. Tapered-floor track scales, Canadian Pacific Railway. 2 p.
 Vol. 65. No. 11. Sept. 13, 1919.
 1. Some river control work of the C. B. & Q. 4 p.
 2. China as a market for railroad materials. 5½ p.
 Vol. 65. No. 12. Sept. 20, 1919.
 1. Terminal improvements in East St. Louis. 3 p.
 Vol. 65. No. 13. Sept. 27, 1919.
 1. Flathead Valley branch, Northern Pacific Ry. 3 p.
 Vol. 65. No. 15. Oct. 11, 1919.
 1. Standardization of railway equipment. 2½ p.
 Vol. 65. No. 16. Oct. 18, 1919.
 1. A new trans-andine railway. 2 p.
 Vol. 65. No. 17. Oct. 25, 1919.
 1. Railway of the Austrian commonwealth. 3 p.
 Vol. 65. No. 18. Nov. 1, 1919.
 1. Railway electrification in Australia. 7½ p.
 2. Methods and equipment used in renewing timber bridges. 2 p.

SCHWEIZERISCHE BAUZEITUNG

- Band LXXIV. Nr. 3. 19. Juli 1919.
 1. Die neue Entwässerungs-Anlage in Codigoro. 5½ p.
 Band LXXIV. Nr. 4. 26. Juli 1919.
 1. Die neue Entwässerungs-Anlage in Codigoro. 2½ p.
 Band LXXIV. Nr. 5. 2. Aug. 1919.
 1. Rutsch-Erscheinungen beim Absenken des Ritom-Sees. 3½ p.
 Band LXXIV. Nr. 6. 9. Aug. 1919.
 1. Ueber den Umbau und die Verstärkung der eisernen Brücken auf der Bergstrecke Erstfeld-Bellinzona der Gotthardlinie. 6 p.
 Band LXXIV. Nr. 7. 16. Aug. 1919.
 1. Bauwerke in Reiche der Atome. 5½ p.
 2. Neue Linthbrücke der S. B. B. in Schwanden. 4 p.
 Band LXXIV. Nr. 9. 30. Aug. 1919.
 1. Graphische Tabelle zur Dimensionierung einfach armerter Eisenbeton-Platten für $n=20$. 2 p.
 Band LXXIV. Nr. 12. 20. Sept. 1919.

1. Wettbewerb für die Rötibrücke in Solothurn. 3 p.
 Band LXXIV. Nr. 13. 27. Sept. 1919.
1. Wettbewerb für die Rötibrücke in Solothurn. 4 p.
 Band LXXIV. Nr. 14. 4. Okt. 1919.
1. Ueber die Schüttelschwingungen des Kuppelstangentriebes. 4 p.
 Band LXXIV. Nr. 15. 11. Okt. 1919.
1. Ueber Rutschungs-Erscheinung bei Stauseen. 3½ p.

SCIENTIFIC AMERICAN

- Vol. CXXI. No. 9. Aug. 30, 1919.
1. Completion of the Pearl Harbor dry dock (Peculiar geological conditions and how they were mastered by an ingenious method of construction). 2 p.
- Vol. CXXI. No. 10. Sept. 6, 1919.
1. Handling grain by the boat-load (Machinery installed at New Orleans for keeping down the shipping costs. 1 p.
2. Our technical achievements in the great war—VI (The test of two hundred days of battle). 1½ p.
- Vol. CXXI. No. 12. Sept. 20, 1919.
1. Jack frost in the orange country (The organization and methods by which California growers have routed an old enemy). 1½ p.
- Vol. CXXI. No. 14. Oct. 4, 1919.
1. Red rock Canyon (One of California's unvisited splendors to be made accessible by the Roosevelt highway. 2 p.

SCIENTIFIC AMERICAN SUPPLEMENT

- Vol. LXXXVIII. No. 2278. Aug. 30, 1919.
1. River bends and meanders (Mechanical analysis of the forces at work suggests that meanders result from "buckling."). 2 p.
- Vol. LXXXVIII. No. 2281. Sept. 20, 1919.
1. Colliery shaft sinking (Novel method of mineshaft sinking through unconsolidated strata). 1½ p.
- Vol. LXXXVIII. No. 2282. Sept. 27, 1919.
1. Stress lines in steel after permanent deformation (Study of hardening at various distances from the point altered by hammering, punching or shearing). 2 p.

THE ENGINEER

- Vol. CXXVIII. No. 3323. Sept. 5, 1919.
1. Crane lighter. No. 4. 1 p.
- Vol. CXXVIII. No. 3324. Sept. 12, 1919.
1. Distribution of concrete by inclined chutes. No. I. 2 p.
- Vol. CXXVIII. No. 3325. Sept. 19, 1919.
1. Distribution of concrete by inclined chutes. No. II. 3 p.

THE FAR EASTERN REVIEW

- Vol. XV. No. 8. August, 1919.
 1. Tibet, the land of the Lamas. 3½ p.
- Vol. XV. No. 9. September, 1919.
 1. A year's workings of China's railways. 3½ p.
- Vol. XV. No. 10. October, 1919.
 1. Will the independent Filipino maintain American administrative standards? 3½ p.
 2. Chihli province river improvement. 1 p.

THE INDIAN AND EASTERN ENGINEER

- Vol. XLV. No. 3. September, 1919.
 1. The Shanghai electric tramways. 3 p.

THE JOURNAL OF THE ENGINEERING INSTITUTE OF CANADA

- Vol. II. No. 10. October, 1919.
 1. Proposed tidal hydro-electric power development of the Petitcodiac and Memramcook Rivers. 11 p.
 2. The construction of the bear River bridge. 4½ p.

THE JOURNAL OF THE ENGINEERS' CLUB OF PHILADELPHIA

- Vol. XXXVI.—9. No. 178. September, 1919.
 1. Devastated area and its reconstruction. 6 p.
 2. Better concrete—The problem and its solution. 8 p.

THE RAILWAY ENGINEER

- Vol. XL. No. 476. September, 1919.
 1. Railway nationalisation. 3 p.
- Vol. XL. No. 477. October, 1919.
 1. Some tunnels in India—Tunnels XVII. 4 p.
 2. A. C. track-circuiting lay-outs. 4 p.

THE RAILWAY MAGAZINE

- Vol. XLV. No. 267. September, 1919.
 1. Famous railway junctions and their traffic. 10 p.
 2. Alexandra (Newport and South Wales) docks and railway. 8 p.

3. Rolling stock distribution, Midland Railway. 7 p.
4. British locomotive practice and performance. 12 p.

WATER AND WATER ENGINEERING

Vol. XXI. No. 248. Aug. 20, 1919.

1. Meter rates for waterworks. 2 p.
2. Hydraulic alignment diagrams. 3 p.
3. Report on the London water supply. 2½ p.

Vol. XXI. No. 249. Sept. 20, 1919.

1. Water engineering problems in India. 3 p.
2. Development and storage of water for electrical purposes. 5½ p.
3. Hydraulic alignment diagrams. 3 p.