

- Vol. II. Appendices 561 P. Simla, India: Secretary of the Railway Board. 8×12, illustrated, paper.
- Roads and pavements: University of Texas Bulletin-Austin, Tex.: The University. 48 P., 6×9, paper.
- Sand: Its occurrence, properties and uses: A bibliography-Pittsburgh, Penn., Carnegie Library. 72 P., 6×9, paper.
- The Mississippi River Commission, Report of—St. Louis, Mo.: The Commission. 1835 P., illustrated 6×9, paper.

## 内外諸雜誌主要題目

### 發電火力

- 第四十號 大正七年六月十五日.
1. 四月中ノ水力電氣. 1頁.
  2. 朝鮮ニ於ケル發電水力地點. 1頁.
- 第四十一號 大正七年七月十五日.
1. 全國ノ發電水力地點ト馬力. 1頁.
  2. 朝鮮ニ於ケル發電水力地點. 1頁.
- 第四十二號 大正七年八月十五日.
1. 印度ニ於ケル石炭ト水力. 3頁.
  2. 我國電氣事業ノ將來. 1頁.
  3. 水力ト電氣製鐵. 1頁.

### 工學

- 第五卷 第七號(第五十一號) 大正七年七月十日.
1. 河川流量測定. (一) 6½頁.
  2. 勞働賃金ヲ基礎トシテノ河川機械浚渫事業ノえふしえんし. 7頁.
  3. 鋼製石油槽. 9頁.
  4. 化學工業用水力利用ノ能率ニ就テ. (二) 7½頁.
  5. 自働車カ如何ニシテ道路ヲ破壞スルカ. 2頁.
  6. 勞働者ノ輸入ニ就テ. 5頁.
- 第五卷 第八號(第五十二號) 大正七年八月十日.
1. 路軌ニ就テ. 6頁.
  2. 流量曲線ノ決定ニ就テ. 5頁.
  3. 東京市水道羽村引入口魚梯樺ノ構築ニ就テ. 2頁.
  4. 化學工業用水力利用ノ能率ニ就テ. (三) 4頁.

### 工學會誌

第四百十八卷 大正七年六月三十日.

1. 東京市ノ水利ト改善ニ對スル私見 14頁.  
 第四百十九卷. 大正七年七月二十九日.  
 1. 電燈ノ話. 9頁.  
 2. 國防獨立ト石油ノ自給. 5頁.  
 3. 東京市ノ水利ト改善ニ對スル私見. 19頁.

## CANADIAN ENGINEER

- Vol. 34. No. 20. May 16, 1918.  
 1. Canadian Good Roads Congress. 5 p.  
 2. Abatement of the dust nuisance. 2½ p.  
 3. Concrete roads. 3 p.  
 4. Hot-mix bituminous construction. 2 p.  
 Vol. 34. No. 21. May 23, 1918.  
 1. Don River bascule bridge, Toronto. 4 p.  
 2. Asphalt pavements. 3½ p.  
 Vol. 34. No. 22. May 30, 1918.  
 1. Steel water tower of 500,000 gallons capacity. 3½ p.  
 2. English and American practice in the construction of tar surfaces and pavements. 4½ p.  
 3. Practicability of adopting standards of quality for water supplies. 3½ p.  
 Vol. 34. No. 23. June 6, 1918.  
 1. Dionic tester in waterworks service. 2 p.  
 2. Chlorination. 3 p.  
 3. Effect of water in concrete. 2 p.  
 Vol. 34. No. 24. June 13, 1918.  
 1. Are good roads remunerative to municipalities. 3 p.  
 2. Champlain Dry Dock, Quebec. 7 p.  
 Vol. 34. No. 25. June 20, 1918.  
 1. Chippawa-Queen stone power development. 6 p.  
 2. Reconstruction of devastated Halifax. 8 p.  
 3. Improving arch action in arch dams. 4 p.  
 Vol. 34. No. 26. June 27, 1918.  
 1. Necessity of engineering supervision in construction and maintenance of earth roads. 4 p.  
 2. Some of the principal bridge of the world. 2 p.  
 Vol. 35. No. 1. July 4, 1918.  
 1. Mechanical filtration plant at Lethbridge. 3 p.  
 2. Proportioning the materials of mortars and concretes by surface areas of aggregates. 7 p.  
 Vol. 35. No. 2. July 11, 1918.  
 1. Pape Avenue sewer, Toronto. 3½ p.  
 2. Proportioning the materials to mortars and concretes by surface areas of aggregates. 7 p.

## CONCRETE AND CONSTRUCTIONAL ENGINEERING

- Vol. XIII. No. 5. May, 1918.  
 1. Reinforced concrete in Spain. 7 p.

2. Reinforced concrete regulations, Sydney. 6 p.
  3. Memorandum on the use of concrete for mine supports. 9 p.
- Vol. XIII. No. 6. June, 1918.
1. Reinforced concrete regulations, Sydney, N. S. W. II. 6 p.
  2. Concrete roads. 6 p.

### ELECTRIC RAILWAY JOURNAL

- Vol. 51. No. 20. May 18, 1918.
1. Virtues and limitations of steel supports in overhead construction. 5 p.
  2. Selecting and caring for hand tools used by way department. 6 p.
- Vol. 51. No. 22. June 1, 1918.
1. 11,000-volt overhead on New York connecting R. R. 6 p.
- Vol. 51. No. 23. June 8, 1918.
1. Remodelling the Hochelaga (Montreal) power plant. 5 p.
- Vol. 51. No. 24. June 15, 1918.
1. Concrete poles are in the process of evolution. 3½ p.
  2. Keeping the track special work in repair. 4 p.
- Vol. 52. No. 3. July 20, 1918.
1. Providing strength and attractiveness in overhead supports. 4 p.
  2. Effect of grades and curves in plotting speed time graphs. 3 p.

### ENGINEERING

- Vol. CV. No. 2732. May 10, 1918.
1. The Larderello natural steam power plant. 2 p.
  2. The Jurassic ironstones. 3 p.
- Vol. CV. No. 2733. May 17, 1918.
1. Coal-handling plant at the Saltley Gas Works. 5 p.
- Vol. CV. No. 2734. May 24, 1918.
1. Iron carbon and phosphorus. 4½ p.
- Vol. CV. No. 2735. May 31, 1918.
1. The New Trollhätta Canal. 5 p.
- Vol. CV. No. 2736. June 7, 1918.
1. The New Trollhätta Canal. 3 p.
  2. Effect of mass on heat treatment. 2½ p.
- Vol. CV. No. 2737. June 14, 1918.
1. Industrial Japan. 2 p.
  2. The New Trollhätta Canal. 2½ p.
- Vol. CV. No. 2738. June 21, 1918.
1. Reservoir dams. 2 p.
- Vol. CV. No. 2739. June 28, 1918.
1. The New Trollhätta Canal. 4 p.
  2. Gravity bucket conveyor. 1 p.
  3. The largest shipyard in the world. 2 p.
- Vol. CV. No. 2740. July 5, 1918.
1. A new theory of the steam turbine. 3 p.

### ENGINEERING AND CEMENT WORLD

- Vol. 12. No. 10. May 15, 1918,

1. Cedar rapids' hydro-electric development and recent extensions. 6 p.
  2. Whats' wrong with Iowa? 7 p.
  3. Strengthening concrete columns. 1 p.
- Vol. 12. No. 11. June 1, 1918.
1. Concreting with compressed air. 3½ p.
  2. Advances in multiple arch dam construction. 3 p.
  3. Champlain dry dock for Quebec Harbor. 4 p.

### ENGINEERING NEWS-RECORD

- Vol. 80. No. 20. May 16, 1918.
1. Norfolk & Western builds freight terminal piers. 6½ p.
  2. Road builders at work close to front of American sector in France. 3½ p.
- Vol. 80. No. 22. May 30, 1918.
1. Trebling the capacity of a hydro-electric plant during operation. 3 p.
  2. State law limits Castleton bridge to single span. 2 p.
  3. Study of mechanical hysteresis will advance our knowledge of materials. 2½ p.
  4. Concrete railroad crossings proving successful. 1½ p.
- Vol. 80. No. 23. June 6, 1918.
1. Concrete viaduct at St. Louis has simple details. 3½ p.
  2. Overstrain and fatigue failure of steel as related to grain structure. 4½ p.
  3. Russia needs extensive municipal improvements. 2 p.
  4. Oregon-Washington Railway separates grades for three miles at Portland. 4 p.
- Vol. 80. No. 24. June 13, 1918.
1. Designing wall beams in concrete flat-slab buildings. 3 p.
  2. City designs forms for Portland grade separation. 2½ p.
  3. Road along rock and shale bluff requires walls and viaducts. 2 p.
- Vol. 80. No. 25. June 20, 1918.
1. The light railway along the British front at close range. 7 p.
- Vol. 80. No. 26. June 27, 1918.
1. Good handling equipment speeds ore dock construction. 2½ p.
  2. Intermediate rate fine-sand water filter operates under vacuum. 2½ p.
  3. Forecasting sewage discharge at Toledo under dry-weather conditions. 2 p.
- Vol. 81. No. 1. July 4, 1918.
1. Training engineer officers for the army at Camp Lee. 4 p.
  2. Government designs and builds 3500-ton concrete ships. 4 p.
  3. Engineers convert French beet-sugar field into advance depot. 6 p.
  4. How American cities are meeting war problems. 7 p.
- Vol. 81. No. 2. July 11, 1918.
1. Foundations, forms and concrete distribution mark bridge construction. 5 p.
  2. Hog Island's ship-erecting equipment: Four hundred tower derricks for fifty ways. 4 p.
  3. Arched steel cantilevers used in park avenue viaduct. 3 p.
  4. Ultimate casts of bituminous and water-bound macadam nearly equal in New York. 3 p.

- Vol. 81. No. 3. July 18, 1918.
1. Army engineer school in France standardizes work in the field. 6 p.
  2. Precast concrete slabs make durable flumes. 1½ p.
- Vol. 81. No. 4. July 25, 1918.
1. Problems of designing the reinforced-concrete ship. 4 p.
  2. Construction of Pearl Harbor Drydock completed. 5 p.
  3. Army engineer school in France standardizes work in the field.
  4. Repair washout under dam by sheet pile cutoff embedded in concrete. 3 p.
- Vol. 81. No. 5. Aug. 1, 1918.
1. American built docks in France completed by Pacific coast engineers. 8 p.
  2. New concrete pipe joint designed for high pressure. ½ p.
  3. Facing leaky rock fill dam with timber planks. 2½ p.
  4. Equivalent uniform loads for indeterminate structures. 2 p.

## INDIAN ENGINEERING

- Vol. LXIII. No. 14. Apr. 6, 1918.
1. Steel vs. wood in car construction. 1 p.
- Vol. LXIII. No. 16. Apr. 20, 1918.
1. The Hell Gate arch bridge. I. 2 p.
- Vol. LXIII. No. 17. Apr. 27, 1918.
1. The Hell Gate arch bridge. II. 3 p.
- Vol. LXIII. No. 18. May 4, 1918.
1. An investigation of the strength of rails. 5 p.

## LE GÉNIE CIVIL

- Tome LXXII. No. 18. 4 Mai 1918.
1. L'embouteillage des entrées des ports d'Ostende et de Zeebrugge par les Anglais, les 22-23 Avril. 5 p.
- Tome LXXII. No. 19. 11 Mai 1918.
1. La navigation sur les Grands Lacs de l'Amérique du Nord. Projet de canal entre le lac Érié et le lac Ontario. 4 p.
- Tome LXXII. No. 20. 18 Mai 1918.
1. Pont basculant de 42 mètres de portée sur le canal de Trollhättan (Suède). 4 p.
- Tome LXXII. No. 21. 25 Mai 1918.
1. Les ports français durant la guerre. Les ports de la Tunisie: Bizerte et Tunis. 6½ p.
- Tome LXXII. No. 22. 1 Juin 1918.
1. Les ports français durant la guerre. Les ports de la Tunisie: Sousse et Sfax. 4 p.
- Tome LXXII. No. 23. 8 Juin 1918.
1. Réparation des digues du Zuyderzée après les inondations de 1916. 3 p.
  2. Projet de tunnel sous l'Hudson entre New-York et New-Jersey. 2 p.
- Tome LXXII. No. 26. 29 Juin 1918.
1. Vérification de la formule de Bazin pour les déversoirs, par jaugages hydro-chimiques. 2 p.

## RAILWAY AGE

- Vol. 64. No. 20. May 17, 1918.
1. Report of the Railroad Wage Commission. 8 p.
  2. A discussion of the pneumatic method of concreting. 2 p.
  3. Welding cast iron with the electric arc. 2 p.
- Vol. 64. No. 22. May 31, 1918.
1. Distribution of additions and betterments. 4 p.
  2. Low voltage switch machines facilitate traffic. 2 p.
- Vol. 64. No. 23. June 7, 1918.
1. Electrification of New York connecting railroad. 4 p.
  2. How signals can increase track capacity. 4 p.
- Vol. 64. No. 24. June 14, 1918.
1. Difficult bridge construction in a cold country. 6 p.
- Vol. 64. No. 25. June 21, 1918.
1. Report of the 51st. annual convention of the master car Builder's Association and the 50th. annual convention of the American Railway Master Mechanics' Association. 55 p.
  2. Doings of the United States Railroad Administration. 9 p.
  3. Concrete caissons sunk by open dredging method. 2½ p.
- Vol. 64. No. 26. June 28, 1918.
1. Completing the double track on the Union Pacific. 5 p.
  2. The Chinese and Japanese railways compared. 3 p.
- Vol. 65. No. 1. July 5, 1918.
1. Train operation by signal indication on the Erie. 6 p.
  2. Yearly meeting of the American Concrete Institute. 5 p.
- Vol. 65. No. 3. July 19, 1918.
1. New York Central opens Cleveland freight terminal. 6 p.

## RAILWAY GAZETTE

- Vol. XXVIII. No. 18. May 3, 1918.
1. The uses of reinforced concrete on railways. 3½ p.
- Vol. XXVIII. No. 19. May 10, 1918.
1. Road and rail transport. 3 p.
- Vol. XXVIII. No. 20. May 17, 1918.
1. Terminal developments at Vancouver, B. C. 3 p.
  2. Shifting a 4,000-ton bridge on goods wagon trucks. 2 p.
- Vol. XXVIII. No. 21. May 24, 1918.
1. The organisation and working of the locomotive department, London & North-Western Railway. 7 p.
- Vol. XXVIII. No. 25. June 21, 1918.
1. The Mansfield Railway. 6 p.
- Vol. XXVIII. No. 26. June 28, 1918.
1. Electrification of the Philadelphia-Chestnut Hill Section, Pennsylvania Railroad. 4 p.

## RAILWAY MAINTENANCE ENGINEER

- Vol. 14. No. 6. June, 1918.

1. What can I do to economize on cars? 4 p.
  2. The making and delivery of ties. 2 p.
- Vol. 14. No. 7. July, 1918.
1. Cars can be saved by careful planning. 3 p.
  2. An interesting timber preservation plant. 2 p.
  3. Rail production in 1917. 1 p.
  4. Motor vs. engine drive for pumping plants. 2 p.
  5. Building a 7-mile railroad in 32 days. 2 p.
  6. Methods of painting steel bridges. 1 p.

## RAILWAY REVIEW

- Vol. 62. No. 19. May 11, 1918.
1. Convention of the Air Brake Association. 7½ p.
- Vol. 62. No. 20. May 18, 1918.
1. New freight station of the New York central lines in Cleveland. 6 p.
  2. Esthetics in bridge design. 3½ p.
  3. Pneumatic method of concreting. 3½ p.
  4. Safety conditions in and about passenger stations. 4 p.
- Vol. 62. No. 22. June 1, 1918.
1. Electrification of New York connecting R. R. 7 p.
- Vol. 63. No. 23. June 8, 1918.
1. Extension of railway electrification. 2½ p.
- Vol. 63. No. 25. June 22, 1918.
1. Buffalo division engine terminals, Lehigh Valley R. R. 9 p.
  2. New shops and engine terminals, Buffalo, Rochester & Pittsburgh Ry. 5 p.
- Vol. 62. No. 26. June 29, 1918.
1. Railways, waterways and highways. 4 p.
  2. Joint meeting, Master Mechanics and Master Car Builders' Association. 13 p.
- Vol. 63. No. 1. July 6, 1918.
1. Activities of the Master Car Builders' Association. 3 p.
  2. Train operation by signal indication. 5 p.

## SCHWEIZERISCHE BAUZEITUNG

- Band LXXI. No. 19. 11. Mai 1918.
1. Die Wohnungsnot in Zürich und die städtischen Wohnbauten an der Nordstrasse. 3 p.
- Band LXXI. No. 20. 18. Mai 1918.
1. Knickung elastisch eingespannter Stäbe. 3 p.
- Band LXXI. No. 23. 8. Juni 1918.
1. Die elektr. Schmalspurbahn Biel-Täuffelen-Ins. 7 p.
- Band LXXI. No. 24. 15. Juni 1918.
1. Ideen-Wettbewerb für die Ausgestaltung der Stadtgebiete an den beiden Secufern in Luzern. 3 p.
- Band LXXI. No. 25. 22. Juni 1918.
1. Ideen-Wettbewerb für die Ausgestaltung der Stadtgebiete an den beiden Secufern in Luzern. 3 p.

## THE ENGINEER

- Vol. CXXV. No. 3256. May 24, 1918.  
 1. The principal bridges of the world—A comparison. No. 1. 3 p.
- Vol. CXXV. No. 3260. June 21, 1918.  
 1. New tests for steel rails: Pennsylvania Railroad. 1 p.
- Vol. CXXV. No. 3261. June 28, 1918.  
 1. \* Shipbuilding in the United States. 5 p.

## THE FAR EASTERN REVIEW

- Vol. XIV. No. 6. June, 1918.  
 1. Building the Taitam Tuk Dam. 3 p.
- Vol. XIV. No. 7. July, 1918.  
 1. A low grade railway route to Szechwan. 15 p.

THE JOURNAL OF THE INSTITUTION OF MUNICIPAL  
AND COUNTY ENGINEERS

- Vol. XLIV. No. 8. January, 1918.  
 1. Institution meeting in Westminster. 17 p.  
 2. South Wales district meeting. 15 p.
- Vol. XLIV. No. 9. February, 1918.  
 1. Circular to all surveyors in Oxfordshire dealing with main roads. 4 p.  
 2. Experimental sections of concrete roads. 3 p.  
 3. The geology of road stones: An introduction. 6 p.  
 4. The metropolitan organisation of municipal town planning. 4 p.
- Vol. XLIV. No. 10. March, 1918.  
 1. The geology of road stones; An introduction. 6 p.

## THE RAILWAY ENGINEER

- Vol. XXXIX. No. 460. May, 1918.  
 1. Paris tunnels. 4 p.  
 2. The maximum regulating resistance and maximum shunt resistance of track circuits. 3½ p.
- Vol. XXXIX. No. 461. June, 1918.  
 1. The Alexander continuous-rail crossing. 1 p.  
 2. American tunnels.—I. 4 p.  
 3. Railway research work, Japanese state railways. 2 p.

## WATER AND WATER ENGINEERING

- Vol. XX. No. 233. May 20, 1918.  
 1. Shaft sinking in water bearing strata. 5½ p.  
 2. Water surfaces in the oil fields. 3½ p.
- Vol. XX. No. 234. June 20, 1918.  
 1. Plants and methods of sinking pure wells. 4½ p.  
 2. Chemical and bacteriological examination of the London waters.