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土木會誌 第十二卷第三號 大正十五年六月

內外諸雜誌主要題目

The Canadian Engineer.

- Vol. 49. No. 1. July 7, 1925.** 1. Construction of wood stave pipe line. By J. B. Holdcroft. 2 p. 2. Sewage experimental work investigations. By Willem Rudolfs. 2 p. 3. Road improvement in Dereham township. By Jas. D. Flanders. 1 p. 4. Evolution of highway equipment design. By O. L. Kipp. 6½ p.
- Vol. 49. No. 2. July 14, 1925.** 1. Hydro-electric plant, Brigewater N.S. By S. E. March. 2 p. 2. Introduction to a study of the wind. By Robins Fleming. 2 p. 3. Compression tests on concrete. By Harrison F. Gonnerman. 1 p. 4. Water supply for fire protection. By V. Bernard Siems. 3½ p.
- Vol. 49. No. 3. July 21, 1925.** 1. Organization of physical testing laboratory. 2½ p. 2. Developing small water supplies. By Clinton M. Ladd. 1½ p. 3. Protection of lake shores. 1 p. 4. Zoning for the health of the community. By B. Evan Parrp. 3 p.
- Vol. 49. No. 4. July 28, 1925.** 1. La Gabelle hydro-electric development. By S. Svenningson & J. A. Mc Crory. 3 p. 2. Experience with small service pipes. By J. E. Gibson. 3 p. 3. Arterial highways and hexagonal planning. By Noulan Cauchon. 3 p.
- Vol. 49. No. 5. Aug. 4, 1925.** 1. Hydro-electric development at Grand Falls, N. B. 9½ p. 2. Odors from sewage disposal plants. By John F. Skinner. 2½ p. 3. Salt velocity method of water measurement. By C. M. Allen & E. A. Taylor. 4 p.
- Vol. 49. No. 6. Aug. 11, 1925.** 1. New refuse destructor at Toronto, Ont. By J. A. Burnett. 6 p. 2. Pre-Cast concrete flooring and paving units. 1½ p. 3. Fire resistance tests of concrete columns. By W. A. Hull and S. H. Ingberg. 3 p.
- Vol. 49. No. 7. Aug. 18, 1925.** 1. Alouette-Stave Lake hydro development. By C. E. Blee. 6 p. 2. Ice troubles in Swedish power plants. By A. Frey Samsioe. 2 p. 3. Ontaris hydro-report indicates progress. 3 p.
- Vol. 49. No. 8. Aug. 25, 1925.** 1. Pouring concrete in zero weather. By C. N. Shanly. 1½ p. 2. Developing underground water supplies. By E. W. Bennison. 1½ p. 3. Construction of clay pipe sewers. By A. G. Dalzell. 2 p. 4. Operation of percolating bacteria beds. By John T. Thompson. 4½ p.
- Vol. 49. No. 9. Sept. 1, 1925.** 1. Hydro turbines with propellor runners. By F. Johnstone Taylor. 2½ p. 2. Concrete highway construction. 1 p.
- Vol. 49. No. 10. Sept. 8, 1925.** 1. Hydro Commission's Georgian Bay system. 6 p. 2. Review of sanitary surveys in Ontario. By F. A. Dallyn. 2½ p.
- Vol. 49. No. 11. Sept. 15, 1925.** 1. Good roads in the province of Québec. By J. L. Boulanger. 4 p. 2. Bituminous pavements for heavy traffic. By Prevost Hubbard. 3 p.

3. Laying Amiesite pavements, Longueuil. By Henri Bertrand. 1½ p. 4. Motor vehicle and the highway. 1 p.
- Vol. 49. No. 12. Sept. 22, 1925.** 1. Commercial aspect of aerial photography. By Ellwood Wilson. 2½ p. 2. Standard Specification, girder bridges. 4 p. 3. Origin and classification of the winds. By Robins Fleming. 3 p.
- Vol. 49. No. 13. Sept. 29, 1925.** 1. Good roads convention at Quebec City. 84 p.
- Vol. 49. No. 14. Oct. 6, 1925.** 1. Hydro-electric development at Island Portage. 3 p. 2. Protecting water mains against frost. 1½ p. 3. Operation of water purification plants. By S. T. Barker and H. F. Ferguson. 2½ p. 4. Cause of disintegration of concrete. By Alfred H. White. 3 p.
- Vol. 49. No. 15. Oct. 13, 1925.** 1. Erection of turbines at Isle Maligne. By Charles M. Scudder. 3½ p. 2. Results of traffic census in Quebec. By J. L. Boulanger. 5 p. 3. Manitoba provincial highway maintenance. By A. W. Mc Gillivray. 4 p.
- Vol. 49. No. 16. Oct. 20, 1925.** 1. Construction of intake at Goderich, Ont. By E. H. Darling. 2½ p. 2. Proposed East York-Leaside Bridge. By Frank Barber. 3 p. 3. Design of bituminous macadam pavements. By John S. Crandell. 2½ p.
- Vol. 49. No. 17. Oct. 27, 1925.** 1. Storage dams at Lake Kenogami, Que. By A. F. Dyer. 5 p. 2. Gravel road maintenance in Wisconsin. By J. T. Donaghey. 4 p. 3. Bacteriological examination of water. By C. T. Butterfield. 1½ p.
- Vol. 49. No. 18. Nov. 3, 1925.** 1. Capital costs of Sheet Harbor system. By Harold S. Johnston 3 p. 2. Sewage works for small rural districts. By J. D. Watson. 3½ p. 3. Improvement in highway bridge design. By C. J. Desbaillets. 3 p. 4. Some problems at Niagara Falls. 2 p.
- Vol. 49. No. 19. Nov. 10, 1925.** 1. New C. N. R. oil-electric passenger cars. 4 p. 2. Some features of filter plant design. By James W. Armstrong. 4 p. 3. The penalty of dead load. 2 p.
- Vol. 49. No. 20. Nov. 17, 1925.** 1. Reconstruction of City Hall, Montreal. By J. Perreault. 2 p. 2. Various foundations for Asphalt pavements. By George C. Warren. 3½ p. 3. Iron incrustations in water pipes. 1½ p. 4. Fereday-Palmer stress recorder. By F. Johnstone Taylor. 1½ p. 5. Resurfacing work improved by heating the base. By George H. Lutz. 2 p.
- Vol. 49. No. 21. Nov. 24, 1925.** 1. Notes on the inspection of metal bridges. By Llewellyn N. Edwards. 4 p. 2. Method used in sewage purification. By F. W. Harris. 2 p. 3. Design of cement concrete pavements. By A. T. Goldbeck. 5 p.
- Vol. 49. No. 22. Dec. 1, 1925.** 1. New sewage disposal plant at Kitchener. By Stanley Shupe. 3 p. 2. Canadian practice re grit chambers. By F. A. Dallyn. 1½ p. 3. Surface treatment of gravel roads. By J. T. Bullen. 3 p. 4. Design of cement concrete pavements. By A. T. Goldbeck. 4½ p. 5. The engineer and the town plan. By James Ewing. 2 p.
- Vol. 49. No. 23. Dec. 8, 1925.** 1. Northwest grade separation, Toronto. 2 p. 2. Canada Crushed Stone Corporation, Ltd. By R. G. L. Harstone. 5 p. 3. Economic uses

- of refined road tar. By John S. Crandell. 2 p.
- Vol. 49. No. 24. Dec. 15, 1925.** 1. Activated sludge plant, Melfort, Sask. By J. E. Underwood. 2½ p. 2. Hydro-electric development in Canada. By Ira W. Mc Connell. 6 p. 3. Pyramid jointing compound. By John L. Armour. 2 p.
- Vol. 49. No. 25. Dec. 22, 1925.** 1. New mill of National Cement Co. Ltd. By R. H. Rogers and A. G. Turnbull. 3 p. 2. Hydro-electric development in Canada. By Julian C. Smith. 2 p. 3. The maintenance of Asphalt pavements. By Hugh W. Skidmore. 1½ p. 4. Haunching as reinforcement for steel beams. By C. R. Young. 2½ p. 5. Aerial photographs aid the map maker. By Philip De L. Passy. 2 p.
- Vol. 49. No. 26. Dec. 29, 1925.** 1. Welland Canal construction progress. 7 p. 2. Uses of asphalt in road construction. By William H. Woodward. 2 p. 3. Stability of fine aggregate mixtures. By Prevost Hubbard and F. C. Field. 3 p.

Engineering.

- Vol. CXX. July 24, 1925.** 1. Pumping station for Fen drainage. 2½ p.
- Vol. CXX. July 31, 1925.** 1. Tests of some rust-preventing materials suitable for the protection of stored machinery. 2½ p. 2. The new graving-dock of Messrs. T. W. Greenwell and Co., Limited, Sunderland. 2 p.
- Vol. CXX. Aug. 7, 1925.** 1. Loads on highway bridges. ½ p.
- Vol. CXX. Aug. 21, 1925.** 1. The Bombay Back Bay reclamation scheme. 2 p. 2. The failure of materials in engineering. By Gerald Stoney. 2 p. 3. A slipway for handling cargo on the coast of Guatemala. 2 p. with 1 plate.
- Vol. CXX. Aug. 28, 1925.** 1. Automatic eliminators for alluvial matter in water turbine supplies. By Henri Dufour. 2½ p. 2. Bridge reconstruction work of the ministry of transport. No. V. 1½ p. 3. Petrol driven convertible shovel and crane. 1 p.
- Vol. CXX. Sept. 4, 1925.** 1. The Stave Falls development, British Columbia. 3 p. with 3 plates. 2. Economics of highway engineering. By Lt.-Col. H. T. Tudsbery. 1 p. 3. The quay walls of Southampton. By F. E. Wentworth-Sheilds. 2 p.
- Vol. CXX. Sept. 11, 1925.** 1. Automatic eliminators for alluvial matter in water-turbine supplies. By Henri Dufour. 3 p. 2. Economics of highway engineering. By Lt.-Col. H. T. Tudsbery. 1½ p.
- Vol. CXX. Sept. 18, 1925.** 1. Full-scale tests of arched dams. 1 p. 2. The stave falls development, British Columbia. 4½ p. with 1 plate.
- Vol. CXX. Sept. 25, 1925.** 1. Iddo Island wharf; Lagos Harbour. 1 p. with 1 plate. 2. Automatic eliminators for alluvial matter in water-turbine Supplies. 2 p.
- Vol. CXX. Oct. 9, 1925.** 1. Ashford falling shutters for barrages. 2 p.
- Vol. CXX. Oct. 30, 1925.** 1. The Predhumeau Stereotopometer. 2 p. 2. Steel bridge weights. By W. H. Thorpe. 3½ p. with 1 plate.
- Vol. CXX. Nov. 6, 1925.** 1. Pressure pipe-line arch over the Durance. 1½ p. with 1 plate.

- Vol. CXX. Nov. 13, 1925. 1. The Behm Echo depth-sounder. 2 p. 2. Flow of fluids in curved passages. By Prof. J. Eustice. 1 p.
- Vol. CXX. Nov. 20, 1925. 1. The Behm Echo depth-sounder. 1½ p. 2. The public works, roads and transport exhibition. 8 p. with 3 plates. 3. Modern developments in steels resistant to corrosion. By W. H. Hatfield. 3½ p.
- Vol. CXX. Nov. 27, 1925. 1. The public works, roads and transport exhibition. 5 p. with 4 plates.
- Vol. CXX. Dec. 4, 1925. 1. The public works, roads and transport exhibition. 3 p. 2. The strengthening of bridges. 3 p.
- Vol. CXX. Dec. 11, 1925. The Fagundes hydro-electric installation, Brazil. 2½ p. with 1 plate.
- Vol. CXX. Dec. 25, 1925. 1. 300-ton floating crane for handling concrete block. 1½ p. with 1 plate.

Schweizerische Bauzeitung.

- Band 86. Nr. 10. 5. Sept., 1925. 1. Neue elektrische Motorwagen der Montreux-Berner Oberland-Bahn. Von R. Zehnder-Spoerry. 5 p.
- Band 86. Nr. 11. 12. Sept., 1925. 1. Formeln zur raschen Berechnung der Biegebeanspruchung in Kreisrunden Behältern. Von P. Pasternak. 3½ p.
- Band 86. Nr. 12. 19. Sept., 1925. 1. Die Fahrleitungs-Anlagen der elektrifizierten Salzkammergutbahn. Von Hugo Faber. 3½ p. 2. Lange oder Kurze Schwellen. Von Prof. Alfred Birk. 2½ p.
- Band 86. Nr. 13. 26. Sept., 1925. 1. 1825.—Hundert Jahre Eisenbahn.—1925. 15 p.
- Band 86. Nr. 14. 3. Okt., 1925. 1. Analytische Bestimmung des Schwankungsverhältnisses im Kraftbedarf elektrischer Bahnen und ähnlicher Zentralanlagen. Von Prof. Dr. W. Kummer. 2 p. 2. Lange Druckrohrleitungen aus Eisenbeton. Von Prof. Dr. R. Saliger. 1½ p.
- Band 86. Nr. 15. 10. Okt., 1925. 1. Wehrbauten an geschiefbeführenden Flüssen. ½ p.
- Band 86. Nr. 17. 24. Okt., 1925. 1. Der Unterhalt der elektrischen Fahrleitungen der Schweizerischen Bundesbahnen. Von H. W. Schuler. 3½ p. 2. Zur Wasserbilanz des Kraftwerks Wäggital. 2 p.
- Band 86. Nr. 18. 31. Okt., 1925. 1. Beiträge zum Problem der Abdichtung von Druckstoffen. Von A. Feller. 3½ p.
- Band 86. Nr. 19. 7. Nov., 1925. 1. Das Kraftwerk Amsteg der Schweizerischen Bundesbahnen. I. Allgemeines und Wasserbaulicher Teil. Von Hans Studer. 6 p.
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- Band 86. Nr. 21. 21. Nov., 1925. 1. Wirtschaftliche und Konstruktive Gesichtspunkte im Bau neuerer Gross-Elektrolokomotiven. Von A. Laternser. 4 p. 2. Das Kraftwerk Amsteg der S. B. B. Von Hans Studer. 4 p.

- Band 86. Nr. 23. 5. Dez., 1925.** 1. Die technische Bedeutung der Dämpfungsfähigkeit eines Baustoffes. Von Prof. Otto Föppl. 4 p. 2. Das Kraftwerk Amsteg der Schweizerischen Bundesbahnen. Von Hans Studer. 5 p.
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- Band 86. Nr. 26. 26. Dez., 1925.** 1. Das Kraftwerk Amsteg der Schweizerischen Bundesbahnen. Von Hans Studer. 3½ p. 2. Die Sicherung der Niveau-Uebergänge. Von Hans Hunziker. 4 p.

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