illustrated, 6×9. U. S. Coast and Geodetic Survey, Washington, D. C.

内外諸雜誌主要題目

發電水力

第一號. 大正四年三月十五日.

1. 流量曲線ニ就テ. (一)
2. 瑞典諸威ニ於ケル水力電氣及電氣化學工業.
3. 水力發電所創設費 (其一)

第二號. 大正四年四月十五日.

1. 流量曲線ニ就テ. (二)
2. 水力發電所創設費 (其二)
3. 熊本電氣黑川發電所概要.
4. 瑞典諸威ニ於ケル水力電氣.

かはさき畫報

第三卷. 第二十五號. 大正四年三月.

1. 混凝土講話. (第二)

第三卷. 第二十六號. 大正四年四月.

1. 家屋耐震構造要梗.

第四卷. 第二十七號. 大正四年五月.

1. 混凝土講話. (第四)
2. 王子製紙株式會社苫小牧分社貯水池新設工事設計書.

工學

第二卷. 第三號. 大正四年三月十五日.

1. 鐵筋混凝土管ノ計算法. (一)
2. 工作物ノ基礎杭入深ハ何程ニスヘキ乎.
3. 鋼橋梁ノ製作上設計ニ關スル注意. (三)

4. 鍛冶橋. (三)
5. 鋼拱橋設計例　吳服橋. (其三)
6. 請負ノ研究. (十一)

第二卷. 第四號. 大正四年四月十五日.

1. 隧道掘鑿ニ於ケル鑿岩機ニ就テ.
2. 匡構.
3. 鐵筋混凝土管ノ計算法. (二)
4. 鍛冶橋. (四)
5. 請負ノ研究. (十二)

第二卷. 第五號. 大正四年五月十五日.

1. 鑄鐵管ノ鉛接手ニ就テ.
2. 第一回竹筋混凝土試驗報告.
3. 混凝土用砂利粒大ト混凝土抗壓强度トノ關係.
4. 請負ノ研究. (十三)

工業之大日本

第十二卷. 第四號. 大正四年四月一日.

1. 神戶市ノ工業概觀.

工業雜誌

第四十二卷. 第五百五十三號. 大正四年四月十日.

1. 國立工業試驗所設置ノ急務.

第四十二卷. 第五百五十四號. 大正四年四月二十五日.

1. 木鐵混合はう構桁橋ニ就テ.

帝國鐵道協會々報

第十六卷. 第一號. 大正四年二月二十五日.

1. 東京市街鐵道建築概要.

第十六卷. 第二號. 大正四年四月二十五日.

1. 下郡連絡所ニ於ケル閉塞並聯動裝置ニ就テ.

2. 國有鐵道七年計畫ニ就テ。

CASSIER'S ENGINEERING MONTHLY

Vol. 47. No. 3. March, 1915.

1. American methods of handling coal.
2. High speed steel: Its properties and applications.
3. The Lower Ganges Bridge.

Vol. 47. No. 4. April, 1915.

1. Glasgow: Its docks and river. Part I.
2. Regulating devices for water power plant.

CEMENT WORLD

Vol. VIII. No. 12. March 15, 1915.

1. Concrete on New York Barge Canal. (Important part played by cement in the improvement of this historic waterway.)
2. A failure of design. (Utter destruction of a frail sea-wall of reinforced concrete at Long Beach, California, emphasizes the absolute necessity of adequate and properly designed shore protection.)
3. Great Tunkhannock Concrete Viaduct. (World's largest concrete railroad bridge.)
4. Testing and handling concrete aggregates. (Practical lessons drawn by New York State from careful tests demonstrating the relative value of various coarse and fine materials and the importance of cleanness, proper grading and competent inspection.)
5. Concrete road costs and maintenance. (How costs of construction and maintenance are figured, and the roads kept up, in Milwaukee County, Wisconsin.)

Vol. IX. No. 1. April 15, 1915.

1. Great concrete locks at Gatun. (Concrete alone rendered possible the construction of the great ship staircases along the isthmian waterway.)

2. Water-filtration plant in Maine. (Interesting details of the new construction for purified water-supply to the City of Belfast.)
3. Bridge estimating made easy. (Handy curves for quick estimating in the field, based on standard concrete highway bridge designs worked out by the Illinois State Highway Department.)
4. Details of girder bridge design. (Plans, description, and detailed estimate of cost for a reinforced through-girder highway bridge in Virginia.)
5. Hydrated lime in road work. (Experience proves the value of hydrated lime in giving to the concrete roadway the qualities that make for permanence and low maintenance cost.)

CONCRETE AND CONSTRUCTIONAL ENGINEERING

Vol. X. No. 2. February, 1915.

1. Reinforced concrete caissons at Sunderland Docks.
2. Column bending moments in frame construction. (II)
3. What is a 1 : 2 : 4 concrete?
4. Recent views on concrete and reinforced concrete: The application of concrete in modern sanitation.

Vol. X. No. 3. March, 1915.

1. A standard specification for reinforced concrete work.
2. Main concrete dam and diversion dam of Medina Valley irrigation project in Texas.
3. Reinforced concrete columns and their characteristic cost curves.
4. Concrete road construction in U. S. A.
5. Recent views on concrete and reinforced concrete: Some modern methods of arch calculation; The construction and protection of buildings in relation to fire.

ELECTRIC RAILWAY JOURNAL

Vol. 45. No. 7. Feb. 13, 1915.

1. A solution for the snow problem.

Vol. 45. No. 9. Feb. 27, 1915.

1. Signaling on the Illinois traction systems.
2. The cost of bus operation.
3. Two ways of laying out a compound curve.

Vol. 45. No. 12. March 20, 1915.

1. Signal maintenance methods.
2. Electrification discussed.

Vol. 45. No. 14. April 3, 1915.

1. A carhouse for a residential district.
2. Silesian single-phase electrification.

Vol. 45. No. 15. April 10, 1915.

1. An effective stop for runaway cars.
2. Recent solid manganese steel crossings.
3. Methods and costs of concreting for modern pavements.

ENGINEERING

Vol. XCIX. No. 2562. Feb. 5, 1915.

1. The works of Canadian Vickers, Limited, at Montreal.

Vol. XCIX. No. 2563. Feb. 12, 1915.

1. Some interesting and useful curves. (concluded from page 115.)

Vol. XCIX. No. 2564. Feb. 19, 1915.

1. The Ikoma Tunnel, Japan.
2. Gardner's integrating and recording weir-meter.

Vol. XCIX. No. 2565. Feb. 26, 1915.

1. Telpher coal-handling plant. (I).
2. The floating crane failure at the Panama Canal.

Vol. XCIX. No. 2566. March 5, 1915.

1. New swing-bridge, Whitby. (I).

Vol. XCIX. No. 2567. March 12, 1915.

1. New swing-bridge, Whitby. (II).
2. Telpher coal-handling plant. (II).

Vol. XCIX. No. 2569. March 26, 1915.

1. The influence of discharging appliances on the design of large ore-carriers.

ENGINEERING NEWS

Vol. 73. No. 7. Feb. 18, 1915.

1. The municipal engineering works of San Francisco: Auxiliary water-supply for fire protection; Future water-supply; Garbage and refuse disposal; Sewerage system; Street pavements, roads and boulevards; Stockton Street tunnel; Twin Peaks tunnel; Municipal asphalt plant; Mission Street viaduct; Municipal street railways; Submerged sewer outlet.
2. Other San Francisco engineering works: Improvement of water front; Present water-supply.
3. Engineering problems of the Panama-Pacific Exposition.

Vol. 73. No. 8. Feb. 25, 1915.

1. Wind stresses in highway bridges.
2. The manufacture of granite paving blocks.

Vol. 73. No. 9. March 4, 1915.

1. The erection traveler, New Quebec Bridge.
2. The West End sewage-treatment works, Hamilton, Ont.
3. Concrete arch bridge at Saskatoon.
4. Redevelopment of old canal power at Cohoes Falls, New York.

Vol. 73. No. 10. March 11, 1915.

1. Coal pier with car-dumping machine at Sandusky.
2. Cutoff-wall and rock grouting at the Milton Reservoir embankment.
3. The Salmon Creek Dam; a constant-angle arch type.

4. Port development at Seattle.

Vol. 73. No. 11. March 18, 1915.

1. Track depression at Minneapolis.
2. American Concrete Institute's tests on concrete columns.

Vol. 73. No. 12. March 25, 1915.

1. New coast line of Northern Pacific Ry. near Tacoma.
2. Cedars hydro-electric development, St. Lawrence River.
3. A balanced cantilever reinforced-concrete bridge.
4. A modern rock-crushing plant.

Vol. 73. No. 13. April 1, 1915.

1. An economical bridge-pier foundation.
2. The U. S. lighthouse service.
3. Wind stresses in skew bridges.
4. Low-water bridges over torrential streams, Bexar County, Texas.

Vol. 73. No. 14. April 8, 1915.

1. Shifting two Milwaukee River drawbridges, C. & N. W. Ry.
2. Rock-fill dam with some extraordinary foundation problems.
3. Curves for solving the hydrostatic catenary.
4. Chicago track elevation; Rock Island lines.
5. Tests of a Ransome drifting-sand water filter.

Vol. 73. No. 15. April 15, 1915.

1. A lift bridge constructed on 4 percent grade.
2. A three-level railway crossing at Chicago.
3. Organization and work of a Natural Paving Co.
4. Storm damage to sea walls on California coast.

ENGINEERING RECORD

Vol. 71. No. 7. Feb. 13, 1915.

1. Microscope as an aid in proportioning concrete for strength.

Vol. 71. No. 8. Feb. 20, 1915.

1. A new San Francisco has risen from the ruins of 1906.
2. San Francisco's notable engineering works.
3. Underwriters and Fire Protection Association report on Edison fire.

Vol. 71. No. 9. Feb. 27, 1915.

1. Maintenance of sewers and disposal works demands treatment of injurious trade wastes.
2. Microscope as a check on construction.
3. New roof shield used for driving railroad tunnel in soft earth.

Vol. 71. No. 10. March 6, 1915.

1. Microscope shows importance of mixing as a factor in making strong concrete.
2. New type of gate for regulating adjacent water levels operates automatically.

Vol. 71. No. 11. March 13, 1915.

1. High-strength concretes produced through lowering of surface tension of mixing water.
2. Grade-crossing law and its effect on grade-crossing elimination.
3. Distribution of vertical soil pressures.
4. Lackawanna Passenger Terminal at Buffalo.

Vol. 71. No. 12. March 20, 1915.

1. Central hydro-electric plant of 50,000 horsepower replaces inefficient separate units at Cohoes—Part I.
2. Economic considerations justify wood-stave pipe for water-power penstocks.
3. Eminent members of profession discuss present standing of engineers.
4. Concrete surge tank, disconnected at base, operates on differential principles.

Vol. 71. No. 13. March 27, 1915.

1. Collapsed tunnel shield at Memphis rebuilt in bad ground.
2. New concrete warehouses and terminal plant at New Orleans will cover

100 acres.

Vol. 71. No. 14. April 3, 1915.

1. Maintenance cost system used on U. S. experimental road.
2. Substructure conditions fix design of Chicago & North Western Bridge at Pekin.
3. Concrete "bleachers" protect Massachusetts shores.
4. Screw spikes give satisfaction on Delaware, Lackawanna & Western Railroad.
5. Hollow-tile partitions and floor arches tested.
6. Multiple flow chambers in Imhoff tanks.

Vol. 71. No. 15. April 10, 1915.

1. Short subway section in New York involves many difficulties of design.
2. Chief engineers discuss grade-crossing law and cost distribution.
3. Large reinforced-concrete cribs used for Welland Ship Canal entrance.
4. Large brick piers tested at laboratory of Bureau of Standards.
5. Water filter of new type, tested at Toronto, employs "drifting-sand" principle.

Vol. 71. No. 16. April 17, 1915.

1. Concrete road with a single crack in 4¼ miles the result of careful construction.
2. Hydrant tests in Chicago indicate cheaper maintenance possibilities.
3. Provision for traction stresses in Quebec Bridge.
4. Repair of concrete buildings at Edison Plant sets precedents in construction work.

JOURNAL OF THE AMERICAN WATER WORKS ASSOCIATION

Vol. 2. No. 1. March, 1915.

1. The Yonkers Water Supply and its future development.

2. Observations of some European water purification and sewage disposal plants.
3. The Cincinnati Water Works.
4. Examination of drinking water on railway trains.
5. Water supply treatment at Council Grove, Kansas.
6. Pipe distribution systems.
7. The rapid filter plant at Evanston, Illinois.
8. Report of Committee on Water Consumption American Water Works Association, 1913–1915.
9. Maintenance of water supply distribution system of New York City.

JOURNAL OF THE WESTERN SOCIETY OF ENGINEERS

Vol. XIX. No. 10. December, 1914.

1. Coon rapids low head hydro-electric development on the Mississippi River near Minneapolis.

Vol. XX. No. 1. January, 1915.

1. Modern uses of wood.

Vol. XX. No. 2. February, 1915.

1. Construction management.
2. High explosives.
3. The Salem (Mass.) conflagration.

Vol. XX. No. 3. March, 1915.

1. Retaining walls on soft foundations.

LE GÉNIE CIVIL

Tome LXVI. No. 5. Jan. 30, 1915.

1. Les ponts militaires pour l'établissement de passages improvises (III).
2. La nouvelle écluse du canal du Sault Sainte-Marie (États-Unis).
3. L'introduction du raccordement progressif dans le tracé des voies ferrées qui en sont depourvues.

Tome LXVI. No. 6. Feb. 6, 1915.

1. Installations pour le chargement rapide du charbon sur les tenders des locomotives des chemins de fer italiens.
2. Méthode expéditive pour le calcul des vôutes.
3. Le barrage du Prince Alfonso, sur le canal de Castille.

Tome LXVI. No. 7. Feb. 13, 1915.

1. Les ponts militaires pour l'établissement de passages improvises. (IV).

Tome LXVI. No. 9. Feb. 27, 1915.

1. Le chemin de fer électrique monorail aérien de Gênes (Italie).
2. Construction de nouveaux quais et appontements au Faubourg de Bronx (New-York).

Tome LXVI. No. 10. Mars 6, 1915.

1. Percement du tunnel de la ligne Moutier-Granges.
2. Étude du flambage des pièces évidées.
3. Le pont de Sara, sur le Gange.

Tome LXVI. No. 11. Mars 13, 1915.

1. Les usines de Capdella et de Barcelone, de la Société "Energia Electrica de Catatuña."
2. Note sur la détermination rationnelle des pièces en béton armé.

Tome LXVI. No. 12. Mars 20, 1915.

1. Pont en béton armé, sur l'Aar, à Olten (Suisse).
2. Note sur la détermination rationnelle des pièces en béton armé. (Suite et fin).
3. Rapture, pendant les essais, d'une grue flottante de 250 tonnes, du Canal de Panama.

Tome LXVI. No. 13. Mars 27, 1915.

1. Le nouveau magasin à blé de Glasgow. (Planche II.)

Tome LXVI. No. 14. Avril 3, 1915.

1. La construction du second tunnel du Simplon dans la zone des fortes

pressions.

MUNICIPAL JOURNAL

Vol. XXXVIII. No. 6. Feb. 11, 1915.

1. Garbage collection and incineration at Norfolk, Va.
2. Refuse disposal at Savannah.

Vol. XXXVIII. No. 7. Feb. 18, 1915.

1. Constructing Passaic Valley sewer.
2. Handling sewage sludge.

Vol. XXXVIII. No. 8. Feb. 25, 1915.

1. River crossings on the Nepaug pipe line.
2. Leakage from water mains.
3. Gas welding for pipe lines.

Vol. XXXVIII. No. 9. March 4, 1915.

1. Trenton's 1914 paving work.
2. Street paving in Lynn.
3. Asphalt surfaced concrete in California.
4. Bituminous road construction.

Vol. XXXVIII. No. 11. March 18, 1915.

1. Constructing Passaic Valley pumping station.
2. Depth of trickling filters.
3. Sewerage in Salt Lake.
4. Sewerage statistic for 1914. Tables.
5. Sewer-Street at Wichita.
6. Sewage pumping plants.

Vol. XXXVIII. No. 13. April 1, 1915.

1. Road construction in Denver's mountain parks.
2. Sand for concrete pavements.
3. Notes from State Highway Departments.

Vol. XXXVIII. No. 14. April 8, 1915.

1. Baltimore's municipal garage.
2. Refuse disposal in Richmond.

Vol. XXXVIII. No. 15. April 15, 1915.

1. Schenectady's sewage disposal plant.
2. "Activated sludge" sewage disposal.

ÖSTERREICHISCHE WOCHENSCHRIFT FÜR DEN ÖFFENTLICHEN BAUDIENST

Jahrgang XX. Heft 36. Sept. 3, 1914.

1. Eine neue Zentriervorrichtung für Feldmessinstrumente.

Jahrgang XX. Heft 39. Sept. 24, 1914.

1. Wasserkraftausnützung in Österreich.

Jahrgang XX. Heft 40. Oct. 1, 1914.

1. Kampf gegen Schneeverwehungen und Betriebsstockungen auf russischen Bahnen.
2. Biegungsmomente und Querkräfte des durchgehenden Trägers bei beweglichen Lastensystemen. (I. Teil).

Jahrgang. XX. Heft 41. Oct. 8, 1914.

1. Biegungsmomente und Querkräfte des durchgehenden Trägers bei beweglichen Lastensystemen. (Schluss.)
2. Die Erforschung des Erdinnern mittels elektrischer Wellen.

Jahrgang XX. Heft 42. Oct. 15, 1914.

1. Berechnung gewölbter Eisenbahnbrücken in der Geleisekrummung.
2. Einige Daten zur Statistik der österreichischen Reichsstrassen im Jahre 1912.
3. Der Talsperrenbau bei Anina. (Hiezu Tafel 83.)

Jahrgang XX. Heft 43. Oct. 22, 1914.

1. Die Regulierung des Torrente Torre im Küstenlande. (Hiezu Tafel 84 bis 88.)

Jahrgang XX. Heft 44. Oct. 29, 1914.

1. Verbauung der Runse und Rutschung in der Gemeinde Pollau, Bezirk Nikolsburg, Mähren. (Hiezu Tafel 89.)

Jahrgang XX. Heft 45. Nov. 5, 1914.

1. Uferschutzbauten mit Drahtschotterbehälten bei Flussregulierungen und Wildbachverbauungen. (Hiezu Tafel 90–93.)

Jahrgang XX. Heft 46. Nov. 12, 1914.

1. Die Erschliessung des Dachstein-Höhlenparkes.
2. Allgemeine Bemerkungen über die Abmessungen von Erdmauern, insbesondere Kaimauern.

Jahrgang XX. Heft 47. Nov. 19, 1914.

1. Hochwasserkatastrophen und Flussregulierungen. (Hiezu Tafel 94–96.) (I. Teil).
2. Der Staudamm aus Beton durch den Mississippi bei Keokuk.

Jahrgang XX. Heft 48. Nov. 26, 1914.

1. Hochwasserkatastrophen und Flussregulierungen. (Hiezu Tafel 94–96.) (II. Teil und Schluss.)

Jahrgang XX. Heft 49. Dec. 3, 1914.

1. Die Regulierung des unteren Iserflusses. (Hiezu die Tafeln 99–101.) (I. Teil.)
2. Zur Frage der Sicherheit der Eisenbetonkonstruktionen.

Jahrgang XX. Heft 50. Dec. 10, 1914.

1. Die Regulierung des unteren Iserflusses. (Hiezu Tafel 99–101) (II. Teil und Schluss.)

Jahrgang XX. Heft 51. Dec. 17, 1914.

1. Neuere Versuche mit hochwertigem Eisen für Tragwerke. (Hiezu die Tafeln 102 bis 107) (I. Teil.)

Jahrgang XX. Heft 52. Dec. 24, 1914.

1. Neuere Versuche mit hochwertigem Eisen für Tragwerke. (Hiezu die Tafeln 102 bis 107.) (II. Teil.)

Jahrgang XX. Heft 53. Dec. 31, 1914.

1. Neuere Versuche mit hochwertigem Eisen für Tragwerke. (Hiezu die Tafeln 102 bis 107) (III. Teil und Schluss.)

PROCEEDINGS OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS

Vol. XLI. No. 2. February, 1915.

1. Suggested changes and extension of the United States Weather Bureau service in California.
2. Cinder concrete floor construction between steel beams.

Vol. XLI. No. 3. March, 1915.

1. The St. John levee and drainage district of Missouri.
2. Computing run-off from rainfall and other physical data.

PROFESSIONAL MEMOIRS

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

Vol. VII. No. 32. March-April, 1915.

1. Procedure in the investigation of a proposed water power development.
2. Floating concrete caissons. (Foreign and domestic development.)
3. The effect of levees on the flow of sediment in rivers.
4. Excess head in the operation of large locks through the momentum of the column of water in the culverts.
5. Pipe line dredges.
6. Selected articles of engineering interest.

RAILWAY GAZETTE

Vol. XXII. No. 6. Feb. 5, 1915.

1. Railway development in the Philippine Islands. (I).

Vol. XXII. No. 7. Feb. 12, 1915.

1. Kilburn Road Bridge, Metropolitan Railway.

2. Railway development in the Philippine Islands. (II).

Vol. XXII. No. 8. Feb. 19, 1915.

1. Bridges over the Nepean River, New South Wales Government Railways.

Vol. XXII. No. 9. Feb. 26, 1915.

1. A review of the art of signalling and some suggestions.

Vol. XXII. No. 10. March 5, 1915.

1. A comprehensive low grade trunk line development.

Vol. XXII. No. 11. March 12, 1915.

1. Rail steels.

2. Clearing interchange yard for Chicago District.

Vol. XXII. No. 12. March 19, 1915.

1. Internal transverse cracks and fissures in rails.

Vol. XXII. No. 13. March 26, 1915.

1. The operation of a goods shed.

Vol. XXII. No. 14. April 2, 1915.

1. The operation of a goods shed (concluded from page 336).

RAILWAY REVIEW

Vol. 56. No. 8. Feb. 20, 1915.

1. Elkhorn extension of the Carolina, Clinchfield & Ohio Ry.

2. Vanadium steel rails of 105-lb. section, D. L. & W. R. R.

Vol. 56. No. 9. Feb. 27, 1915.

1. Waterproofing solid steel-floor bridges.

Vol. 56. No. 11. March 13, 1915.

1. Some bridge work of the C. M. & St. P. Ry.

2. Dismantling truss spans and erecting plate girders without false work, W. & L. E. R. R.

3. New concrete arch viaduct of the Philadelphia Baltimore & Washington R. R. over Gwynns Falls, Baltimore, Md.

4. The relation of wheel coning to rails and tie plates.
5. Rolling lift bridges for the Delray Connecting R. R.
6. Concrete posts and poles.
7. Tests of rail ingots.
8. The Schraeder shallow pit coaling station.

Vol. 56. No. 12. March 20, 1915.

1. Terminal improvements of the Canadian Pacific Ry., at Vancouver, B. C.
2. Convention of the American Railway Engineering Association.
3. Meeting of the Railway Signal Association.

Vol. 56. No. 13. March 27, 1915.

1. Results with five years' use of screw spikes on the D. L. & W. R. R.

Vol. 56. No. 14. April 3, 1915.

1. Treatment of water for locomotive use.

Vol. 56. No. 16. April 17, 1915.

1. New lift bridge of the Pennsylvania lines in Chicago.
2. Consolidation of earthwork during construction.
3. Wood vs steel water tanks.

SCIENTIFIC AMERICAN

Vol. CXII. No. 7. Feb. 13, 1915.

1. Hydraulic fill dam for an earthquake region. (Work on the Calaveras Reservoir of the San Francisco Water Supply.)

Vol. CXII. No. 10. March 6, 1915.

1. Getting the range. (Instrument which make gun fire effective at distances up to ten miles.)

Vol. CXII. No. 13. March 27, 1915.

1. An aerial monorail. (Mähl system for high speed suspended electrical trains.)

Vol. CXII. No. 16. April 17, 1915.

1. Measuring one twenty-millionth of an inch. (The finest and most

sensitive measuring instrument known to modern science.)

SCIENTIFIC AMERICAN SUPPLEMENT

Vol. LXXIX. No. 2041. Feb. 13, 1915.

1. Making safe steel rails. (A new process intended to meet modern railroad requirements.)

Vol. LXXIX. No. 2043. Feb. 27, 1915.

1. Oxy-acetylene welding. (Howe to make a complete oxy-acetylene welding outfit.)

Vol. LXXIX. No. 2044. March 6, 1915.

1. The hydraulic mining cartridge. (A mechanical device for use where explosives are impossible.)

THE ENGINEER

Vol. CXIX. No. 3083. Jan. 29, 1915.

1. Progress of the New Quebec Bridge.
2. Electrification on the Chicago, Milwaukee and St. Paul Railway.
3. Aerial ropeways. No. II.

Vol. CXIX. No. 3084. Feb. 5, 1915.

1. Fog and fog signals.
2. The improvement of the River Trent.
3. Railways in China. No. X.
4. The Alabama power scheme.

Vol. CXIX. No. 3085. Feb. 12, 1915.

1. The California pumping station of the W. Gloucester Water Co.
2. British Portland cement-making machinery. No. I.

Vol. CXIX. No. 3086. Feb. 19, 1915.

1. British portland cement-making machinery. No. II.

Vol. CXIX. No. 3087. Feb. 26, 1915.

1. Railways in China. No. XI.

2. British Portland cement-making machinery. No. III.

Vol. CXIX. No. 3088. March 5, 1915.

1. Aerial ropeways. No. III.

Vol. CXIX. No. 3089. March 12, 1915.

1. British Portland cement-making machinery. No. IV.
2. Bradford Waterworks. No. I.

Vol. CXIX. No. 3090, March 19, 1915.

1. The development of the Sudan.
2. Bradford Waterworks. No. II.

Vol. CXIX. No. 3091. March 26, 1915.

1. The charges for London Water.
2. British Portland cement-making machinery. No. V.

Vol. CXIX. No. 3092. April 2, 1915.

1. Towing locomotives for the Panama Canal.
2. British Portland cement-making machinery. No. VI.
3. Labour and wages.

THE ENGINEERING MAGAZINE

Vol. XLVIII. No. 6. March, 1915.

1. The Panama Canal and the Ports of the Pacific.
2. The corrosion of iron.

Vol. XLIX. No. 1. April, 1915.

1. The electrification of American railways.
2. The corrosion of iron.

THE INDIAN & EASTERN ENGINEER

Vol. XXXVI. No. 2. February, 1915.

1. The triumph of "white coal"
2. Side groove steel piling in the West Hartlepool Dock improvements.

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