

AUTHORS

	Page.
Archibald, F. R.	615
Ayres, M. V.	592, 606
Baker, Ira O.	97
Barber, Frank	180
Barber, F.	154
Barnes, H. T.	471
Black, D. T. (C.E.)	203
Breithaupe, W. H.	480
Bremmer, G. H.	552
Brophy, J. B.	144
Chalmers, J. C.	295
Chancellor, W. B.	526
Code, A. S.	620
Doane, F. W. W.	652
Easdale, W. C.	497
Eddy, Harrison P.	252, 320
Etcheverry, B. A.	267
Etcheverry, Prof. B. A.	176
Eustace, G. N.	415
Farley, R. W.	62
Fawkes, A. W. Ellison	197
Field, Fred W.	266
Fletcher, Austin B.	611
Fraser, R. A.	646
Gillespie, Peter, (B.A.Sc.)	272
Gill, L. W. (M.Sc.) 359, 378, 558, 590, 278, 290, 315, 609.....	651
Heindle, W. A.	502
Hill, Claud H.	522
Howard, J. W.	551
Howe, E. A.	645
Janin, George	25
Johnson, W. C.	331
Johnston, R. D.	292
Ker, Newton J.	50
King, W. F.	327
Lawton, C. E.	201
McArthur, F. L. (B.Sc.)	349
McLean, W. A.	381
Merrell, Harry H.	87
Merrell, Harry H.	87
Miles, F. C.	536
Murray, T. Aird	148, 174
Murray, T. Aird (C.E.)	222, 618
Pearson, Jas.	422
Perkins, Frank C.	614
Pferifer, H. J.	
Phelps, Earle B.	470, 640
Phelps, Earle Bernard	148, 174
Philpott, W. C.	650
Powell	580
Priestman, Albert	351
Rankin, A. McG.	219
Rorke, L. V. (O.L.S.)	347
Ross, Geo.	577
Seymour, H. L.	100
Sheffield, T. W.	483
Smart, V. I. (B.A.) 386, 410, 450, 482	506
Stewart, L. B.	420
Stewart, L. B.	11
Swan, W. G.	10
Thompson, R. H.	408
Walden	580
Warren, Geo. C.	418
Watson, J. D. (C.E.)	270, 292
Wheelock, C. R. (C.E.)	249
Whelwright, Chas. S.	604
Whipple, Geo. C.	440
Worthington, W. R.	393
Young, C. R.	5
Young, R. E.	149

SOCIETIES

Alberta Association of Architects, Officers Elected	188
Astronomical Society of Saskatchewan	210
B. C. Land Surveyors' Annual Meeting	70

	Page.
Canadian Cement Association	120
Canadian Clay Products Association Annual Meeting	70
Can. Society of Civil Engineers: Officers for 1910	84
Canadian Gas Association	629
Engineering Society Toronto University, Annual Dinner	93
Engineers' Club of Toronto—Annual Dinner	189
Montreal Builders' Exchange	93
Winnipeg Builders' Exchange Banquet	210

BOOK REVIEWS

American Special Library	130
Bridges and Culverts, Concrete ..	362
Bridge Trusses	255
Bridge and Structural Design	362
Canadian Almanac	35
Cement Manufacturers Directory, Portland	132
Cement in Seawater	255
Concrete Steel Construction, by C. A. P. Turner	35
Condensing Plant	622
Contracting	511
Corrosion and Preservation of Iron and Steel	621
Cost Data	362
Cost, Keeping and Management, Engineering	362
Culverts and Concrete Bridges....	362
Design in Heavy Framing	255
Direct and Alternating Testing ..	255
Eccentric Riveted	510
Efficiency as a Basis for Operation and Wages, by Harrington Emerson	132
Electric Power Plant	510
Electric Power Conditions	254
Electricity	622
Engineering, Cost, Keeping and Management	362
Gasoline Engines	623
Heavy Electrical Engineering, by H. M. Hobart	36
Hydro-Electric Development and Engineering, by Frank Koester ..	36
Library, An American Special	130
Logarithmic Slide Rule	511
Overhead Transmission Line Crossings	254
Masonry Construction by Ira Osborne Baker	34
Mechanics and Materials, Elements of, by C. E. Houghton....	133
Nelson's Perpetual Loose-Leaf Encyclopaedia	362
Oil Engine	621
Portland Cement, by A. C. Davis..	36
Practical Armature and Magnet Winding, by Henry C. Herstmann	133
Practical Engineer Pocket Books.	133
Railway Law of Canada, by Samuel W. Jacobs	133
Recognition of Minerals	256
Reinforced Concrete	622
Specification Data	35
Standard Turnouts	510
Valves	511
Workshop Machines and Processes.	621
Wrought Pipe Drainage System ..	362

CONTRACTS

Air Compressor	428
Air Pump	428
Asphalt Plant	337
Asphalt Sidewalks	596

	Page.
Automobile	187
Awarded to	399
Boilers	66
Brass Curb Cocks	368
Bridge	570
Bridge	91, 92, 112, 161, 187
Butt Joint	458
Cable	282
Cast Iron Pipe	187
Cast Iron Pipe, 208, 307, 429, 458, 569, 570	597
Cement	91, 161
Cement, 283, 282, 208, 234, 428, 429, ..	597
Cement Walks	399
City Catch Pits	428
Coal	256, 282, 596, 598
Concrete Arch	541
Concrete and Bridge	337, 399
Concrete Work...307, 399, 599, 628, ..	660
Conduit	307
Cotton Hose	599
Crusher, Rock	257
Curbs and Gutters	337, 458
Dredging	307
Earth	307, 598
Electrical Equipment	91, 92, 187
Electrical Equipment208, 234, ..	337
Elevator	515
Engines	66
Explosives	428
Fence	257
Fire-fighting apparatus	112, 187
Fire Engine	597
Fire Hose	626
Fire Station	256
Garbage Destroyer	598
Gates	257
Grading	234
Granolithic Walk	660
Gravel	258, 337
Heating	256
Hydrants	429, 428
Iron Castings	187
Iron Pipe	399
Lead Pipe	369, 428
Lineal Foot	458
Main Pipe	660
Meters	368, 515
Other Tenders	660
Pavement	429, 488
Paving	161
Paving	208, 570, 599
Piles	628
Piling	92
Pipe	161
Pipe Sewers	515, 597
Pumps	570
Pumps	65, 66
Pumping Equipments	429
Railway	570
Reinforced	307, 488, 570
Reservoir	428
Road	541
Road Roller	282, 488
Rock	307, 598
Rock Crusher	257
Sand	488
Sewage Tanks	187
Sewer	187
Sewer Pipe	338, 458, 515
Sewerage Scheme	337
Shaft	282
Sidewalks	161
Special Castings	429
Steel Pipe	92
Steel Intake Pipe	208
Stone	428
Stop-cocks	428, 597
Tar, Coal	488
Terminal Station	254, 283
Tile Drain	40
Transmission Line	187