

	PAGE		PAGE		PAGE
ENGINEERS: Biography of		MASONRY: Design of		*Mountain Incline at Hamilton, Ontario	508
The Late Thomas Coltrin Keefer, C.E.	144	Preliminary Investigations for Masonry and Foundation Design	585	*Progress on the Hudson Bay Railway	633
ENGINEERS: Enlistment of		METALS: Welding of		RAILWAYS: Electrification of	
Canadian Society Members at the Front	704	Electric Arc Welding	411	Proposed Hydro Radials for Western Ontario	120
EXCAVATION: Cost of		MINERALS: Conservation of		RAILWAYS: Equipment for	
Cost of Initial Mining Excavations	648	Canada's Mineral Resources and the Problem of Their Conservation	231	*A Deseaming Process for Rail Sections	243
EXPLOSIVES: Use of		MINERALS: Production of		Air Seasoning of Railway Cross-Ties	681
Use of Explosives in Open Excavation Work	644	Canadian Production and use of Asbestos	427	Alloyed Steel Rails and Joint Plates	556
FUELS: Conservation of		Ontario Mineral Industry in 1914	531	*New Standard Rail Sections	482
Coal Waste in Canada, and Its Conservation Problem	272	Use and Production of Canadian Mica	507	Sound Steel Rails and Ingots	620
Waste of Natural Gas	279	MINING: Stopping Methods in		*The Angus Shops of the Canadian Pacific Railway	174
FUELS: Manufacture of		Stopping Methods in Mining	269	Use of Screw-Spikes in Railway Work	551
*The Briquetting of Saskatchewan Lignite	259	MUNICIPAL DEVELOPMENT: Engineering in		RAILWAYS: Maintenance of	
HARBORS: Development of		The Engineer's Function in Municipal Development	186	*Annual Charges for Railway Ties	313
*Progress of Montreal Harbor Development	663	MUNICIPAL ENGINEERS: Duties of		The Mechanical Life of Ties as Affected by Ballast	216
*Toronto Harbor Improvement Project	639	Some Factors in Municipal Engineering	256	RAILWAYS: Operation of	
HARBORS: Improvement of		MUNICIPAL GOVERNMENT: Organization of		Filing of Mileage Tariffs by Railways	282
Hamilton Harbor Development... ..	147	The City Manager vs. Commission Government	599	*Grand Trunk Pacific Equipment for Oil Fuel	537
HYDRO-ELECTRIC POWER: Development of		MUNICIPAL IMPROVEMENT: Installation of		Public Protection at Railway Crossings	306
*Hydro-Electric Development at Fountain Falls, Ont.	658	*Municipal Fire Alarm System and Police System at Outremont, Que.	419	Rail Creeping	241
*Hydro-Electric Power Development at Cedars Rapids, Que. ..	172	MUNICIPAL WORK: Equipment for		*Single Track Automatic Signals, T. H. & B. Railway	601
Hydro-Electric Power Development at Jordan River	338	Economical Street Sprinkling in Calgary	275	RAILWAYS: Proposals for	
*Power Development at Kanas-kis Falls	211	MUNICIPAL WORK: Progress of		Ontario Government Electric Railway Project	534
*Power Development at Kanas-kis Falls	245	Civic Work in Victoria, B.C., During 1914	368	RAILWAYS: Terminals for	
*Power Development at Kanas-kis Falls	266	NEWFOUNDLAND: Development of		*New Freight Terminals at Quebec, P.Q.	656
*Puntledge River Power Development	181	Extensive Development in Newfoundland	553	*Terminal Improvements at Vancouver	471
Water Power in New Zealand	657	PILES: Adoption of Concrete Types		REFUSE: Destruction of	
HYDRO-ELECTRIC POWER: Distribution of		Use by Railroads of Concrete Piles	452	*Berlin Incinerator in Operation ..	701
The Niagara Power Situation	238	POWER DEVELOPMENT: Arrangement of Stations		REINFORCED CONCRETE BEAMS: Design of	
HYDRO-ELECTRIC POWER: Production of		*Standardization of Distributing Stations in Ontario	550	*Assumptions in Reinforced Concrete Beam Design	265
*Canadian Water Power	166	POWER DEVELOPMENT: Design of Plant		REINFORCED CONCRETE: Construction in	
INCINERATORS: Design of		*Hydro-Electric Power Plant Design	561	*Crib Construction for the Welland Ship Canal	423
New Incinerator at Berlin, Ont. ...	466	POWER: Development of		REINFORCED CONCRETE: Designing in	
INDUSTRIAL DEVELOPMENT: Opportunities for		*Power Installation at Yorkton, Sask.	125	*Reinforced Concrete Design	327
The Development of the Canadian Chemical Industry	121	*Power Plant at Gillies Lake, Ont.	651	RETAINING WALLS: Stability of	
INDUSTRIAL MANAGEMENT: Inspection of		POWER: Economics of		The Stability of Quay Walls on Earth Foundations	582
The Inspection Department in Its Relation to the Management of Manufacturing Organizations..	199	Steam vs. Water Power	314	ROADS: Administration of	
INDUSTRIAL PLANTS: Development of		POWER: Steam Development of		The Coming Road Convention in Toronto	290
*Power Plant at Donnacona, Que.	229	*New Steam Plant of the Dominion Power and Transmission Co., Ltd., Hamilton	293	Road Nomenclature	262
INDUSTRIAL PLANTS: Economics of		POWER: Transmission of		ROADS AND PAVEMENTS: Repair of	
The Economics of a Manufacturing Plant	323	Constant Voltage Operation of a High Voltage Transmission System	414	Economic Limit of Pavement Repairs	242
IRRIGATION: Development of		PUBLIC UTILITIES: Valuation of		ROADS: Construction of	
*Irrigation Works Near Kelowna, B.C.	319	Appraisal of Public Utility Properties	629	Bituminous Materials for Road Construction	105
LABORATORIES: Equipment for		RAILWAYS: Construction of		Country Road Construction and Maintenance	643
*Engineering Laboratories of the Hydro-Electric Power Commission	622	*Canadian Railway Development in 1914	154	Country Roads	486
LETTER TO THE EDITOR				*Drainage of Earth Roads	559
Grinding Slag for Concrete.....	444			Earth Road Construction and Maintenance	369
				Good Roads and the Contractor..	428
				Sand Cushion vs. Mortar Bed for Wood Block Pavements	682
				Selection of Machinery for Highway Construction	145