

## TRANSACTIONS

OF THE

## Canadian Society of Civil Engineers

JANUARY TO JUNE, 1900.

## CONTENTS

Portrait, HENRY T. BOVEY, President, 1900, Frontispiece.		
No. of Paper.	PAGE	
148	Construction of the Ontario and Berri Street Subways, Brock Street Tunnel, and Notre Dame Street Viaduct. By MR. STUART HOWARD, M. Can. Soc. C. E. ....	34
149	Purification of Sewage by Means of the Soil. By MR. GEORGE JARVIS, A. M. Can. Soc. C. E. ....	40
	Discussion on Paper No. 149. By MR. STUART HOWARD, M. Can. Soc. C. E. ....	58
150	Sewage Disposal. By MR. R. S. LEA, M. A. E., M. Can. Soc. C. E. ....	60
	Discussion on Paper No. 150. By MESSRS. W. M. DAVIS, M. Can. Soc. C. E., and B. S. LEA, M. Can. Soc. C. E. ....	93
151	Engineering Records in the Railway Operating Department. By MR. C. E. CARTWRIGHT, M. Can. Soc. C. E. ....	95
	Discussion on Paper No. 151. By MR. W. T. JENNINGS, M. Can. Soc. C. E. ....	96

## ILLUSTRATIONS.

	Facing page
Plate showing Berri Street Subway .....	44
Plate showing Longitudinal Section of Brock Street Tunnel .....	44
Plate showing Plan, Elevations, and Sections of Masonry Walls of Ontario Street Subway .....	44
Plate showing North Portal and Retaining Wall of Brock Street Tunnel .....	44
Plate showing Notre Dame Street Viaduct .....	44
Plate showing South Portal of Brock Street Tunnel .....	44
Plate showing Section of Brock Street Tunnel .....	44
Plate showing Section of Berri Street Arch .....	44
Plate showing Abutments of Notre Dame Street Viaduct .....	44
Plate showing half plan of piers Notre Dame Viaduct .....	44
Plate giving general view of New Sewage Farm .....	57
Plate showing Utilization of Sewage .....	57
Diagram : Oxidation of Sewage .....	52
Half tone showing Bacter's Beds .....	52
Diagram showing plan and section of Experimental Filters .....	52
Half tone showing Septic Installation .....	52
Diagram showing Septic Tank System of Sewage Treatment .....	52
Half tone showing Exeter Installation .....	52
Diagram showing Septic Tank Plant, Exeter Installation .....	52

## PROCEEDINGS.

Donations to Library .....	34, 45, 94
Election of Members .....	45, 50, 94
Resolutions .....	50, 94

Montreal:

Printed for the Society by JOHN LOVELL & SON  
1900.*The right of publication and translation is reserved.*