# GENERAL INDEX TO THE PROCEEDINGS; VOLUME 1 TO 16 INCLUSIVE (1900 TO 1915)

Published @ 2017 Trieste Publishing Pty Ltd

#### ISBN 9780649680788

General Index to the Proceedings; Volume 1 to 16 Inclusive (1900 to 1915) by American Railway Engineering Association

Except for use in any review, the reproduction or utilisation of this work in whole or in part in any form by any electronic, mechanical or other means, now known or hereafter invented, including xerography, photocopying and recording, or in any information storage or retrieval system, is forbidden without the permission of the publisher, Trieste Publishing Pty Ltd, PO Box 1576 Collingwood, Victoria 3066 Australia.

All rights reserved.

Edited by Trieste Publishing Pty Ltd. Cover @ 2017

This book is sold subject to the condition that it shall not, by way of trade or otherwise, be lent, re-sold, hired out, or otherwise circulated without the publisher's prior consent in any form or binding or cover other than that in which it is published and without a similar condition including this condition being imposed on the subsequent purchaser.

www.triestepublishing.com

## AMERICAN RAILWAY ENGINEERING ASSOCIATION

## GENERAL INDEX TO THE PROCEEDINGS; VOLUME 1 TO 16 INCLUSIVE (1900 TO 1915)



## AMERICAN RAILWAY ENGINEERING ASSOCIATION

## GENERAL INDEX

TO THE

## **PROCEEDINGS**

Volume 1 to 16 inclusive (1900 to 1915)

COMPILED UNDER THE DIRECTION OF THE COMMITTEE ON PUBLICATIONS

STANFORD-LIBRARY

PUBLISHED BY

AMERICAN RAILWAY ENGINEERING ASSOCIATION
CHICAGO, ILL.

#### FOREWORD

The great mass of material contained in the Proceedings of the American Railway Engineering Association—aggregating nearly twenty thousand pages—has demonstrated the need for a General Index of those volumes.

To make this valuable and practical information more readily available to those who have access to the Proceedings of the Association, this Index has been compiled, in the belief that it will be the means of time-saving and ready reference.

This Index has been arranged in alphabetical order, the detailed references to the Proceedings being grouped under appropriate keywords or subheads; a list of the Standing and Special Committees of the Association and an Author Index are included.

The principal key-words have been subdivided thus, Ballast;
-Applying;-Choice;-Cost, etc.

It is the intention to reprint this Index every five years and bring it up to date.

Acknowledgment is made of the valuable assistance rendered in the compilation of this Index by Earl Stimson, H. R. Safford, W. D. Pence, C. P. Howard, A. M. VanAuken and Francis H. McGuigan, Jr.

## LIST OF STANDING AND SPECIAL COMMITTEES

Roadway (formerly Graduation)	Committee	
Rallast (formerly Ballasting)	Committee	I
Ties	Committee	II
Rail	Committee	11
Frack	Committee	1
Buildings	Committee	V
Wooden Bridges and Trestles		
(formerly Bridges and Trestles	)	VI
Masonry	Committee	VII
Signs, Fences and Crossings (form	erly Signs.	
Fences, Crossings and Cattle-C		D
Signals and Interlocking (formerly		-
Signaling and Interlocking)	Committee	2
Records and Accounts (formerly R	enorts	3
Records and Accounts)	Committee	x
Rules and Organization (formerly U	Iniform Pules	-
Organization, Titles, Code, etc		XI
Water Service		XII
Yards and Terminals		XI
Iron and Steel Structures (former)		24.1
Committee on Bridges and Tr		X
Economics of Railway Location		XV
Wood Preservation		XVI
Electricity		XVII
Conservation of Natural Resource		XI
Uniform General Contract Forms.		X
Grading of Lumber (formerly Grad		XX
tion of Maintenance of Way L		22
		STREET, WAS A
Brine Drippings from Refrigerator		
Classification of Track	Special Co	mmitte
Standard Specifications for Cement		
Stresses in Railroad Track	Special Co	mmitte
PROCEEDINGS INDE	XED IN THIS VOLUME	2
Vol. I	Vol. IX	190
Vol. II	Vol. X	
Vol. III	Vol. XI	
Vol. IV	Vol. XII	
	Vol. XIII	
	TUL ALLES	101
Vol. V		101
Vol. VI1905	Vol. XIV	
		191

### PRINCIPAL KEY-WORDS

Page numbers under this heading refer to this Index.

Page	Page
Abutments 9	Classification 29, 101, 214, 253
Accounts 10	Clay Ballast
Additions and Betterments 10	Clearances
Alinement 11	Clearing168
Alloys 11	Coach Yard
Angle Bars 13	Coal 84
Arches 13	Coaling Stations 56
Aspects, Signal	Coal Tar 56
Authority for Expenditure 13	Columns 56
Automatic Block Signals 179	Compression 57
Axleloads 14	Concrete 57
Baggage Rooms	Conservation 65
Ballast	Contract 67
Bessemer Steel	Contractor 68
Bibliography 15, 29, 65, 93, 130,	Conventional Signs 70
139, 146, 179	Conveyors253
Bids	Copper Wire 71
Blast Boards 26	Corrosion 71
Bogs174	Cost Data
Boiler 27	Counterbalancing123
Bolts, Track	Cranes
Bond 67	Creosote 74
Borrow Pit 28	Cribbing169
Brick 28	Crossings 78
Bridges 28	Crossovers 80
Brine Drippings 40	Cross-Section 80
Buildings 41	Culverts242
Cables	Curvature 83
	Curves 80
Canting Rail	Cuts and Fills101
Car	Cypress Lumber 84
	Damages 84
Castings	Deck Bridge
Cement	Deflectometer 85
Chairs, Cast-iron148	Depreciation 41
Charts	Derails 85
Circules Track 188	Discipline 68

PAGE	Page
Disputes	Grading 98
Ditches167	Grading Lumber128
Drainage	Gravel 19
Drawbridge 34	Gravity Yards255
Drawings 88	Grubbing98, 114
Drop Test	Guard Rail
Dump Cars 67	는 일이되었다면 일어한다는 마리나이아 아르네 나라 조심하다 하셨었다.
Dynamometer 87	Handcars115
A STATE OF THE PARTY OF THE PAR	Haul
Easement 81	Heading227
Есопотісь 88	Highway Crossing 79
Electric BR	Hoops116
Electrical Treatment96, 933	Hump Yards256
Elèctrolysis 97	Icing117
Elevation	Impact 33
Embankment 97	Indications, Signal183
Engine 99	Industrial Tracks117
Engine House 42	Ingots
Estimate100	Inspection 154, 188, 247
Excavation100	Insulation
	Interlocking
Failures (Rail)151	Iron
Fall and Rise 89	
Farm Crossings : 79	Joints, Rail119
Fastenings, Track	Joints, Rivetted119
ence108	Knots120
Fillers	
Fills 98	Labor120
ir	Laying Rail
Fireproofing105	Leads, Switch121
Flangeway	Length (Rail)154
Flood106	Liens121
Floors106	Lighting121
Flow (of Water)	Lime
Foremen107	Line 11
Forms Concrete)	Live Load122
Formulas107	Loading122
Foundations107	Location122
Freight107	Locomotive122
Freight Handling108	Loose Rock
	Lumber
Freight Houses 42	- ^^^^^^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Frogs108	Maintenance20, 44, 171, 218
Fuel109	Manganese129
Gage109	Manufacture (Rail)155
Girders110	Maps129
Grade111	Masonry130

Prices ..... 70

Smoke Jacks ..... 47

### PRINCIPAL KEY-WORDS

PAGE	PAGE
Snow Fences	Time Books
Snow Plows	Tonnage Rating161
Snow Sheds	Tool House
Sodding175	Tools
Soft Spots in Roadbed 167, 172	Track
Soils	Track Scales
Specifications	Traffic
Speed191	Train Resistance
Spikes	Trains
Spreader191	Transfer Yard
Standpipe 57	Trestles
Stations192	Tunnels
Steam192	Turnouts
Steam Shovel	Turntables
Steel192	Truss
Stock-Guards192	Unit Stresses 39
Stone 23	[ - [ - [ - [ - [ - [ - [ - [ - [ - [ -
Storehouse 47	Upsets 40
Streets193	Valuation
Stresses	Velocity
Stringers210	Ventilation (of Tunnels)229
Structural Steel 35	Vertical Curves 83
Structures	Virtual Grades113
Stumps175	
Sub-grade229	Wagon230
Supervisors221	Warehouses
Surface221	Washouts
Switch194	Watchmen231
Switching196	Water Pockets167
Switchstand195	Water Power231
Symbols 70	Waterproofing841
Tamping222	Water Service231
Tangent197	Wear242
Tanks197	Weeds
Team Tracks	Wells941
Telpherage	Wharves
Temperature160, 227	Wheel943
Terminals	Whitewashing
Tests199	Wire246
Ties	Wooden Bridges 40
Tie-Plates200	Wood Preservation244
Tie-Spacing	Yards252
Timber909	
Timber Preservation911	Zinc