
CHAPTER 30

TIES¹

Chapter 30 is a combination of the former
 Chapter 3, “Ties & Wood Preservation,” and Chapter 10, “Concrete Ties.”

TABLE OF CONTENTS

Part/Section	Description	Page
1	General Considerations	30-1-1
1.1	Introduction	30-1-3
1.2	Load Environment	30-1-3
1.3	Vertical Loads	30-1-6
1.4	Lateral Loads	30-1-8
1.5	Longitudinal Load	30-1-8
1.6	Rail	30-1-9
1.7	Fastenings	30-1-9
1.8	Influence of Cross Ties on Track Stiffness and Track Transitions	30-1-13
2	Evaluative Tests for Tie Systems	30-2-1
2.1	Tie Performance Test Descriptions	30-2-3
2.2	Bending	30-2-3
2.3	Test 2: Rail/Plate Area Compression	30-2-8
2.4	Ability to Resist	30-2-9
2.5	Tie Pad	30-2-11
2.6	Fastener	30-2-14
2.7	Test 6: Tie and Fastener System Wear/Deterioration Test	30-2-20
2.8	Test 7: Fastener Electrical Impedance Test	30-2-27
2.9	Test 8: Single Tie Lateral Push	30-2-27
3	Solid Sawn Timber Ties	30-3-1
3.1	Timber Cross Ties	30-3-3
3.2	Timber Switch Ties	30-3-12
3.3	Tie Tests and the Economics of Service Life	30-3-15

¹ The material in this and other chapters in the *AREMA Manual for Railway Engineering* is published as recommended practice to railroads and others concerned with the engineering, design and construction of railroad fixed properties (except signals and communications), and allied services and facilities. For the purpose of this Manual, RECOMMENDED PRACTICE is defined as material, device, design, plan, specification, principle or practice recommended to the railways for use as required, either exactly as presented or with such modifications as may be necessary or desirable to meet the needs of individual railways, but in either event, with a view to promoting efficiency and economy in the location, construction, operation or maintenance of railways. It is not intended to imply that other practices may not be equally acceptable.

TABLE OF CONTENTS (CONT)

Part/Section	Description	Page
3.4	Substitute Timber Ties	30-3-18
3.5	The Handling of Ties from the Tree into the Track	30-3-20
3.6	Wood Preserving	30-3-28
3.7	Specifications for Treatment	30-3-36
3.8	Recommended Practice for the Manufacture of Two-Piece Steel Doweled Laminated Cross Ties (TPSDLC)	30-3-42
3.9	Specifications for Timber Industrial Grade Cross Ties	30-3-46
4	Concrete Ties	30-4-1
4.1	General Considerations	30-4-4
4.2	Material	30-4-11
4.3	Tie Dimensions, Configuration and Weight	30-4-16
4.4	Flexural Strength of Prestressed Mono-block Ties	30-4-18
4.5	Flexural Strength of Two-Block Ties	30-4-26
4.6	Longitudinal Rail Restraint	30-4-30
4.7	Lateral Rail Restraint	30-4-30
4.8	Electrical Properties	30-4-30
4.9	Testing of Monoblock Ties	30-4-30
4.10	Testing of Two-Block Ties	30-4-38
4.11	Recommended Practices For Shipping, Handling, Application and Use	30-4-43
4.12	Ballast	30-4-45
4.13	Ties for Turnouts	30-4-46
4.14	Ties for Grade Crossing Panels	30-4-51
4.15	Cast-In and Post-Installed Inserts for Concrete Ties	30-4-51
4.16	Concrete Tie Repair	30-4-52
	Commentary (2019)	30-4-53
5	Engineered Composite Ties	30-5-1
5.1	General Considerations	30-5-2
5.2	Material	30-5-3
5.3	Physical and Mechanical Properties	30-5-5
5.4	Special Considerations	30-5-8
5.5	Quality Control, Inspection, and Identification	30-5-11
5.6	Engineered Composite Ties for Open Deck Bridges	30-5-13
6	Steel Ties	30-6-1
6.1	General Considerations	30-6-1
6.2	Physical & Mechanical Properties	30-6-1
6.3	Steel Switch Ties, Steel Grade Crossing Ties & Other Specialty Steel Ties	30-6-2
6.4	Ballast & Sub-Grade Requirement for Steel Ties	30-6-2
6.5	Tamping & Compaction of Ballast in Steel Tie Track & Switches	30-6-3
6.6	Steel Tie Identification, Marking of Tie, Inspection and Quality Control	30-6-3
Chapter 30	Glossary	30-G-1
References		30-R-1

INTRODUCTION

The Chapters of the AREMA Manual are divided into numbered Parts, each comprised of related documents (specifications, recommended practices, plans, etc.). Individual Parts are divided into Sections by centered headings set in capital letters and identified by a Section number. These Sections are subdivided into Articles designated by numbered side headings.

Page Numbers – In the page numbering of the Manual (30-2-1, for example) the first numeral designates the Chapter number, the second denotes the Part number in the Chapter, and the third numeral designates the page number in the Part. Thus, 30-2-1 means Chapter 30, Part 2, page 1.

In the Glossary and References, the Part number is replaced by either a “G” for Glossary or “R” for References.

Document Dates – The bold type date (Document Date) at the beginning of each document (Part) applies to the document as a whole and designates the year in which revisions were last made somewhere in the document, unless an attached footnote indicates that the document was adopted, reapproved, or rewritten in that year.

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