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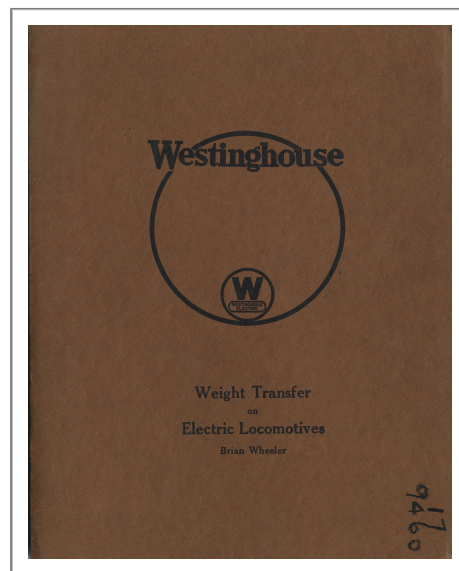
National Museum of American History Kenneth E. Behring Center

Guide to the Division of Transportation: Railroads' Engineering Data

NMAH.AC.0207

Lisa Ulrich and Robert Harding

June 1986



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Collection Overview

Repository:	Archives Center, National Museum of American History
Title:	Division of Transportation: Railroads' Engineering Data
Date:	1912-1949
Identifier:	NMAH.AC.0207
Source:	National Museum of American History (U.S.). Division of Transportation
Creator:	Hamily, David (Creator)
Extent:	1.5 Cubic feet (5 boxes)
Language:	English .
Summary:	Collection of railroad engineering data.

Administrative Information

Acquisition Information

This collection was donated by David Hamily of Pittsburgh, Pennsylvania in 1986.

Provenance

Collection transferred to the Archives Center from the Division of Transportation (now Division of Work and Industry) to the Archives Center.

Processing Information

Processed by Lisa Ulrich and Robert Harding, June 1986. Revised by Robert Harding, 2002.

Preferred Citation

Division of Transportation: Railroads' Engineering Data, Archives Center, National Museum of American History.

Restrictions

The collection is open for research use.

Conditions Governing Use

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Scope and Contents

This collection consists of statistics on electric train operation, drawings, blueprints, technical papers, train classifications, research and development reports, business and financial correspondence (1933, 1939-1948,

1940-1941), installation and operation instructions, locomotive system test procedures, locomotive operations data and calculations, records of locomotive mileages and part failures, suggested locomotive improvements, locomotive specifications, plans for fire extinguishing systems, tonnage ratings and includes material from the New York, New Haven, and Hartford Railroad, Piedmont and Northern Railroad, Pennsylvania Railroad, Takata and Co. Railroad, Philadelphia and Western Railroad, Sorocabana Railway, and Erie Railroad Co.

Arrangement

The collection is divided into 8 series.

Series 1: New York, New Haven, and Hartford Railroad

Series 2: Piedmont and Northern Railway Company

Series 3: Takata and Company

Series 4: Philadelphia and Western Railway Company

Series 5: Sorocabana Railway

Series 6; Pennsylvania Railroad

Series 7: Miscellaneous Westinghouse Reports

Series 8: Erie Railroad Company

Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

- Engineering
- Locomotive industry
- Locomotives -- Design and construction
- Railroads

Types of Materials:

- Blueprints
- Correspondence -- 1930-1950
- Statistics

Names:

- Erie Railroad Company
- National Museum of American History (U.S.). Division of Transportation
- New York, New Haven, and Hartford Railroad.
- Pennsylvania Railroad.
- Philadelphia and Western Railroad.
- Piedmont and Northern Railroad.
- Sorocabana Railway.
- Takata and Company Railroad.

Places:

- Hartford (Conn.)

New Haven (Conn.)
New York
Pennsylvania
Philadelphia (Pa.)

Container Listing

Series 1: New York, New Haven, and Hartford Railroad, 1912 and 1930

Box 1, Folder 1	Cross section of wire arrangements, 1912-05-22
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Box 1, Folder 1	Statistics of Electric Operations, 1930-09-01
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Box 1, Folder 1	7 Schematic Diagrams of Circuits
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Series 2: Piedmont and Northern Railway Co., 1940-1941

Box 1, Folder 2

Business Correspondence, 1940-06-25-1941-01-10

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Series 3: Takata and Company, 1927

Box 1, Folder 3

Data Book regarding resistors and mechanical parts, 1927

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Series 4: Philadelphia and Western Railway Company, 1931

Box 1, Folder 4

Proposal for Switch Control Unit, 1931-04-07

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Series 5: Sorocabana Railway, 1912-1949

Box 1, Folder 5

Locomotive Specifications

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Series 6: Pennsylvania Railroad, 1932-1949

Box 2, Folder 1	Wire Test Procedure P-5A Locomotive, 1932-10-10
Box 2, Folder 1	LGA Locomotive Testing, August 1933 - October 1933
Box 2, Folder 1	Air Distribution Tests, February 1934
Box 2, Folder 2	Blueprint for Cab Apparatus Arrangement, 1934-07-17
Box 2, Folder 2	Drawing for Cab Apparatus Arrangement, 1934-07-17
Box 2, Folder 2	Report regarding: Air Distribution Tests, February, 1935
Box 2, Folder 2	Wiring test for P-5A (modified) Locomotive, February, 1935
Box 2, Folder 3	Scale diagram of Railroad Car, 1935-03-29
Box 2, Folder 3	Data for P-SA locomotive temperature 1936-01-10
Box 2, Folder 3	Diagram of Locomotive Main & Control Circuit, 1937-09-21
Box 2, Folder 3	Blueprint of Locomotive Main & Control Circuit, 1937-09-21
Box 3, Folder 1	Suggested Improvements for GG-I Locomotive, October 1939 - April 1948
Box 3, Folder 1	Fire Extinguishers P-5A Locomotives, January 1947
Box 3, Folder 2	GG-I Transformer Instructions, 1936-01-10
Box 3, Folder 2	Elimination of Rust Deposits, 1936-05-01
Box 4, Folder 1	Locomotive 4820 Tests, 1945
Box 4, Folder 2	Electric Locomotive Specifications, February 1947
Box 4, Folder 2	Nine & Industrial Locomotive Class, 1947-10-03
Box 4, Folder 2	Mileage & Part Failure, September 1948 - April 1949
Box 4, Folder 3	Weight Transfer on Electric Locomotives
Box 4, Folder 3	<p>Weight Transfer on Electric Locomotives, [report], undated 1 Item (Ink on paper.; 11.2" x 8.9") Image(s) Image(s) Publisher: Westinghouse Electric & Manufacturing Company</p>

Language: English.
Notes: AC0207-0000001-01 (AC Scan No.)
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by Brian Wheeler.
Topic: Locomotives
Genre/Form: Reports

Box 4, Folder 3

Rail Car Power Sources and Mechanisms

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Series 7: Erie Railroad Co., 1928-1929

Box 5, Folder 1	Tonnage Rating Index, 1928-07-01 - 1929-02-01
Box 5, Folder 1	Tonnage Rating Sheets (2), 1928-12-01

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