



Smithsonian  
*National Museum of American History*  
*Kenneth E. Behring Center*

## Guide to the Frank H. Waring Papers

NMAH.AC.0895

Adrienne Cain

2007

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## Collection Overview

<b>Repository:</b>	Archives Center, National Museum of American History
<b>Title:</b>	Frank H. Waring Papers
<b>Identifier:</b>	NMAH.AC.0895
<b>Date:</b>	1912-1997
<b>Extent:</b>	4 Cubic feet (4 boxes)
<b>Source:</b>	History of Technology, Division of, NMAH, SI Waring, Frank H., 1925-
<b>Language:</b>	English
<b>Summary:</b>	Collection documents transportation analyst, consultant and planner Frank H. Waring and his consulting firm The Waring Group, Inc.

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## Administrative Information

### Immediate Source of Acquisition

Donated by Frank H. Waring to the Archives Center in 2005.

### Processing Information

Collection processed by Adrienne Cain; supervised by Alison Oswald, April 2007.

### Preferred Citation

Frank H. Waring papers, 1912-1997, Archives Center, National Museum of American History.

### Restrictions on Access

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## Biographical / Historical

Transportation analyst, consultant and planner Frank H. Waring (b. 1925-) has over fifty years of experience in railroad transportation management and in general transportation consulting. Waring was employed by the Virginia and Maryland Railroad Company (VAMD) and the Maryland and Delaware

Railroad Company (MDDE) where he served as Vice President both companies. Also, Waring worked for the Delaware-Maryland-Virginia Company (DMV). Waring founded an independent firm RHM Consultants, Inc. in January 1981 to dedicate more of his time to diverse consulting projects and to become less involved with the Delmarva Railroads. In September 1981, Waring's employment with VAMD and MDDE was terminated and he became a fulltime consultant. In 1983, the name of the firm was changed from RHM Consultants, Inc. to The Waring Group, Inc. In 1987, Printo, Kane Research, Inc. (PKRI) acquired the Waring Group.

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## Scope and Contents

Papers include reports, proposals, studies, and blueprints for projects on which Waring worked during the course of his consulting career. The subject matter includes railroad tariffs and rail abandonment to coal transportation. There are three blueprints, two photographs of Cloverdale and Colpitts annual dinner at the University Club and a roster of officers and members for the Traffic Club of New York.

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## Arrangement

The collection is arranged into nine series.

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Series 1, The Waring Group Inc., Business Plans, 1976-1989

Series 2, Project Reports, 1949-1989

Series 3, Proposals, 1979-1988

Series 4, Studies, 1979-1983

Series 5, Other, 1964-1987, undated

Series 6, Blueprints and Maps, 1912-1991

Series 7, Subject Files, circa 1923-1997

Series 8, Photographs, circa 1931-1935, 1963, 1965

Series 9, Miscellaneous, 1951-1996

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## Names and Subject Terms

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

Subjects:

Railroads

Railroads -- 20th century

Transportation -- History

Types of Materials:

Blueprints -- 1950-2000  
Reports

Names:

History of Technology, Division of, NMAH, SI  
Maryland and Delaware Railroad Company  
RHM Consultants, Inc.  
Virginia and Maryland Railroad Company  
Waring Group, Inc.

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## Container Listing

### Series 1: The Waring Group, Inc. Business Plans, 1976-1989

Box 1, Folder 1	Printon, Kane/Waring Group Business Plan, 1988
Box 1, Folder 2	Canton Railroad Company-Business Plan, Proposal and Report, 1987-1988
Box 1, Folder 3	Canton Railroad Company, 1988-1989
Box 1, Folder 4	Lamoille Valley Railroad Company, 1987-1989
Box 1, Folder 5	Atlantic Electric Company, 1980
Box 1, Folder 6	Atlantic Electric Company, Western Fuels-Utah, Inc. Moon Lake Project, 1981
Box 1, Folder 7	Baltimore and Annapolis Railroad Company Surcharge Case, 1976-1983
Box 1, Folder 8	Baltimore and Annapolis Railroad Company, Aberdeen and Rockfish Railroad Company, Perdue, Miami Valley (OH), Delaware D.O.T., 1983-1988
Box 1, Folder 9	Acertek Brake Beams-Original Proposal and Market Study, 1988
Box 1, Folder 10	Acertek Break Beams Part 2, 1988-1989

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## Series 2: Project Reports, 1949-1989

- Box 2, Folder 1      The City of New York Board of Transportation Report for the three and one-half years ending, June 30, 1949
- Box 2, Folder 2      Rio Blanco Project Preliminary Estimates of Construction and Operation Costs for Transportation Facilities, November 1959
- Box 2, Folder 3      Report on the Revenues, Costs and Net Income of the California Zephyr Over the Western Pacific Railroad and Alternate Means of Transportation, July 1965
- Box 2, Folder 4      Report on the Revenues, Costs and Net Income of the California Zephyr Over the Western Pacific Railroad and Alternate Means of Transportation, September 1966
- Box 2, Folder 5      Report on Public Transportation in County of Marin, December 1966
- Box 2, Folder 6      Report to the New York City Transit Authority of Recommendation for Rapid Transit Connections to the 63rd Street Tunnel in Manhattan and Queens and for Location of an East Side Manhattan Rapid Transit Line with Connections to the Bronx, January 1968
- Box 2, Folder 7      Report on Urban Mass Transportation in Metropolitan Mobile, Alabama Including Valuation Supplement,, January 1970
- Box 2, Folder 8      Report on Plan of Assistance Incident to the Acquisition of Atlanta Transit System, Inc. by the Metropolitan Atlanta Rapid Transit Authority including Valuation of Physical Assets and other Operation and Intangible Assets of Atlanta Transit System, Inc., September 1971
- Box 2, Folder 9      Transit Service Bayonne to Jersey City, New Jersey Department of Transportation, Final Report Appendix, April 1977
- Box 2, Folder 10      Transit Service Bayonne to Jersey City, New Jersey Department of Transportation, Final Report, April 1977
- Box 2, Folder 11      Technical and Cost Proposal Rail Traffic Analysis, Prepared for: Schuylkill County Rail Transport Authority, August 1982
- Box 2, Folder 12      URS Company Inc., Draft Final Report on the Cause of a Fire Occurring on DFRIF Flatcar DODX 39598, Prepared for: Military Ocean Terminal, Bayonne, New Jersey, November 1982
- Box 2, Folder 13      Operations Analysis of Seagirt Rail Intermodal Container Transfer Facility Final Report, Prepared for Maryland Port Administration by Temple, Barker & Sloane, Inc., January 1987

- Box 2, Folder 14      Valuation of Southern Pacific Transportation Properties in Arizona by Printon, Kane Research, Inc., August 1987
- Box 2, Folder 15      The Financial Picture of Burlington Northern Inc. and Its Business Activities by Printon, Kane Research, December 1987
- Box 2, Folder 16      Report to Canton Railroad Company on Five Year Business Plan by Printon, Kane/Waring Group, March 1988
- Box 2, Folder 17      Report on the Financial Feasibility of the Proposed Donohue Matane Inc. Forest Products Complex, February 1989

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## Series 3: Proposals, 1979-1988

- Box 2, Folder 18      State of Connecticut Department of Transportation Proposal to Conduct A "Commuter Rail Car Fleet Study New Haven Line (H-370)", February, 1979
- Box 2, Folder 19      Pacific Resources Incorporated Proposal to Review the Feasibility of the Port of Kalama as a Coal Transshipment Port, May 1981
- Box 2, Folder 20      Stone & Webster Proposal to Evaluate the Impact of Coal Unit Trains on Operation and Maintenance Cost for the Electric Power Research Institute, 1981
- Box 2, Folder 21      DeLeuw, Cather & Company of Virginia Proposal to the Tidewater Transportation District Commission for a Study of Cost Effectiveness of Restoring Rail Passenger Service in the Norfolk-Virginia Beach Corridor, December 1984
- Box 2, Folder 22      Proposal to Federal Railroad Administration for Technical and Financial Services for the Mid-States Port Authority Rehabilitation Project Staffing Proposal, March 1985
- Box 2, Folder 23      Proposal to Federal Railroad Administration for Technical and Financial Services for the Mid-States Port Authority Rehabilitation Project Cost Proposal, March 1985
- Box 2, Folder 24      Proposal to Federal Railroad Administration for Technical and Financial Services for the Mid-States Port Authority Rehabilitation Project Technical Proposal, March 1985
- Box 3, Folder 1      Stone & Webster, United States Agency for International Development Proposal to Conduct a Pre-investment Analysis of Increasing Nitrogen Fertilizer Production in Upper Egypt, April 1985
- Box 3, Folder 2      Stone & Webster, Port Authority of Allegheny County Maintenance Department Proposal Narrative to Conduct A Work Methods, Policies and Procedures Study (Job Analysis Descriptions), March 1986
- Box 3, Folder 3      Proposal by Florida Crushed Stone Company for the Acquisition and Operation of Rail Line Between Sulphur Springs, and Broco, Florida, 1987
- Box 3, Folder 4      Proposal for Switching Operations for Weyerhaeuser Paper Company Plymouth, North Carolina, January 1987
- Box 3, Folder 5      Proposal to Develop a Five year Business Plan for the Canton Railroad by the Printon, Kane/Waring Group, December 1987
- Box 3, Folder 6      Proposal to Norfolk Southern Corporation to Establish A Shortline Marketing Function by the Printon, Kane/Waring Group, January 1988

Box 3, Folder 7

Great Northern Paper Proposal to Review Transportation/Distribution Operations, March 1988

Box 3, Folder 8

Proposal to Conduct a study of the market of Railroad Freight Car Brake Beams in The United States and Canada by Printon, Kane/Waring Group, May 1988

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## Series 4: Studies, 1979-1983

- Box 3, Folder 9            Via Rail Canada, Inc. Proposal to Conduct an Independent Study of Passenger Equipment Servicing and Maintenance, August 1988
- Box 3, Folder 10        Nova Scotia Department of Transportation and Communications Rail Versus Road-Freight Alternatives into the 21st Century, September 1988
- Box 3, Folder 11        North Carolina Intercity Bus Study by Fredrick D. Fravel, Final Report, September 1979
- Box 3, Folder 12        McLean Trucking Company Study of General Office Traffic Department by Stone & Webster, November 1980
- Box 3, Folder 13        Philipp Brothers Division Engelhard Minerals & Chemicals Corporation Coal Unit Train Study Phase I, by Stone & Webster, March 1981
- Box 3, Folder 14        Proposal to Conduct a North Carolina Intercity Bus Market Research Study by Stone & Webster, June 1981
- Box 3, Folder 15        North Carolina Intercity Bus Market Study by Stone & Webster,, August 1982
- Box 3, Folder 16        Analysis of the Viability of the Eastern Shore Railroad by URS/Coverdale & Colpitts, Prepared for Canonie Atlantic Company,, August 1983

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## Series 5: Other, 1964-1987, undated

- Box 3, Folder 17 Commonwealth of Massachusetts Department of Public Utilities Exhibits of the New York, New Haven and Hartford Railroad Company (Richard Joyce Smith, William J. Kirk, Harry W. Dorigan, Trustees) to be Submitted at Hearings Beginning February 4, 1964, January 1964
- Box 3, Folder 18 Before the Interstate Commission Statement of the New York, New Haven and Hartford Railroad Company (Richard Joyce Smith, William J. Kirk, Harry W. Dorigan, Trustees) in Relation to Proposed Discontinuance of Certain Passenger Trains to and from New York, March 1965
- Box 3, Folder 19 Before the Interstate Commission Statement of the New York, New Haven and Hartford Railroad Company (Richard Joyce Smith, William J. Kirk, Harry W. Dorigan, Trustees) in Relation to Proposed Discontinuance of All Interstate Passenger Train Operation, March 1966
- Box 3, Folder 20 Boston Gas Company Vehicle Fleet Management Audit by Stone & Webster, February, 1978
- Box 3, Folder 21 Public Participation in Rail Abandonment Cases Under the Interstate Commerce Act, December 1984
- Box 3, Folder 22 Railroads: Blueprints for Survival Beyond the 1980 Decade or Revving Up for the 21st Century, February 1987
- Box 3, Folder 23 Oak Ridge Associated Universities Radioactive Waste Management Transportation Program, Transportation and Related Qualifications, July 1987
- Box 3, Folder 24 Stone & Management Consultants, Inc. Consultants to the Transportation Industry, undated

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## Series 6: Blueprints and Maps, 1912-1991

Map-folder 1	General Arrangement 80-Ton Flat Car, 1961 September
Map-folder 1	Brake Arrangement, 1957 February
Map-folder 1	Topographic survey for Hudson Foods near Princess Anne, Somerset County, Maryland, 1989 April 4
Map-folder 1	New York City Transit Authority maps, 1926-1979
Map-folder 1	Boston & Maine Railroad, 1912
Map-folder 1	Conrail System, 1991
Map-folder 1	Malayan Railway Train Diagram, 1967 February

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## Series 7: Subject Files, circa 1923-1997

Box 5, Folder 1	Chesapeake bay boats, circa 1923-1968
Box 5, Folder 2	4c3 Coal Data, circa 1969-1979
Box 5, Folder 3	Germany and Holland, circa 1969-1970
Box 5, Folder 4	Interstate Commerce Commission, 1987 April 3
Box 5, Folder 5	Long Island Railroad, circa 1950-1987
Box 5, Folder 6	Maine Central Railroad, circa 1947-1992
Box 5, Folder 7	Moscow, circa 1965-1974
Box 5, Folder 8	Maps, 1912-1991
Box 5, Folder 9	Metropolitan Association of Designers, Engineers and Planners (MAUDEP), 1970 May
Box 5, Folder 10	Mississippi Export Railroad Company Report, 1958
Box 5, Folder 11-12	Missouri Pacific Historical Society The Eagle newsletter, 1985-1997
Box 5, Folder 13-14	Miscellaneous, circa 1933-1984
Box 5, Folder 15	New York, New Haven and Hartford Railroad Company, 1944, 1964, 1985
Box 5, Folder 16	New York Central, circa 1940-1983
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Box 5, Folder 18	New York City Transit Authority Maps, circa 1957-1971
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Box 4, Folder 9	Paris, 1964-1970
Box 4, Folder 10	Panama Railroad Company Timetable, 1943
Box 4, Folder 11	Peru--Cerro Transportation Study, 1962

Box 4, Folder 12	Railroad Electrification, X-5D, circa 1968-1984
Box 4, Folder 13	Railroad forms, circa 1922-1981
Box 4, Folder 14	Railroad Uniform Buttons, 1987
Box 4, Folder 15	St. Johnsbury & Lamoille County Railroad, circa 1948-1964
Box 4, Folder 16-17	4S4 Short Line Start-Up, circa 1982-1991
Box 4, Folder 18	Tex-Mex Railway, circa 1986
Box 4, Folder 19	Tickets and passes, circa 1946-1994
Box 4, Folder 20	Train warrant sheets, undated

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## Series 8: Photographs, circa 1931-1935, 1963, 1965

- Box 4                      Dinner, Cloverdale and Colpitts, University Club 6th from left, Frank H. Waring,  
December 30, 1963  
*1 Photograph (Rolled)*
- Box 4                      Dinner, Cloverdale and Colpitts, University Club 5th from right—at table—Frank  
H. Waring, 30 December 1965  
*1 Photograph (Rolled)*
- Box 4, Folder 8            General railroad car and interior images, circa 1931-1935

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## Series 9: Miscellaneous, 1951-1996

Box 4, Folder 1-4      Maryland and Delaware Railroad, 1981-1996

Box 4, Folder 5-7      New York City Rapid Transit Corporation, 1951

Box 4                      The Traffic Club of New York, Roster of Officers and Members, 1977-1978

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