



Smithsonian

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

## Robert F. Olds Collection

NMAH.AC.0231

David A. Stevens

1986

Archives Center, National Museum of American History

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## Collection Overview

<b>Repository:</b>	Archives Center, National Museum of American History
<b>Title:</b>	Robert F. Olds Collection
<b>Date:</b>	1918-1948
<b>Identifier:</b>	NMAH.AC.0231
<b>Source:</b>	National Museum of American History (U.S.). Division of Mechanical and Civil Engineering (Collector)
<b>Creator:</b>	Olds, Robert F., 1881- (civil engineer) (Author)
<b>Extent:</b>	1.2 Cubic feet (4 boxes)
<b>Language:</b>	English .

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## Administrative Information

### Acquisition Information

Immediate source of acquisition unknown.

### Provenance

Collection transferred to the Archives Center from the Division of Mechanical and Civil Engineering (now Division of Work and Industry) , August 7, 1986.

### Processing Information

Collection processed by David Stevens, 1986.

### Preferred Citation

Robert F. Olds Collection, 1918-1948, Archives Center, National Museum of American History.

### Restrictions

Collection is open for research.

### Conditions Governing Use

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## Biographical / Historical

Robert P. Olds (1881-?) was a civil engineer of dams, hydroelectric plants, steam plants, water supply systems, and sewage systems.

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## Scope and Contents

The collection contains material from fourteen dam construction projects (1918-1946), including notes, blueprints, reports, drawings, and correspondence. In addition there is cost data (1923-1943), equipment and materials testing data (1939-1945), a notebook, photoprints (1926-1938), related journal articles (1927, 1933, 1940), and miscellaneous related journals, manuals, and catalogs.

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## Arrangement

The collection is divided into seven series

Series 1: Dam Construction Materials, 1922-1944

Series 2: Cost Data, 1923-1945

Series 3: Equipment and Materials Testing Data, 1939-1945

Series 4: Notebook, undated

Series 5; Photoprints, 1926-1938

Series 6: Journal Articles, 1927, 1933, 1940

Series 7; Miscellaneous Journals, Manuals, Catalogs, undated

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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:

- Civil engineering
- Civil engineers
- Dams
- Engineering
- Generators and generating stations
- Hydraulic engineering and engineers
- Hydroelectric power plants
- Periodicals
- Water supplies

### Types of Materials:

- Blueprints
- Drawings -- 1900-1950
- Notebooks
- Notes
- Photographs -- Black-and-white photoprints -- 1900-1950
- Reports

### Names:

National Museum of American History (U.S.). Division of Mechanical and Civil Engineering

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## Container Listing

### Series 1: Dam Construction Materials, 1922 - 1944

Box 1, Folder 1-4	Bellows Falls Development, Vermont, 1926-28
Box 1, Folder 5	Columbia River Basin, 1948
Box 1, Folder 6-7	Conowingo Hydroelectric Project, Maryland,, 1926-28
Box 1, Folder 8	Davis Bridge Development, Vermont (blueprints), 1922-23
Box 1, Folder 9-12	Fifteen Mile Falls, E. Barnet, Vermont, 1929-30
Box 1, Folder 13	Madden Dam Project, Panama Canal Zone, 1931
Box 2, Folder 14-16	Pickwick Landing Dam, Tennessee Valley Authority (TVA), 1938-39
Box 2, Folder 17	Ross Dam, Washington, 1943-45
Box 2, Folder 18-20	Sacandaga Reservoir, New York (Conklingville Dam), 1924-40
Box 2, Folder 21	Safe Harbor Project, Pennsylvania, 1935
Box 2, Folder 22	Saint Lawrence Seaway, 1941-46
Box 2, Folder 23	San Francisco Regional Office, Federal Power Commission, Division of Water Power, 1944
Box 2, Folder 24	Stevenson Hydroelectric Plant, Vermont, 1918-20
Box 2, Folder 25	Tennessee Valley Authority (TVA) See also Pickwick Landing Dam, folders 14-16), 6/1938
Box 2, Folder 26	Tennessee Valley Authority (TVA)(See also Pickwick Landing Dam, folders 14-16), 6/1941

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## Series 2: Cost Data, 1923-1945

Box 3, Folder 27	Excavation, 1940-45
Box 3, Folder 28	Hydroelectric Plants, 1923-1945
Box 3, Folder 29	Hydroelectric Plant Production Cost, 1938-42
Box 3, Folder 30	Hydroelectric and Steam Plant, 1940
Box 3, Folder 31	Spillway Gates, 1926-41
Box 3, Folder 32	Steam Plant Operation, 1938-43

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## Series 3: Equipment and Materials Testing Data, 1939-45

### *Box 3*

Box 3, Folder 33	Bethlehem Steel H-Piling, 1945
Box 3, Folder 34	I.p. Morris Turbines, 1942
Box 3, Folder 35	Propellor Turbines, 1939
Box 3, Folder 36	Smith Turbines, 1940
Box 3, Folder 37	Smith Turbines, 1942

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## Series 4: Notebook, undated

Box 3, Folder 38

Organized alphabetically by subject

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## Series 5: Photoprints, 1926 - 1938

Box 3, Folder 39	Tennessee Valley Authority (TVA) Dam, 1935-38
Box 3, Folder 40	Miscellaneous, 1926-38

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## Series 6: Journal Articles, 1927, 1933, 1940

Box 3, Folder 41	The Story of New England Power in Financial Report, 8/1927
Box 3, Folder 42	Article about Earth Dams in Engineering News Record, 8/31/1933
Box 3, Folder 43	Wood Panel Forms For Building Concrete Dams in Construction Methods, 6/1940
Box 3, Folder 44	Rock Drilling Practice in Construction Methods, 6/1940
Box 3, Folder 45	Speedy Tunneling in Construction Methods, 9/1940

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## Series 7: Miscellaneous Journals, Manuals and Catalogs, undated

*Box 4, Folder 46*

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