



Smithsonian

National Museum of American History Kenneth E. Behring Center

Guide to the David Plowden Steel Manufacturing Photographs

NMAH.AC.1020

Alison Oswald

2018

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Collection Overview

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| Repository: | Archives Center, National Museum of American History |
| Title: | David Plowden Steel Manufacturing Photographs |
| Date: | 1981 |
| Identifier: | NMAH.AC.1020 |
| Source: | National Museum of American History (U.S.). Division of Work and Industry National Museum of American History (U.S.). Division of Mechanical and Civil Engineering |
| Creator: | Plowden, David |
| Extent: | 0.15 Cubic feet (1 box) |
| Language: | English . |

Administrative Information

Acquisition Information

Collection donated by David Plowden, 1985.

Ownership and Custodial History

Donated by David Plowden to the Museum's Division of Mechanical and Civil Engineering (now Division of Work and Industry) in 1984.

Ownership and Custodial History

Transferred from the Division of Work and Industry to the Archives Center in 2007.

Related Materials

Materials in the Archives Center

David Plowden North American Bridge Photographs

Photographs Plowden took of bridges, aqueducts and viaducts all over the United States and a few in Canada. The photographs are of various types of bridges: truss, suspension, covered. Some photographs feature close-up details of architectural elements, such as arches, chains, towers and ornamentation.

Materials at Other Organizations

Chicago History Museum

David Plowden photograph collection

Includes photographs of steel mills and coke plants, automobile assembly factories, oil refineries, printing plants, food processing plants, and other industries in Chicago's Central Manufacturing District and other locations in the Chicago metropolitan area and northern Indiana. Includes transportation yards for

railroads and trucks, and some scenes of the Calumet River and the Indiana Harbor. Many buildings show the demise of industry in these locations.

Yale University, Beinecke Rare Book and Manuscript Library

David Plowden photographs and papers, 1948-2011

This collection consists of photographs and papers that document the work of David Plowden as a photographer and author, 1948-2011.

Buffalo History Museum

David Plowden photographic collection, 1968-1985

featuring Buffalo waterfront scenes, grain elevators, steel mills, and Great Lakes steamers. Also includes photographs of places other than Buffalo.

Library of Congress

Photographs of architecture, landscapes, and transportation in the United States and Canada

These large-format photographs show details of vernacular architecture buildings such as barns; rural, small town, industrial, and urban landscape scenes; and transportation (railroads, ferries, steamships, and roadways).

Processing Information

Collection processed by Alison Oswald, archivist, 2018.

Preferred Citation

David Plowden Steel Manufacturing Photographs, 1981, Archives Center, National Museum of American History.

Restrictions on Access

Collection is open for research but is stored off-site and special arrangements must be made to work with it. Contact the Archives Center for information at archivescenter@si.edu or 202-633-3270.

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Collection items available for reproduction, but the Archives Center makes no guarantees concerning copyright restrictions. Other intellectual property rights may apply. Archives Center cost-recovery and use fees may apply when requesting reproductions.

Biographical Note

David Plowden (1932-) is an American photographer of urban cities, steam trains, American farmlands, and small towns.

Scope and Contents

Photographs documenting the steel industry. Subjects include blast furnaces, steel mills, ore barges, and other related subjects.

Arrangement

Collection is arranged into one series.

Names and Subject Terms

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

Subjects:

- Blast furnaces
- Steel industry and trade

Types of Materials:

- Photographs -- 20th century

Names:

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

Container Listing

| | |
|-----------------|--|
| Box 1, Folder 1 | Burlington Northern Railroad, Alloeuz Ore Docks, Superior, Wisconsin, 1981 |
| Box 1, Folder 1 | Burlington Northern Railroad, Alloeuz Ore Docks, Superior, Wisconsin, 1981 |
| Box 1, Folder 1 | Steel Mills, stock yards and ore barges, 1981 |
| Box 1, Folder 1 | Steel Mills, stock yards and ore barges, 1981 |
| Box 1, Folder 1 | Conveyors at Taconite Plant, 1981 |
| Box 1, Folder 1 | Taconite Plant, Bolling, Michigan, 1981 |
| Box 1, Folder 1 | Taconite pellets, 1981 |
| Box 1, Folder 1 | Taconite pellet stockpile, 1981 |
| Box 1, Folder 1 | Blast furnace, 1981 |
| Box 1, Folder 1 | Blast furnaces, 1981 |
| Box 1, Folder 2 | Blast furnaces, 1981 |
| Box 1, Folder 2 | Blast furnace, 1981 |
| Box 1, Folder 2 | Coke oven quenching towers, 1981 |
| Box 1, Folder 2 | Blast furnace stoves, 1981 |
| Box 1, Folder 2 | Open hearth furnace, charging hot metal, 1981 |
| Box 1, Folder 2 | Puddler blast furnace, 1981 |
| Box 1, Folder 2 | Repairing refractory material with granite, 1981 |
| Box 1, Folder 2 | Ladle and slag thimble, 1981 |
| Box 1, Folder 2 | Making test B.O.F., 1981 |
| Box 1, Folder 2 | Ingot molds, 1981 |
| Box 1, Folder 2 | Slagging ingots, 1981 |
| Box 1, Folder 2 | Slagging ingots, 1981 |

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|-----------------|---|
| Box 1, Folder 3 | Teeming ignots, 1981 |
| Box 1, Folder 3 | Teeming ignots, 1981 |
| Box 1, Folder 3 | Cast house blast furnace, 1981 |
| Box 1, Folder 3 | Rolling stand 80" Hot Strip Mill, 1981 |
| Box 1, Folder 3 | Rolling Mills, Steel Mill, 1981 |
| Box 1, Folder 3 | 80" Hot Strip Mill, 1981 |
| Box 1, Folder 3 | 80" Hot Strip Mill conveyor table, 1981 |
| Box 1, Folder 3 | Finished coil of steel, 1981 |
| Box 1, Folder 3 | Finished coils of steel, 1981 |
| Box 1, Folder 4 | Richmond San Rafael Cantilever Bridge, undated |
| Box 1, Folder 4 | Poughkeepsie Bridge, undated |
| Box 1, Folder 4 | Fred G. Redmon Memorial Bridge, undated |
| Box 1, Folder 4 | Walnut Street Bridge East, Baltimore truss, over the Susquehanna River at Harrisburg, Pennsylvania, undated |
| Box 1, Folder 4 | Canton Viaduct over the Neponset River, Canton, Massachusetts, undated |
| Box 1, Folder 4 | Brooklyn Bridge, East River, New York City, undated |
| Box 1, Folder 4 | Brooklyn Bridge, East River, New York City, undated |
| Box 1, Folder 4 | Private bridge, bowstring truss, Normanskill Farm, Albany, New York, undated |
| Box 1, Folder 4 | Delaware River Memorial Bridge, Wilmington, Delaware, undated |
| Box 1, Folder 4 | Alea Bay Bridge, Walport, Oregon, undated |
| Box 1, Folder 5 | Delaware Aqueduct, Delaware River, undated |
| Box 1, Folder 5 | St. Johnsbury and Lamoille County Railroad Bridge, Wolcott, Vermont, undated |
| Box 1, Folder 5 | Bridge #1069, Bonner's Ferry, Idaho, undated |
| Box 1, Folder 5 | Bailey Island Bridge, undated |

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| Box 1, Folder 5 | Tyrone Bridge, Tyrone River, Tyrone, Kentucky, undated |
| Box 1, Folder 5 | Lethbridge Viaduct, Old Man River, Lethbridge, Alberta, undated |
| Box 1, Folder 5 | Wheeling and Belmont bridge, Ohio River, Wheeling, West Virginia, undated |
| Box 1, Folder 5 | Market Street Bridge, Susquehanna River, Harrisburg, Pennsylvania, undated |
| Box 1, Folder 5 | Seventh Street Bridge, Allegheny River, Pittsburgh, Pennsylvania, undated |
| Box 1, Folder 5 | Longview Bridge, Columbia River, Longview, Washington, undated |
| Box 1, Folder 5 | Lincoln Highway Bridge, Ohio River, East Liverpool, Ohio, undated |
| Box 1, Folder 6 | Burlington Northern Railway Bridge, continuous trestle, Hanover, Montana, undated |
| Box 1, Folder 6 | Burlington Northern Railway Bridge, framed trestle, Hanover, Montana, undated |
| Box 1, Folder 6 | Former Baltimore and Ohio Railroad Bridge, Bollman truss, Little Patuxent River, Savage, Maryland, undated |
| Box 1, Folder 6 | South Branch Bridge, Raritan River, Hamden, New Jersey, undated |
| Box 1, Folder 6 | Thomas Viaduct, Patapsco River, Relay, Maryland, undated |
| Box 1, Folder 6 | St. Louis Bay bridge, Duluth, Minnesota, undated |
| Box 1, Folder 6 | Merrimack River Highway Bridge, Lowell, Massachusetts, undated |
| Box 1, Folder 6 | Long Island Railroad Overpass, Locust Valley, New York, undated |
| Box 1, Folder 6 | Reading Company Bridge, Susquehanna River, Harrisburg, Pennsylvania, undated |
| Box 1, Folder 6 | Conde B. McCullough Memorial Bridge, Coos Bay, North Bend, Oregon, undated |
| Box 1, Folder 7 | Queensboro (Blackwell's island) Bridge, East River, New York, New York, undated |
| Box 1, Folder 7 | Boston and Maine Railroad Bridge, Connecticut River, Northhampton, Massachusetts, undated |
| Box 1, Folder 7 | Boston and Maine Railroad Bridge, Connecticut River, Northhampton, Massachusetts, undated |
| Box 1, Folder 7 | The Wire Bridge, Carabassett River, North New Portland, Maine, undated |
| Box 1, Folder 7 | The Wire Bridge, Carabassett River, North New Portland, Maine (duplicate), undated |

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| Box 1, Folder 7 | St. John's Bridge, Willamette River, Portland, Oregon, undated |
| Box 1, Folder 7 | Astoria Bridge, Columbia River, Astoria, Oregon-Point Ellice, Washington, undated |
| Box 1, Folder 7 | Yaquina Bay Bridge, Newport, Oregon, undated |
| Box 1, Folder 7 | Sciotoville Bridge, Ohio River, Sciotoville, Ohio, undated |
| Box 1, Folder 7 | Manhattan Bridge, East River, New York, New York, undated |
| Box 1, Folder 7 | Starrucca Viaduct, Lanesboro, Pennsylvania, undated |
| Box 1, Folder 8 | Starrucca Viaduct, Lanesboro, Pennsylvania, undated |
| Box 1, Folder 8 | Eugene A. Doran Memorial Bridge, San Mateo Creek, San Mateo, California, undated |
| Box 1, Folder 8 | ten-Mile Creek bridge, Lane County, Oregon, undated |
| Box 1, Folder 8 | George Westinghouse Memorial Bridge, Turtle Creek, Braddock, Pennsylvania, undated |
| Box 1, Folder 8 | Detail of Howe pony truss, Richibucto River near Bass River, New Brunswick, undated |
| Box 1, Folder 8 | Mid-Hudson Bride, Poughkeepsie, New York, undated |
| Box 1, Folder 8 | St. Johnsbury and Lamoille County Railroad Bridge, Missiquoi River, Swanton, Vermont, undated |
| Box 1, Folder 8 | Ganargua Creek Aqueduct, Lyons, New York, undated |
| Box 1, Folder 8 | Washington Bridge, Harlem River, New York, New York, undated |
| Box 1, Folder 8 | Washington Bridge, Harlem River, New York, New York, undated |
| Box 1, Folder 8 | Cherry Valley Creek Bridge, Middlefield, New York, undated |
| Box 1, Folder 8 | Baltiore and ohio Railroad Bridge, Pratt truss, Susquehanna River, Havre de Grace, Maryland, undated |
| Box 1, Folder 8 | Golden Gate Bridge, San Francisco Bay, San Francisco, California, undated |
| Box 1, Folder 8 | Bridge #208, Burr truss, Cocagne River, Cocagne, New Brunswick, undated |
| Box 1, Folder 8 | Aqueduct Bridge (High Bridge), Harlem River, New York, New York, undated |

Box 1, Folder 8

Windsor Bridge, Connecticut River, Cornish, New Hampshire-Windsor, Vermont,
undated