

## ***CONTENTS***

Preface .....	<i>iii</i>
Copyright and Privacy Restrictions.....	<i>v</i>
Introduction.....	1
Part 1: Collection Description.....	5
Scope and Content.....	7
Series Description .....	9
Part 2: Historical Note .....	11
Part 3: Collection Listing.....	15
Bibliography .....	39



## ***PREFACE***

This document, *Preliminary Finding Aid for Hopewell Furnace National Historic Site Resource Management Records*, contains maps, plans and drawings and photographic prints and negatives created during the management of the park and its resources between the years 1938-1987. This finding aid was issued in April 2005 and is the result of a Backlog Cataloging project carried out by the Northeast Museum Services Center during the winter of 2005.

The catalogers would like to express their gratitude to the staff at Hopewell Furnace National Historic Site for their assistance in carrying out this work. In particular, thanks must go to Cultural Resource Manager, Becky Ross.

This document represents a portion of the material relating to the Resource Management Records at Hopewell Furnace National Historic Site.



## ***COPYRIGHT AND PRIVACY RESTRICTIONS***

The copyright law of the United States (Title 17, *United States Code*) governs the making of photocopies or other reproductions of copyrighted materials. The Privacy Act of 1974 (5 *United States Code* 552a) governs the use of materials that document private individuals, groups and corporations.

Under certain conditions specified in the law, libraries and archives are authorized to furnish a reproduction if the document does not infringe the privacy rights of an individual, group or corporation. These specified conditions of authorized use include:

- non-commercial and non-profit study, scholarship, research or teaching
- criticism or commentary
- as a NPS preservation or security copy for research use
- as a research copy for deposit in another institution

If the researcher later uses a copy or reproduction for purposes in excess of "fair use," the researcher is personally liable for copyright, privacy, or publicity infringement and agrees to indemnify the NPS from any legal action as a result of the error. Permission to obtain a photographic, xerographic, digital or other copy of a document **does not** indicate permission to publish, exhibit, perform, reproduce, sell, distribute or prepare derivative works from the document without permission from the copyright holder and from any private individual, group or corporation shown or otherwise recorded.

Permission to publish, exhibit, perform, reproduce, prepare derivative works from, sell or otherwise distribute the item must be obtained separately in writing from the holder of the original copyright (or if the creator is dead from his/her heirs) as well as from any individual(s), groups or corporations whose name, image, recorded words or private information (e.g. employment information) may be reproduced in the source material. The holder of the original copyright **is not** necessarily the National Park Service. The National Park Service is not legally liable for copyright, privacy or publicity infringement when materials are wrongfully used after being provided to researchers for "fair use."

This institution reserves the right to refuse to accept a copying order if fulfillment of the order is judged in violation of copyright or federal or state privacy or publicity law. This institution also places restrictions on the use of cameras, photocopiers and scanners in the research room.



## ***INTRODUCTION***

This document, the *Preliminary Finding Aid for Hopewell Furnace National Historic Site Resource Management Records, 1938-1987 (bulk dates 1940-1959)* is the result of work conducted by the Northeast Museum Services Center (NMSC) in fiscal year 2003, 2004 and 2005. These records (HOFU 35420) were produced by the National Park Service in the course of administering the park and its cultural and natural resources. They consist of maps, plans and drawings and photographic prints and negatives created as a result of various natural and cultural resource projects, maintenance projects and historic and scientific research.

The records had most recently been stored in the bally building at Hopewell Furnace National Historic Site. Prior to that, they had been stored in the historian's office at the park. The records were found arranged by subject or location and therein numerically by drawing number. Over the past several years, HOFU Cultural Resource Manager, Becky Ross, separated and cataloged the archeological records and exhibit material. The records described here are a portion of a larger group of records created during the administration and operation of the park. It is expected that other records from this collection will be identified, assembled and cataloged as part of a future cataloging project.

### *Fiscal Year 2003*

In April 2003 the records were transferred to the Northeast Museum Services Center, Charlestown, Massachusetts by NMSC staff. During May through September 2003, Museum Specialist, Teri DeYoung and Museum Technician, Tricia Miller surveyed, processed and cataloged these records under the guidance of Liz Banks, NMSC Archivist. After the collection was moved to NMSC offices, a survey was conducted and a processing plan was drawn up. During the survey, the catalogers found documents for two record groups: the *French Creek Recreational Demonstration Project Records, 1935-1938* (HOFU 35419) and *Resource Management Record, 1938-1987* (HOFU 35420). These two record groups were separated during processing. This finding aid documents a small portion of the Resource Management Records.

### *Fiscal Year 2004*

In October 2004, Museum Specialist Teri DeYoung and Museum Technician Tricia Miller traveled to Hopewell Furnace to assess and transfer approximately 5,200 photographic prints and negatives to the Northeast Museum Services Center to be processed and cataloged by provenance. This portion of the project represents the first phase of a three-phase project to catalog park photographs. After the records were moved to the NMSC office in Charlestown a survey was conducted and a processing plan was drawn up. Photographic prints and negatives from three records groups were found: *French Creek Recreational Demonstration Project Records* (HOFU 35419), *HOFU Resource Management Records* (HOFU 35420) and *Civilian Conservation Corps*

*Records* (uncataloged). Following the procedures established in fiscal year 2003 for the plans and drawings, the photographs were separated by record group during processing.

#### *Fiscal Year 2005*

In February 2005, Museum Specialist Teri DeYoung and Archivist Margaret Welch traveled to Hopewell Furnace to pick up an additional 5,200 photographic prints and negatives to process for phase 2 of the three-phase project. Following procedures established during fiscal year 2003, records were separated by provenance, rehoused and cataloged.

The materials were processed according to NPS, NMSC and park standards. Collection processing included removing staples and fasteners and rehousing the records in acid-free buffered enclosures and re-housing photographs in pH neutral, unbuffered envelopes. Photosensitive materials, such as blueprints, were interleaved with pH neutral, archival quality material. Oversize items were removed from their original folder and cross-referenced to their original location with separation sheets. The collection was accounted for in the Collections Management Module of the Automated National Catalog System Plus (ANCS+) and a completion report “*Completion Report: Backlog Cataloging for Hopewell Furnace National Historic Site, FY03 and FY04, Resource Management Records, 1938-1987 and French Creek Recreational Demonstration Project Records, 1935-1942*” describes the project methodology and outlines curatorial recommendations (including conservation concerns). This finding aid was written and includes an outline of the records, series organization, series descriptions, a scope and content note, a brief historical note as it applies to these records, a folder listing, and a short bibliography. In April 2005 a draft finding aid was submitted to the park.

### **Organization of the Collection**

#### *Fiscal Year 2003*

The records transferred to NMSC were found to be housed in map folders and acidic enclosures. The entire collection of documents, approximately 3600 maps, plans and drawings were found organized by subject or more specifically by building within Hopewell Village. During processing, the catalogers re-organized the collection by project and therein by drawing number. The records were then arranged by building following the format of the Historic Structures Report file.

#### *Fiscal Year 2004 and 2005*

The photographic prints and negatives transferred to NMSC were found to be housed in archival or acidic folders. The photographs were found arranged by subject. The photographs from the French Creek records had been conflated with the HOFU Resource Management Records and unprocessed Civilian



Conservation Corps Records. During processing the catalogers separated the photographs by provenance and arranged the project-related prints and negatives from the HOFU Resource Management Records (HOFU 35420) under Series IX. Research Project and sub-sub-Series B., Photographs. The records were arranged chronologically and therein alphabetically by project, with the exception that the file units "Village Views" and "Building Files" appear first within each chronological period. Within each project the photographic prints and negatives are arranged by photo number which had been previously assigned by the park.

*Fiscal Year 2006*

During this final phase, the remaining photographic prints and negatives were processed following the same methodology as the previous years.

The finding aid is divided into four sections:

- Part 1: Collection Description:
  - a scope and content note (or brief synopsis of the collection)
  - an outline showing the organization of the collection
  - description of the subjects into which the collection is organized
- Part 2: Historical Note: history of Hopewell Furnace National Historic Site
- Part 3: Collection Listing: a drawer and folder list
- Bibliography



***PART 1:***

***COLLECTION DESCRIPTION***



## ***SCOPE AND CONTENT NOTE***

*Hopewell Furnace National Historic Site Resource Management Records, 1938-1987*  
(bulk dates 1940-1959)

*Accession number:* HOFU-977

*Catalog number:* HOFU 35420

*Quantity:* Approximately 16,000 items or 10 linear feet

*Storage:* 198 36" X 48" map folders, 1 flat box, 2 rolled storage and 8,200 photographic prints and negatives in 16 8" X 12" boxes

*Location:* Hopewell Furnace National Historic Site, 2 Mark Bird Lane, Elverson, PA 19520, 610-582-8773

*Description:* The *Hopewell Furnace National Historic Site Resource Management Records, 1938-1987 (bulk dates 1940-1959)* were created by park staff between 1938 and 1987 during the development and administration of the park and its cultural and natural resources. The records, which include maps, plans, drawings and photographic prints and negatives, document various natural and cultural resource projects, landscape and historic structure surveys and maintenance projects.

The Resource Management Records processed as part of backlog cataloging projects during fiscal year 2003, 2004 and 2005 represent a small portion of the records at the park. The remainder of the collection will be processed in subsequent phases.

*Organization:* *Hopewell Furnace National Historic Site Resource Management Records, 1938-1987 (bulk dates 1940-1959).*

- I. Park Central Files.
- II. Historian Files
  - A. Historians Research Note Cards
  - B. Oral Histories
  - C. Maps
    1. Early Tracts, Deeds, etc.
      - a.) Map Track Hopewell Area (mTH)
      - b.) Map Track Hopewell Birdsboro Area (mTHB)
      - c.) Map Track Birdsboro Area (mTB)
      - d.) Map Track Other Areas (mTOA)
      - e.) Map Political Pennsylvania (mPP)

- f.) Map Political Berks County (mPBCO)
- g.) Map Hopewell Housing [?] (mHH)
- h.) Unassociated Maps
- III. Interpretive Files
- IV. Maintenance File
  - A. Drawings and Plans
- V. Curatorial
- VI. Archeological Records
- VII. Land Files
- VIII. Natural Resource Management Files
- IX. Research Projects
  - A. Maps (arranged by project)
  - B. Photographs (arranged chronologically by project)
- X. Maps, Plans and Drawings
- XI. Photographs
- XII. Oversize Photographs

## ***SERIES DESCRIPTION***

### *Series I. Park Central Files (unprocessed)*

### *Series II. Historian's Files*

- A. Historian's Research Note cards (unprocessed)*
- B. Oral Histories (unprocessed)*
- C. Maps*

Sub-series C., Maps, are a small collection of photocopied maps that define land tracts and deeds in the Hopewell and Birdsboro area between the eighteenth and nineteenth century. The collection also includes a map outlining the location of structures around the French Creek basin and a map of nineteenth century political boundaries. The park had organized the records geographically. During processing, the collection was returned to the original subject order outlined in a hierarchy developed by the park historian during the 1960s.

### *Series III. Interpretive Files (unprocessed)*

### *Series IV. Maintenance Files*

- A. Drawings and Plans*

Sub-series A consists of drawings and plans that detail maintenance projects conducted around the park between 1938 and 1987. The park organized the collection by building. During processing, NMSC catalogers arranged the collection by provenance and therein by drawing number.

### *Series V. Curatorial (unprocessed)*

### *Series VI. Archeological Records (unprocessed)*

### *Series VII. Land Files (unprocessed)*

### *Series VIII. Natural Resource Management Files (unprocessed)*

### *Series IX. Research Projects*

This series consists of research-related documentation as a result of administrative and preservation projects at the park. The series includes Master Plan documentation, proposed restoration and rehabilitation projects, Mission-66 rehabilitation and Historic American Buildings Survey (HABS) drawings. The records from this series were dispersed by subject throughout the park's "Map" collection. During processing these records were organized alphabetically by building following as near as possible the park's organization of the Historic Structures File. The series begins with Master Plans, followed by park buildings, organized alphabetically and concludes with HABS

drawings. This series also includes the photographic prints and negatives that relate to park projects. The records were organized chronologically and therein by project.

*Series X. Maps, Plans and Drawings*

This series is made up of general maps, plans and drawings that could not be associated with a particular park creator. These records encompass a variety of conjectural drawings, existing building conditions, layout plans, proposed projects and vicinity and topographical maps. The catalogers organized the records by drawing number. Those without numbers are arranged in general subject categories to specific park buildings. The records in this series will likely move to other series as more information is revealed during processing of subsequent phases.



***PART 2:***

***HISTORICAL NOTE***



In 1770, Mark Bird, a young entrepreneur, purchased approximately 5,000 acres of land in the French Creek Valley of Berks and Chester County Pennsylvania on which he developed Hopewell Furnace. Abundant natural resources along the drainage basins of the Susquehanna and Schuylkill Rivers in Eastern Pennsylvania provided the primary resources needed to fuel a furnace –shallow ore deposits, dependable water supply, hardwood forests for charcoal and limestone for flux.<sup>1</sup> By 1776, Pennsylvania Colony supported 21 blast furnaces and 45 forges.<sup>2</sup> The corner stone for Hopewell furnace was laid in 1771 and an iron-making community was born.

The history of the furnace, 1770-1883, is fraught with financial boon and crisis, natural disaster and land title disputes. Upon his father's death, Mark Bird inherited the family iron-making business. He was left three furnaces in the Birdsboro area. With the addition of property in the French Creek Valley, Bird became the largest landholder in Berks County with more than 8,000 acres. As early as 1772, Hopewell furnace was producing stove plates, pots, sash weights and pig iron. However, the British Iron Act of 1750 limited American iron production to pig and bar iron only. In defiance of the law many Ironmasters, including Bird, continued to, and increased the manufacture of finished iron products. By 1775 Bird was an active member in several Pennsylvania groups that supported a war for independence. During the Revolution, Bird became a militia colonel and later a deputy quartermaster general. As quartermaster he provided crucial supplies to George Washington at Valley Forge during the winter of 1778. And, from his furnaces, including Hopewell, he provided cannon and munitions to the Continental Army throughout the duration of the war. Unfortunately, like many other creditors of the newly formed United States, Bird never recouped his losses and ultimately languished in poverty. The furnace exchanged hands numerous times in the last decade of the eighteenth- century. Finally, in 1800, Daniel Buckley, Thomas Brooke and Mathew Brooke, Junior purchased the furnace. This trio and their families would run the furnace for the next 83 years.

Records indicate that the furnace underwent numerous upgrades and a major renovation between 1800 and 1805. A water rights dispute caused the new owners to abandon the west head race, dam French Creek and re-orient the water wheel to an east-west configuration.<sup>3</sup> In 1807 the dam on French Creek was breeched three times and in 1808 economic depression and land title disputes stemming back to when Mark Bird first purchased the property caused the partners to shut the furnace down.<sup>4</sup> By 1816 the furnace was back in blast. Land title disputes had been resolved and the country was experiencing economic expansion as a result of a unified effort by the federal government to create a “national market” through the construction of turnpikes and canals<sup>5</sup>. As the United States entered the industrial revolution, the partners of Hopewell Furnace renewed

---

<sup>1</sup> Joseph E. Walker. *Hopewell Village: The Dynamics of a Nineteenth-Century Iron-Making Community*. 1966.

<sup>2</sup> Ibid.

<sup>3</sup> National Park Service. *A Guide to Hopewell Furnace National Historic Site, Pennsylvania*, U.S. Department of the Interior, Washington, D. C., 1983.

<sup>4</sup> Ibid.

<sup>5</sup> Ibid.

efforts to increase profitability by retrofitting the furnace with new more efficient blow tubs. At the same time, the decision was made to focus on industrial castings, specifically stove plates. Although the furnace would face financial slow-downs during the 1819 depression it would emerge under the leadership of Clement Brooke as a viable organization. The years 1830 through 1838 proved to be the most profitable of the company's history. In 1832, records indicate that the company produced 700 tons of casting and 1000 tons of pig metal.<sup>6</sup> However, economic depression and the development of coke and anthracite coal furnaces for iron production during the mid-1830s foresaw the eventual demise of the charcoal furnace. By 1844 Hopewell had cast its final stove plate but continued to make pig iron until 1883 when the furnace closed for good.

After the furnace closed down, the woodlots were cut and sold for fence posts and rails and quarry rights were sold to the Schulykill Stone Company. Finally in 1935, A. Louise C. Brooke, granddaughter of Clement Brooke, sold 6,000 acres to the federal government to be used as a recreational demonstration project. In that same year, two Civilian Conservation Corp (CCC) camps were built and restoration began on the furnace. In 1938, the furnace and 213 acres were set aside as Hopewell Village National Historic Site. During World War II the recreation demonstration property was transferred to Hopewell Village NHS. Then in 1947 Hopewell Village NHS reached its present configuration of 848 acres when the federal government deeded the Commonwealth of Pennsylvania approximately 5,000 acres. Hopewell Village NHS was renamed Hopewell Furnace NHS in 1985.

Today, Hopewell Furnace National Historic Site lies in the quiet French Creek Valley. On either side it is flanked by the rolling tree-covered slopes of Mount Pleasure and Brushy Hill. The small village now serves as a reminder of the important role furnaces, like Hopewell, had in the industrial and economic development of a young nation.

---

<sup>6</sup> National Park Service. *A Guide to Hopewell Furnace National Historic Site*. U.S. Department of the Interior, Washington D.C., 1983.

***PART 3:***

***COLLECTION LISTING***



**Series II. Historian Files****A. Historians Research Note cards (unprocessed)****B. Oral Histories (unprocessed)****C. Maps****1. Early Tracts, Deeds****a.) Map Track [sic] Hopewell Area (mTH)**

MS/FR/MC/D12

Folder:

1. mTH#2 Deed Lines of 1762 (copy 1963); mTH#4 Tracts West of Furnace and North Branch of French Creek – May 1770 (photostat); mTH#5? West of the Furnace and Detraction 1773? (photostat); mTH#6 General Map of Warwick Company Lands – 1787 (copy 1880); mTH#7 Sam'l Flower Tract – West Nantmel, 1773 (photostat), (mTH#1, 3, 8 missing)

**b.) Map Track [sic] Hopewell Birdsboro Area (mTHB)**

MS/FR/MC/D12

Folder:

2. mTHB#1 Hopewell-Birdsboro 1788 North Hampton Company Survey (photostat); mTHB#2 1794 Plot and Deed, Olds and Wilson (photostat); mTHB#2A 1794 Plot and Deed, Olds and Wilson with Restored Metes and Bounds – 1963, NHS-HV 3041; mTHB#3 Berks Atlas 1876; mTHB#4 1860s Beers (photostat); mTHB#5 Lightfoot Papers – Berks Heidelberg \*Tracts of Wm Bird copied by Heydinger 4/11/62

**c.) Map Track [sic] Birdsboro Area (mTB)**

MS/FR/MC/D12

Folder:

3. mTB#1 Birdsboro with Tract Numbered to Eight (last survey listed 1749 – photostat); mTB#2 See Rebecca Ross; mTB#3 Birdsboro with Forge Tract and to Southwest (unknown date, photostat); mTB#4 Area Southwest of Birdsboro (date possibly pre-forge tract, photostat); mTB#5 Missing

**d.) Map Track [sic] Other Areas (mTOA)**

MS/FR/MC/D12

Folder:

4. mTOA#1 Durham Tract, 24 Dec. 1773 (copy); mTOA#2 M. Hurst – Lebanon Township – Lancaster Co., 8 March 1762; mTOA#3 Draught for Delaware Mills 1751 (copy 7/11/1962)

**e.) Map Political Pennsylvania (mPP)**

MS/FR/MC/D12

Folder:

4. mPPa#1 Eastern Penna. April 4, 1770 (photostat); mPPa#2 Pennsylvania from County Surveys – J. Melish, Corrected to 1832, later to 1843

**f.) Map Political Berks County (mPBCO)**

MS/FR/MC/D12

Folder:

4. mPBCO.#1 Berks County with Public Records

**g.) Map Hopewell Housing [?]**

MS/FR/MC/D12

Folder:

4. mHH Hopewell Area Noting Buildings

**h.) Unassociated Maps**

MS/FR/MC/D12

Folder:

5. Unidentified map of Eastern Pennsylvania, eighteenth-century (3 photostats); Nineteenth-century map of Birdsboro and vicinity “MG 110 SN Maps 1851-64 , #16 [No Furnace], To Mr. D. Miller From HDGER”

**Series IV. Maintenance Files****A. Drawings and Plans**

MS/FR/MC/D12

Folder:

6. Service Group, Building, Arrangement, Equipment Storage and Fire Equipment, NHS-HV 2006A (5/21/41), 2006B (5/5/41), 2007 (5/21/41), 2008 (4/21/41), 2009 (4/22/41), 2010 (No Date); Entrance Sign, Entrance Roads, NHS-HV 2011, 1/22/43<sup>†</sup>
7. Restoration of West Head Race, Flume and Intake, NHS-HV 2013, September 1950, NHS-HV 2014, 2014A, May 1951, NHS-HV 2015, September 1950
8. Preservation and Stabilization of Historic Structures, Furnace Group, NHS-HV 2015, June 1952, NHS-HV 2016, 2016A, July 1952
9. Park Signs: Various Documents with Sign Type and Location, NHS-HV 2017, 2059, Untitled Sheets
10. Grading Entrance Road and Parking Area, NHS-HV 2022, 2023, March 1954
11. Temporary Comfort Station, The Barn, NHS-HV 2024, 3/6/56; Temporary

---

<sup>†</sup> See *also* oversize storage.



- Orientation Center, Parking Area, NHS-HV 2025; Sign and Wayside Exhibit Plan, Location and Index Sheets, NHS-HV 2031, Aug. 1961; Heating Installation, Nathan Care House, NHS-HV 2033, 4/19/62
12. Addition to Spring House, NHS-HV 2060, 3/20/41

## MS/FR/MC/D13

## Folder:

1. Bridge House Restoration, NHS-HV 2064, 4/11/42
2. Construction-Obliteration-Grading Plan and Drainage Plans, Cinder Road, Village Area, NHS-HV 3000 (7/29/52), 3000A (June, 1956)
3. Reservoir Site, Modification to Water Supply, NHS-HV 3019, 3019A, March 1957
4. Structural Floor Slab, Bridge House, NHS-HV 3020, May 1957
5. Visitor Center, Sewage Disposal System, NHS-HV 3024A, July 1957
6. Sewer and Water System, Residence and Maintenance Area, NHS-HV 3029A, Dec. 1957
7. Planting and Miscellaneous Construction, NHS-HV 3033A, 12/17/58, Folder 1 of 3
8. Planting and Miscellaneous Construction, NHS-HV 3033A, 12/17/58, Folder 2 of 3
9. Planting and Miscellaneous Construction, NHS-HV 3033A (12/17/58), 3033B (10/28/59), Folder 3 of 3
10. Additional Road Construction, Headquarters Area Project, NHS-HV 3034, 3034A, 3/3/58

## MS/FR/MC/D14

## Folder:

1. Heating System, Ironmaster's House, NHS-HV 3035, May 7, 1958
2. Garden Path and Steps Mansion Garden, Village Area, NHS-HV 3037A, 9/21/60
3. Reconstruction of Cast House and Molding Sheds, NHS-HV 3040, 3/17/64
4. Plan and Elevations Charcoal House Restorations, NHS-HV 3044, 2/19/65
5. Conversion to Employee Quarters, Tenant House #3, NHS-HV 3058A, 5/14/58  
Folder 1 of 2
6. Conversion to Employee Quarters, Tenant House #3, NHS-HV 3058A, 5/14/58,  
Folder 2 of 2
7. Correction of Deflecting Beam, Ironmaster's House, NHS-HV 3063B, 9 May 1958
8. Village Barn Restoration, NHS-HV 3065, 5/20/59, Folder 1 of 2
9. Village Barn Restoration, NHS-HV 3065, 3066, 5/20/59, Folder 2 of 2
10. Rear Porch and Kitchen Details, Repairs to Lloyd House, NHS-HV 3066

## MS/FR/MC/D15

## Folder:

1. Basement and Attic Plans, Duct Layout, Heating Lloyd House, NHS-HV 3068, 4/20/60
2. Protective Barrier, Office-Store, NHS-HV 3070 A, 11/10/66

3. Repairs to Roof, Charcoal House, NHS-HV 5300, Dec. 30, 1946
4. Temporary Walkway Approach to Old Iron Furnace, NHS-HV 5301, March 14, 1947
5. Garage, No. 2 Qtrs. "(Now #71)" NHS-HV 5302, June 9, 1947; Loading Platform Warehouse, Utility Area, NHS-HV 5303, 6/25/47; Sewage Disposal System, Qtrs. 71, 1947
6. Water Supply System, Hopewell village, NHS-HV 5353, 5353-A, Revised 4/26/40
7. Sewer System, "Q-27" Church House, NHS-HV 5355
8. Restoration of Historic Structures, Furnace, NHS-HV 5359
9. Water Supply System, Service Group, NHS-HV 3363, 1942
10. Pipe, Tile Line and Conduit, East Head Race, NHS-HV 8001, 8001-A

## MS/FR/MC/D16

## Folder:

1. Restoration Plan for Bake Ovens, NHS-HV 8001-A
2. Water System Expansion, 376/80,000-D, Folder 1 of 2
3. Water System Expansion, 376/80,000-D, Folder 2 of 2
4. Walk Repair, Visitor Center, 376/80,004A, 8/19/76
5. Reconstruction Retaining Wall, 376/80013, 1983
6. French Creek Restoration of Historic Structures, East Head Race, 1938 (7/15/38, 8/16/38, 11/1/38), Folder 1 of 2
7. French Creek Restoration of Historic Structures, East Head Race, 1938, Folder 2 of 2
8. French Creek Area Drainage, Parking Area, Baptism Creek, 1940
9. Visitor Center Construction, 1958
10. Structural Steele Erection Plan, 5/58

## MS/FR/MC/D17

## Folder:

1. Hopewell Village Maintenance Building [Doors], 6/4/58
2. Bathroom Partitions, Maintenance, June 9, 1958
3. Disinfection of Water System, 10/9/58
4. Installation of Kitchen Cabinets in Tenant House, 11/9/59
5. Installation of Room Barriers, Tenant House No. 1, 9/21/66
6. French Creek State Park Spray Irrigation Area and Park Improvements and Plan Sanitary and Water Piping 6/72
7. Measured Restoration, East and North Elevations, Charcoal Furnace, 7/1/87
8. 1804 Road Survey Maintenance, No Date
9. Foundation Improvements on Two Frame Buildings, No Date
10. Location of Original Water Supply to Line to Mansion, Old Pipe Removal Maintenance, No Date
11. Millwork Details for Residence ~~No. 4~~ Church House, No Date

## MS/FR/MC/D18

Folder:

1. Details, Sections – Windows S.E. , Blacksmith Shop 12/8/74; Proposed W.I. Railing, Blacksmith Shop 4/27/67

## **IX. Research Projects**

### **A. Maps**

MS/FR/MC/D18

Folder:

2. French Creek General Development Plan, Revised 1941, FREN 9261-A-1-1, Between NPS and the State of Pennsylvania
3. Base Map, 1937, incomplete set, NHS HOP 2005
4. Master Plan, No Date, incomplete set
5. Master Plan, 1940, NHS-HV 8050-1-1, 1-22-F & G
6. Master Plan, NHS-HV 8050-1-1, 8050-1-1-1, 8052, 8053
7. Master Plan, 1940, NHS-HV 8050-1-1, 8051, 8052, 8053, 8054
8. Master Plan 1940-1941, NHS-HV 8050-1-1, 8054
9. Master Plan, 1942, complete set

MS/FR/MC/D19

Folder:

1. Master Plan, 1951, NHS-HV 2012B, 3004, 3007
2. Master Plan, 1953, NHS-HV 2018B, 2018D, not a complete set
3. Master Plan, 1953, not a complete set, duplicates
4. Master Plan, 1956, NHS-HV 3000A, 3005, 3005A, associated with HOVI documentation for historical base maps, 1830-1840 by Russel Apple, not a complete set
5. Master Plan, 1956, NHS-HV 3008, 3008A, 3011, 3011A, 3011B, 3012, associated with HOVI documentation for historical base maps, 1830-1840 by Russel Apple, not a complete set
6. Master Plan, 1961, NHS-HV 3016A, associated with report “Master Plan for the Preservation and Use of HOVI NHS, Mission 66 Edition”
7. Master Plan, 1961 and 1962, possibly associated with report “Master Plan for the Preservation and Use of Hopewell Village NHS, 1963
8. Measured Drawings of Bake Ovens, NHS-HV 8001, complete set, associated with “Report on Hopewell Village Bake Ovens” by J.C.F. Motz, 1941
9. Proposed Restoration of Bake Ovens, NHS-HV ~~40,000~~ 8001, sheet 1 of 1
10. Village Barn, NHS-HV 3053, Folder 1 of 2, associated with Architectural Survey Report Village Barn by N.M. Souder
11. Village Barn, NHS\_HV 3053, Folder 2 of 2

MS/FR/MC/D20

Folder:

1. Preliminary Sketches Showing the Evolution of the Ironmasters House [Big House, Mansion], NHS-HV 3064, 3064A, N.M. Souder

2. Proposed Restoration Blacksmith Shop-Phase I, 376/25,000, Blacksmith Shop, NHS-HV 1047, "HSR, The Blacksmith Shop, Wheelwright, Carpenter Shop and Charcoal House", J. Albright and N.M. Souder
3. Plan, Conjectural Restoration of Early Blast Machinery, NHS-HV 3060, Russel Apple, 1956
4. Boarding House (Bldg. 24), NHS-HV 3057, "HSR, Part I, Administrative, Architectural and Historical Data Section, Boarding House, Bldg. #24"
5. Superstructure of Bridge and Wheel House and Portico, NHS-HV 3021, Folder 1 of 3 "HBSR Architectural Survey for the Bridge House (Bldg 10) and Wheel House (Bldg 8), Hopewell Village NHS"
6. Superstructure of Bridge and Wheel House and Portico, NHS-HV 3021, Folder 2 of 3
7. Superstructure of Bridge and Wheel House and Portico, NHS-HV 3021, Folder 3 of 3
8. Nathan Care House, "HSR, Part I, Architectural and Historical Data Section, Nathan Care House – Bldg. #25"
9. Proposed Conjectural Restoration of Cast House and Molding Sheds, N.M. Souder, March 20, 1959
10. Charcoal House (Bldg. 9) Existing Conditions, NHS-HV 3054 "HSR Part II, Architectural Data Section on the Charcoal House"

#### MS/FR/MC/D21

##### Folder:

1. Plan and Elevations Proposed Reconstruction of Charcoal Shed, NHS-HV 3006, 3025, "HSR, Part III, Charcoal Shed, Architectural Data Section"
2. Collier's Hut, NHS-HV 3071, N.M. Souder, 6/30/60
3. Details of Proposed Restoration of Fireplaces, NHS-HV 3069, HABS Mounce Jones (copy), Untitled line drawing on tissue, "HSR, Part II, Architectural Data Section Preliminary to the Restoration of the Office and Store Building"
4. Details, Office-Store Restoration, NHS-HV 3070, "HSR, Part III, Architectural Data Section, Restoration of the Office-Store Building" by N.M. Souder
5. Plans and Elevations, Spring and Wash House, NHS-HV 3042, "HSR, Part II, Architectural Data Section on Spring and Wash House"
6. Restoration of Tenant House No. 1, NHS-HV 3043, "HSR, Part I, Architectural Data Section on Restoration of Tenant House No. 1"
7. Tenant House No. 1, NHS-HV 3059, Tenant House No. 2, NHS-HV 3050, Stable (Building 28) NHS-HV 3051, "Survey Report (Architectural) Tenant House No. 1, Tenant House No. 2, Stable (Building 28)"
8. Tenant House No. 3 (Bldg. 21), NHS-HV 3058 and copy of HABS Tenant House No. 3, "HSBR Architectural, Historical and Administrative Date Tenant House No. 3"
9. Visitor Center, NHS-HV 3017, 3017A, "Prospectus for the Hopewell Village NHS Visitor Center", Robert Ronsheim, 1957
10. Map of Hopewell Village, December 31, 1935; Restoration Map Hopewell Village, 1785-1800; Old Stone Barn At Hopewell 1785; Old Iron Furnace and

Related Buildings at Hopewell; "Proposed Restoration Plan for Old Iron Making Village, French Creek Project, Hopewell, Pennsylvania" Roy Appleman, 1936; untitled sketch of Charcoal House, Bridge House and Cast House (Souder?), on tissue

MS/FR/MC/D22

Folder:

1. Hopewell Village National Historic Site – Mission 66 Tentative Prospectus, July 19, 1955
2. Maps and Deeds, "Hopewell Village Lands Traced Back to the Penns", Charlotte Fairbairn, 1963
3. Untitled Drawing, "Completion Report, Waste Water System Expansion", Wallace B. Elms, 4/73
4. HABS, Ironmasters House
5. HABS, Plan of Ovens
6. HABS, Tenant House No. 1
7. HABS, Tenant House No. 3

## **B. Photographs**

Box 1

Project:

Village Views, 1938 (many photos documenting structures for NPS take over?)

Reconstructed Charcoal Hut, 1938

Temporary Housing of Wheel Pit Mechanism Owned by Franklin Institute, 1938

Wheel Pit Stabilization, 1938

Furnace Restoration, 1938-1939

Reference Photographs from other sites, 1938-1939 (cat #s 23 of them i.e. 06564)

Wall Reconstruction and Stabilization, 1938-1939

Village Views, 1939

Bypass Road, 1939

East Headrace Restoration, 1939

Springhouse Fireplace, 1939

Village Views, 1940

Bake Ovens, Reference Photographs, 1940

Bake Oven Tests, 1940

Baptism Creek Picnic Area, 1940

Charcoal Making, 1940 (any photos used in the booklet "American Charcoal-making in the Era of the Cold Blast Furnace" by Kemper? or The Making of Charcoal as Followed by the Colliers of the Schuylkill Valley" by Kemper and Arthur Sylvester)

Hopewell Reception, 1940

Docks, Organized Camp, Hopewell Lake, 1940

Fire School, French Creek, 1940

Box 2

Project:

John Church House Reconstruction, 1940

Orchard Clean-up, 1940

Walkway to Furnace and Blast Machinery, 1940(s)? change to 1947 and move

Reference Photographs Other Sites, 1940-1941

Village Views, 1941

Buried Canon Radio scope, 1941

Furnace Restoration, C.C.C. 1941

Off Site Bake Ovens, 1941

Research File for Water Wheel and Blast Machinery, 1941

The Dating of Wood (Wood Dating), 1941

Village Views, 1942

Hopewell Village Model, 1942

British Sailors, 1944

Village Views, 1945

Baptism Creek Deterioration, 1945

Village Views, 1947

Ironmaster's House Repairs, 1947

Re-shingling Charcoal House, 1947

Springhouse Entrance, 1947

Documenting Park Signs, 1947-1949

Village Views, 1948

Bridge House Wall Showing Needed Repairs, 1948

John Whitaker of Hopewell Furnace, 1948

Hopewell Village Model, 1948-1949

Village Views, 1949

Blacksmith Shop Reconstruction, 1949-1950

Box 3

Project:

Blacksmith Shop Reconstruction, 1949-1950

Village Views, 1950

Furnace Boiler before Dismantling, 1950

Hopewell Dam, 1950

Reference Photographs from Other Sites, 1950

Spring House, Hole in Wall, 1950

Water Wheel Construction, 1950-1951

Village Views, 1951 (documenting structures/preparing for 1952 Master Plan?)

Bethesda Church, 1951

East Headrace Diversion Dam Repair, 1951

East Headrace Revetment Condition, 1951

New Exhibit Space, 1951

New Spring Box Cover and Trap Door, Hopewell Village Water System, 1951

Road through Village Showing Dangerous Traffic and Walking Conditions, 1951

Roof Repair (Spring House), 1951

West Head Race Reconstruction, 1951

Village Views, 1952

Dedication Ceremony for Water Wheel and Blast Machinery, 1952

Wheel Pit Wall Restoration, 1952-1953  
Hopewell Building and Grounds, 1953  
New Entrance Road Site, 1953  
Reference Photographs from Other Sites, 1953  
Entrance Road and Parking Area Construction, 1954

Box 4

Project:

Completed Projects, July-December, 1955  
1804/Joanna Road Intersection before Removal of 1809 Intersection, 1955  
Office-Store before Restoration, 1955  
Warwick Road on Closing Village to Traffic, 1955  
Village Views, 1956  
French Creek State Park, 1956  
Historic Base Map, 1956  
Neiman's Barn, 1956  
Parking Lot Fence, 1956  
Tour Paths, 1956  
Wall Repair, 1956 (includes some photos to duplicate Stokes photo of 1887)  
1757 Road Restoration, 1956-1958  
Village Views, 1957  
Blacksmith Shop Vandalism, 1957  
Documenting 1826 date in plaster, Big House, 1957  
Slag Pile Reconstruction, 1957  
Wall North of Wheel Pit, 1957  
Bridge House Reconstruction, 1957-1958  
French Creek before Clearing, 1957-1958  
To Duplicate Painter-Luck Photograph of 1911, 1957-1958  
Mission-66 Documentation, 1958-1964

Box 5

Project:

Mission-66 Documentation, 1958-1964  
Village Views, 1958  
Alex Church Stable Reconstruction, 1958  
Big House Interior Repairs, 1958  
Cast House Wall Reconstruction, 1958  
Charcoal Shed Reconstruction, 1958  
Deposit of Material from Tenant House Area, 1958  
Maintenance Building Construction, 1958  
Reconstructed Wheel House, 1958  
Seasonal Housing Construction, 1958  
Storm Damage, 1958  
Tail Race Repairs, 1958  
Tenant House 3 Interior Rehabilitation, 1958  
Wall Repair, 1958

Barn Reconstruction, 1958-1959

Box 6

Project:

Barn Reconstruction, 1958-1959  
Visitor Center Construction, 1958-1959  
Village Views, 1959  
Big House Restored Kitchen, 1959  
Carriages being moved to Coal House, 1959  
Charcoal Making, 1959  
Document Conservation, 1959  
Garden Steps, 1959  
Non-historic Buildings, 1959  
Reference Photographs from Other Sites, 1959  
Signs, 1959  
Tenant Houses 1 and 2 after Porch Removal, 1959  
Tenant House 2 Window and Door Repairs, 1959  
Tenant House 3 Barn Reconstruction, 1959  
Visitor Center Dedication, 1959  
Wall H with Extended Steps, 1959  
Village Views, 1960  
Barn Restoration, 1960  
Big House Wall at Kitchen, 1960  
Charcoal Making, 1960  
Documenting Park Signs, 1960  
Lucas Quarters Porch Repair, 1960  
Mounce Jones Fireplace Brick Reduction, 1960  
New Door and Locks, Big House, 1960  
Orchard Clean up, 1960

Box 7

Project:

Office-Store Restoration, 1960-1961  
Anthracite Furnace before Stabilization, 1960-1963  
Village Views, 1961  
Charcoal Making, 1961  
Garden Restoration, 1961  
New Steps, Bake Ovens, 1961  
Office-Store Cabinet Repair, 1961  
Road Construction, 1961  
Sign Documentation, 1961  
Spring House, Recent Work, 1961  
Tail Race after Cleaning, 1961  
Widening Corner of Tour Path, 1961  
Village Views, 1962  
Bethesda Church Gravestones, 1962



Cast House Restored Wall, 1962  
Clearing of 1757 Road Bank, 1962  
Cooling Shed New Roof, 1962  
Garden Restoration Top Terrace, 1962  
Gardens, 1962  
Level Lawn Grade near Visitor Center, 1962  
New Chimney, Nathan Care House, 1962  
Office-Store Message Repeaters, 1962  
Park Sign, 1962  
Reference Photographs from Other Sites, 1962  
Slag Pile, 1962

Box 8

Project:

Stabilized Kilns, 1962  
Wall Repair, 1962  
Large Chestnut Tree Across Trail, 1962-1963  
Tenant House 1 Stabilization, 1962-1963  
Building Files, 1963  
Alexander Church House "GWK" Cut in Stone, 1963  
Bethesda Church Repairs, 1963  
Big House, Railing and Repair, 1963  
Blacksmith Shop Grade Lowering, 1963  
Boarding House Repairs, 1963  
Cast House Wall Repair, 1963  
Change in Stucco Wall, Big House, 1963  
Charcoal Kilns Stabilization, 1963  
Charcoal Making, 1963  
East Headrace Documentation, 1963  
Furnace Prior to Building Bridge House, 1963  
New Bridge over French Creek, 1963  
New Steps, Garden, 1963  
Office-Store Repairs, 1963  
Other Churches Gravestones, 1963  
Park Signs, 1963  
Spring House Steps, Cement Floor and Drain, 1963  
Survey of Property around Ironmaster's House, 1963  
Tail Race Bridge Repairs, 1963  
Tenant House 1, New Floor, 1963  
Tenant House 2 Repairs, 1963  
Anthracite Furnace Stabilization, 1963-1964  
Cast House Restoration, 1963-1964  
Tenant House 3 Repairs, 1963-1964  
Village Views, 1964  
Barn without Carriages, 1964  
Charcoal Making, 1964

Destruction of Old C.C.C. Buildings, 1964  
Electricity to Anthracite Furnace, 1964  
Flagstone Steps to Big House, 1964  
Flume Construction, 1964  
Furnace Retaining Wall Repair, 1964  
Gate and Steps, West Headrace, 1964

Box 9

Project:

Greenhouse Ruins before Stabilization, 1964  
New Fire Hose Housing East End of Barn, 1964  
Scales Pit before Reburial, 1964  
Spring House Ceiling, 1964  
Steps to Spring House, 1964  
Cast House Reconstruction, 1964-1965  
Village Views, 1965  
Anthracite Furnace Showing "Clay Pot" along West Wall, 1965  
Anthracite Furnace Showing Splash, 1965  
Anthracite Furnace Stabilization, 1965  
Big House Planting Barberry Bushes along Retaining Wall for Visitor Protection, 1965  
Blacksmith Shop before Fire, 1965  
Bridge House – Connecting Shed Showing New Bay, 1965  
Charcoal House Reconstruction, 1965  
Charcoal Making, 1965  
Crumbling Walls Bethesda Church, 1965  
Documenting Hazards near Anthracite Furnace and Cast House, 1965  
Nature Trail Signs, 1965  
New Park Signs, 1965  
Spring House Restoration, 1965  
Stone Wall South of Iron Masters House, 1965  
Tail Race Stabilization, 1965  
Tenant House 1 Restoration, 1965  
Tenant House 1 Stabilization, 1965  
Tenant House 2 Repairs, 1965

Box 10

Project:

Vandalism of Exhibit Shelter, 1965  
Walls around Visitor Center, 1965  
Spring House Restoration, 1965-1966  
Village Views, 1966  
Anthracite Furnace Retaining Wall, 1966  
Charcoal Making, 1966  
N.P.S. Fiftieth Anniversary Sign on Visitor Center/Entrance Sign, 1966  
Office-Store Refurnishing, 1966  
Tail Race Open Area where Visitor Might Fall, 1966

Tenant House 1, Refurnished, 1966  
Wash-out of Road at Corner of Office-Store, 1966  
Village Views, 1967  
Big House Removal of Beams and Flooring from Rear Porch, 1967  
Charcoal Hearth, 1967  
Charcoal Making, 1967  
Laying Telephone Cable, 1967  
Reference Photographs from Other Sites, 1967  
Well Drilling at Quarters 71, Lloyd House, 1967  
Village Views, 1968  
Aftermath of Snow and Ice Storm, 1968  
Charcoal Making, 1968  
Harrison Lloyd Road showing need of pavement by State, 1968  
Inspection at French Creek State Park, 1968  
Iron Masters House Redecorating, 1968  
Potential Dam Site West Headrace, 1968  
Reference Photographs from Other Sites, 1968  
Wall of West Kiln, Scene of Small Girls Fall, 1968  
West Tail Race Repairs, 1968  
Village Views, 1969  
Boarding House Reconstruction of Porch, 1969  
Box at Visitor Center for Night Time Guide Leaflets, 1969  
Gem Spring Repair, 1969  
Hopewell Lake Dam Re-pointing, 1969  
Ironmaster's House Stabilization, 1969  
Map Showing Possible Land, 1969  
Non-historic Buildings, 1969  
Phone Installation Outside Visitor Center, 1969  
Rehabilitation of Doorway Tenant House 2, 1969  
Road Signs, 1969  
Working on Road to Charcoal Hearth, 1969  
Environmental Study Area, 1969-1970  
Village Views, 1970  
Bethesda Church Repairs, 1970  
Building Boat Landing, French Creek State Park, 1970  
Iron Masters House and Stored Items, 1970  
Reference Photographs from Other Sites, 1970

Box 11

Project:

Village Views, 1971  
Big House Showing Structural Damage and Needed Repairs, 1971  
Charcoal Making 1971  
Greenhouse Ruins, 1971  
New Quarters (trailer) for Collier, Elmer Kohl, 1971  
New Roof for Section of Bridge House Closest to Furnace, 1971

Tenant House 2 Repairs, 1971  
Village Views, 1972  
Blacksmith Shop Door and Hardware Repair, 1972  
Boarding House Interior Restoration, 1972  
Damage Caused by Hurricane Agnes, 1972  
Planting Tenant House 1 Garden Boy Scout Troop 517, 1972  
Signs, 1972  
Village Views, 1973  
Conestoga Wagon Restoration, 1973  
Stone Pillars along 345 near Entrance, 1973  
Women's Club Planting Garden, 1973  
Village Views, 1974  
Bake Oven Cleaning, 1974  
Big House Exterior Repairs, 1974  
Iron Masters House Showing Needed Interior Repairs, 1974  
Iron Ore from Bethlehem Steel Corporation, 1974  
Laying of Electric Line, Tenant House 2, 1974  
Other Churches Gravestones, 1974  
Planting Catalpa Tree, Berks Count Federation of Women's Club, 1974  
Planting Rose Bushes, Rose Society of Reading, 1974  
Restoration Bethesda Church, 1974  
Water Expansion System, 1974-1975  
Village Views, 1975  
Blacksmith Shop Restoration, 1975  
Cleaning Damage to Trees after Storm, 1975  
Moulder's Dining Room before Repairs, 1975  
Moulder's Kitchen Repairs, 1975  
Proposed Parking Area, 1975  
Wagons to be Repaired, 1975  
Village Views, 1976  
Reference Photographs Other Sites, 1976  
Village Views, 1977  
Greenhouse Ruins Stabilization, 1977  
Handicapped Walkway from Visitor Center to Village, 1977  
Ironmaster's House Exterior Repairs, 1977  
Needed Repairs Bethesda Church, 1977  
New Fuel Oil Storage Tank for Visitor Center, 1977  
New Sidewalks Visitor Center, 1977  
Overgrown Area West of Slag Pile Near Cast House, 1977  
Work Projects, East Race: Environmental Impact Statement, YCC Staff, 1977  
Boarding House Interior Repair to Ceiling in Right Room, 1978  
Ice Storm Damage, 1978  
Reconstruction of Wheel, 1978  
Storm Damage, 1978  
Clearing East Headrace, Mini Ramblers, 1979  
Ironmaster's House Restoration, 1979-1980

NESA Trail and Environs, 1980  
Wall Damage Bethesda Church, 1980  
Ephrata Graveyard Wood Wall Caps, 1982  
East Headrace Crumbled Wall, 1983

Box 12

Project:

Wood Lot House and Brison House before Re-pointing by YCC, 1983  
Village Views, 1984  
East Headrace Wall Restoration, 1984  
Flood Damage, 1984  
Village Views, 1985  
Flood Damage and Repair, 1987  
Furnace Top, 1987  
Hurricane Floyd Damage, 1987  
Information Desk Redesigned to Accommodate Fee Collection, 1987  
New Waterline to Water Fountain, 1987  
Test Holes Drilled in to Furnace Stack to Determine Composition, 1987  
Waterline Installation Tenant House 3, 1987  
Building-up Snake Hole in Charcoal Furnace, 1988  
Charcoal Furnace, Building up Lip around Snake Hole, 1988  
New Roof Tenant House 1, 1988  
Wagon Wheel Restoration, 1988  
Water Wheel Construction and Furnace Re-pointing, 1988  
Water Wheel Reconstruction; Tenant House 1 Roof Repair; Furnace Re-pointing;  
    Building up Snake Hole at Charcoal House, 1988  
West Headrace Reconstruction, 1989  
Septic Tank, 1989  
Graves, Bethesda Church, 1994

### **Inter-positives**

Box 13

Project:

Village Views, 1938  
Wheel Pit Stabilization, 1938  
Furnace Restoration, 1938-1939  
Reference Photographs Other Sites, 1938-1939  
Wall Reconstruction and Stabilization, 1938-1939  
Village Views, 1939  
Bypass Road, 1939  
East Headrace Restoration, 1939  
Village Views, 1940  
Bake Ovens Reference Photographs, 1940  
Bake Oven Test, 1940  
Baptism Creek Picnic Area, 1940

Charcoal Making, 1940

Box 14

Project:

Fire School French Creek, 1940  
Hopewell Reception, 1940  
John Church House Reconstruction, 1940  
Orchard Clean-up, 1940  
Organized Camp, Hopewell Lake, 1940  
Walkway to Furnace and Blast Machinery, 1940(s)?  
Reference Photographs Other Sites, 1940-1941  
Village Views, 1941  
Buried Cannon Radio Scope, 1941  
Furnace Restoration, C.C.C., 1941  
Off Site Bake Ovens, 1941  
Reference for Water Wheel and Blast Machinery, 1941  
The Dating of Wood, 1941  
Village Views, 1942  
Hopewell Village Model, 1942  
Village Views, 1945  
Village Views, 1947  
Ironmaster's House Repairs, 1947  
Re-shingling Charcoal House, 1947  
Springhouse Repairs, 1947  
Walkway to Furnace and Blast Machinery, 1947  
Documenting Park Signs, 1947-1949  
Village Views, 1948  
Bridge House Walls Showing Needed Repairs, 1948  
Hopewell Village Model, 1948  
Joseph Whitaker of Hopewell Furnace, 1948  
Village Views, 1949  
Blacksmith Shop Reconstruction, 1949-1950

Box 15

Project:

Furnace Boiler before Dismantling, 1950  
Hopewell Dam, 1950  
Reference Photographs from Other Sites, 1950  
Spring House Hole in Wall, 1950  
Water Wheel Construction, 1950-1951  
Village Views, 1951 (documenting structures?)  
Bethesda Baptist Church, 1951  
East Headrace Diversion Dam Repair, 1951  
East Headrace Revetment Condition, 1951  
New Exhibit Space, 1951  
New Signs and Views of Furnace Group, 1951

New Spring Box Cover and Trap Door, Hopewell Village Water System, 1951  
Road through Village Showing Dangerous Traffic and Walkway Conditions, 1951  
Roof Repair, 1951  
Water Wheel Construction, 1951  
West Headrace Reconstruction, 1951-1952  
Village Views, 1952  
Dedication Ceremony for Water Wheel and Blast Machinery, 1952  
Wheel Pit Wall Restoration, 1952-1953  
Hopewell Buildings and Grounds, 1953  
New Entrance Road Site, 1953

Box 16

Project:

Reference Photographs Other Sites, 1953  
Entrance Road and Parking Area Construction, 1954  
Completed Projects, July-December, 1955  
1804/Joanna Road Intersection before Removal of 1809 Intersection, 1955  
Fixing Garden Steps at Big House, 1955  
Warwick Road Barrier Closing Village to Traffic, 1955  
Village Views, 1956  
Historic Base Map, 1956  
Neimans Barn, 1956  
Parking Lot Fence Installed, 1956  
Temporary Visitor Center, 1956  
Tour Path, 1956  
Wall Repair, 1956  
1757 Road Restoration, 1956-1958  
Village Views, 1957  
Blacksmith Shop Vandalism, 1957  
Documenting 1826 date in Plaster, Big House, 1957  
Wall North of Wheel Pit, 1957  
Bridge House Reconstruction, 1957-1958

Box 17

Project:

Bridge House Reconstruction, 1957-1958  
French Creek before Cleaning, 1957-1958  
To Duplicate Painter-Luck Photograph of 1911, 1957-1958  
Mission 66 Documentation, 1958-1964  
Village Views, 1958  
Alex Church Stable Reconstruction, 1958  
Big House Interior Repairs, 1958  
Bridge House Duplicating Stokes Photo of 1887, 1958  
Cast House Wall Reconstruction, 1958  
Charcoal Cooling Shed Construction, 1958  
Deposit of Material from Tenant House Area, 1958

East Headrace Wall without Historical Basis, 1958  
Maintenance Building Construction, 1958  
Reconstructed Wheel House, 1958  
Seasonal Housing Construction, 1958  
Spring House before Restoration, 1958  
Storm Damage, 1958  
Tenant House 3 Interior Rehabilitation, 1958  
Tail Race Repairs, 1958  
Visitor Center Construction, 1958  
Wall Repair, 1958  
Barn Reconstruction, 1958-1959

Box 18

Project:

Barn Reconstruction, 1958-1959  
Village Views, 1959  
Big House Restored Kitchen, 1959  
Charcoal Making, 1959  
Garden Steps, 1959  
Non-historic Buildings, 1959  
Reference Photographs from Other Sites, 1959  
Signs, 1959  
Tenant House 1 and 2 after Porch Removal, 1959  
Tenant House 2 Window and Door Repairs, 1959  
Tenant House 3 Barn Reconstruction, 1959  
Visitor Center Dedication, 1959  
Wall H with Extended Step, 1959  
Village Views, 1960  
Barn Restoration, 1960  
Big House Wall at Kitchen, 1960  
Charcoal Making 1960  
Documenting Park Signs, 1960  
Lucas Quarters Porch Repairs, 1960  
Mounce Jones Fireplace Brick Reduction, 1960  
New Door and Locks Big House, 1960  
Orchard Clean-up, 1960  
Office-Store Restoration, 1960-1961  
Anthracite Furnace before Stabilization, 1960-1963  
Village Views, 1961

Box 19

Project:

Charcoal Making, 1961  
Garden Restoration, 1961  
New Steps, Bake Ovens, 1961  
Office-Store Cabinet Repair, 1961



Office-Store Restoration, 1961  
Road Construction, 1961  
Sign Documentation, 1961  
Spring House Recent Work, 1961  
Tail Race after Cleaning, 1961  
Widening Corner of Tour Path, 1961  
Village Views, 1962  
Bethesda Church Gravestones, 1962  
Cast House Restored Wall, 1962  
Cleaning of 1757 Road Bank, 1962  
Cooling Shed New Roof, 1962  
Gardens, 1962  
Large Chestnut Tree across Trail, Northwest of Visitor Center, 1962-1963  
Level Lawn Grade near Visitor Center, 1962  
New Chimney Nathan Care House, 1962  
Office-Store Message Repeaters, 1962  
Park Signs, 1962  
Slag Pile, 1962  
Stabilized Kilns, 1962  
Steps and Gate West Headrace, 1962  
Tenant House 1 Stabilization, 1962  
Wall Repair, 1962  
Building Files, 1963  
Alexander Church House, G.W.K. Cut in Stone, 1963  
Bethesda Church Repairs, 1963  
Blacksmith Shop Grade Lowering, 1963  
Big House Railing and Repair, 1963  
Boarding House Interior Repairs, 1963  
Change Stucco Wall, Big House, 1963  
Charcoal Kilns Stabilization, 1963  
Charcoal Making, 1963  
East Headrace Documentation, 1963  
Furnace Prior to Building Bridge House, 1963  
Grading South Slope East of Main Parking Lot, 1963  
New Bridge Over French Creek, 1963

Box 20  
Project:  
New Steps, Garden, 1963  
Office-Store Repairs, 1963  
Other Churches Gravestones, 1963  
Park Signs, 1963  
Steps, Cement Floor and Drain, Spring House, 1963  
Survey of Property around Ironmaster's House, 1963  
Tenant House 2 Repairs, 1963  
Wall H Repair, 1963

Anthracite Furnace Stabilization, 1963-1964  
Cast House Restoration, 1963-1964  
Tenant House 3 Repairs, 1963-1964  
Village Views, 1964  
Barn without Carriages, 1964  
Charcoal Making, 1964  
Construction New Flume, 1964  
Destruction of Old CCC Buildings, 1964  
Electricity to Anthracite Furnace, 1964  
Flagstone Steps to Big House, 1964  
Flume Construction, 1964  
Furnace Retaining Wall Repair, 1964  
Gate and Steps West Headrace, 1964  
Green House Ruins before Stabilization, 1964  
New Fire Hose Housing East End of Barn, 1964  
Reference Photographs from Other Sites, 1964  
Scale Pit before Reburial, 1964  
Spring House Ceiling, 1964  
Cast House Reconstruction, 1964-1965  
Village Views, 1965  
Anthracite Furnace "Clay Pot" along West Wall, 1965  
Anthracite Furnace Showing Splash, 1965  
Anthracite Furnace Stabilization, 1965  
Big House Planting Barberry Bushes along Retaining Wall for Visitor Protection, 1965  
Big House Views, 1965  
Blacksmith Shop, 1965  
Blacksmith Shop Showing Grading, Partial Accounting of Stone Bridge, 1965  
Bridge House, Connecting Shed Showing New Bay, 1965  
Cast House Area "Drain" found in Grading Scales Away, 1965  
Charcoal House Reconstruction, 1965

Box 21  
Project:  
Charcoal Making, 1965  
Crumbling Walls Bethesda Church, 1965  
Documenting Hazards near Anthracite Furnace and Cast House, 1965  
Ironmaster's House, Stonewall South of House, 1965  
Signs, 1965  
Tail Race Stabilization, 1965  
Tenant House 1 Stabilization, 1965  
Vandalism of Exhibit Shelter, 1965  
Walls around Visitor Center, 1965  
Springhouse Restoration, 1965-1966  
Village Views, 1966  
Anthracite Furnace Retaining Wall, 1966  
Charcoal Making, 1966

NPS Fiftieth Anniversary Sign on Visitor Center, 1966  
Office-Store Refurnishing, 1966  
Snow Removal, 1966  
Tail Race Open Area Where Visitor Might Fall, 1966  
Tenant House 1 Refurnished, 1966  
Washout of Road at Corner of Office Store  
Village Views, 1967  
Big House Removal of Beams and Flooring, 1967  
Charcoal Making, 1967  
Harrison Lloyd Road showing need of pavement by State, 1968  
Laying Telephone Cable, 1967  
Reference Photographs from Other Sites, 1967  
Well Drilling at Quarters 71, Lloyd House, 1967  
Village Views, 1968  
Aftermath of Snow and Ice, 1968  
Charcoal Making, 1968  
Harrison Lloyd Road Showing need of pavement by State, 1968  
Inspection at French Creek State Park  
Ironmaster's House Redecorating, 1968  
Potential Dam Site West Headrace, 1968  
Reference Photographs from Other Sites, 1968  
Wall of West Kiln, Scene of Small Girls Fall, 1968  
West Tail Race Repairs, 1968  
Village Views, 1969  
Boarding House, Reconstruction of Porch, 1969  
Deteriorated Foundations of old Bridge to Baptism Creek Picnic Area, 1969  
Gem Spring Repair, 1969  
Ironmaster's House Stabilization, 1969  
Non-historic Buildings, 1969  
Phone Installation Outside Visitor Center, 1969  
Road Signs, 1969  
Spring House New Steps, 1969  
Tenant House 2, Rehabilitation of Doorway, 1969  
Environmental Study Area, 1969-1970  
Village Views, 1970  
Bethesda Church Repairs, 1970  
Building Boat Landing French Creek State Park, 1970

Box 22  
Project:  
Reference Photographs from Other Sites, 1970  
Ironmaster's House Showing Structural Damage and Needed Repairs, 1970-1971  
Village Views, 1971  
Greenhouse Ruins, 1971  
New Quarters for Elmer Kohl, 1971  
New Roof for Section of Bridge House Closest to Furnace, 1971

Signs, 1971  
Village Views, 1972  
Blacksmith Shop Door and Hardware Repair, 1972  
Boarding House Interior Restoration, 1972  
Boy Scouts Planting Tenant House 1 Garden, 1972  
Damage Caused by Hurricane Agnes, 1972  
Village Views, 1973  
Women's Club Planting Garden, 1973  
Village Views, 1974  
Bake Oven Cleaning, 1974  
Big House Exterior Repairs, 1974  
Laying of Electric Line Tenant House 2, 1974  
Restoration Bethesda Church, 1974  
Water System Expansion, 1974-1975  
Blacksmith Shop Restoration, 1975  
Clearing Damage to Trees, 1975  
Moulder's Kitchen Repairs, 1975  
Village Views, 1976  
Reference Photographs from Other Sites, 1976  
Greenhouse Ruins Stabilization, 1977  
Ironmaster's House Exterior Repairs, 1977  
Work Projects, East Race, Environmental Impact Statement, 1977  
Boarding House Interior Repairs, 1978  
Ice Storm Damage to Village, 1978  
Reconstruction of Water Wheel, 1978  
NESA Trails and Environs, 1980  
Wall Damage Bethesda Church, 1980  
Wood Lot and Brison House before Repointing, 1983  
Village Views, 1984  
Village Views, 1985  
Information Desk Redesigned to Accommodate Fee Collection, 1987  
Hurricane Floyd Damage, 1987  
Test Hole Drilled into Furnace Stack to Determine Composition, 1987  
Waterline Replacement and Installation, 1987  
Building up Snake Hole at Charcoal Furnace, 1988  
New Roof Tenant House 1  
Water Wheel Reconstruction and Furnace Re-pointing, 1988 (one folder of negative strips also contains Roof Repairs Tenant House 1 and Building up Snake Hole Charcoal Furnace)  
Reconstructing West Headrace, 1989  
Septic Tank, 1989  
Graves, Bethesda Church, 1994

**X. Maps, Plans and Drawings**

## MS/FR/MC/D22

## Folder:

8. Road and Trail System Plan, NHS-HV 2012A
9. Sketches, Bridge House Framing, NHS-HV 2019A
10. Bridge House, NHS-HV 2020

## MS/FR/MC/D23

## Folder:

1. Plot Plan for Residence No. 1, NHS-HV 2051A, Garage for Residence No. 1, NHS-HV 2052, Planting Plan for the Grounds of Residence No. 1, NHS-HV 2057-A
2. Plot Plan, Maintenance Group, NHS-HV 2058, Preliminary Layout for Park Headquarters, NHS-HV 2061-1-2, 2061-2-2
3. Hopewell's Blast Machinery, NHS-HV 2062
4. Hopewell's Blast Machinery, NHS-HV 2062 (C.C.C.), NHS-HV 2062A
5. Hopewell's Blast Machinery, NHS-HV 2062, duplicates
6. Existing Conditions, Garden Path, Steps, Mansion Garden, Village Area, NHS-HV 3009
7. Walk, Steps, Footbridge, Parking Area to Mansion, NHS-HV 3015
8. Cover sheet, Residence and Visitor Center – Residence and Headquarters Area, NHS-HV 3017B, 3022A, 3031
9. Employee Residence, NHS-HV 3022A
10. Layout Grading Maintenance Area, NHS-HV 3026 and Layout and Grading for Visitor Center, Headquarters Area, NHS-HV 3027

## MS/FR/MC/D24

## Folder:

1. Maintenance Building, Utility Area, NHS-HV 3023
2. Plot and Deed 1794, NHS-HV 3041
3. Bethesda Baptist Church, Existing Conditions, NHS-HV 3052
4. Ironmaster's Mansion (Bldg. 1), Stair Details, NHS-HV 3060 and The Village Barn, 1840s Conditions Conjectural, NHS-HV 3061
5. Proclamation Map, 1940, NHS-HV 4001-1-1 and Hopewell Village National Historic Site [Survey of 848.06 Acres], NHS-HV 7004
6. Plan of Topography, Vicinity of Quarters No. 2 "(Bldg. 71)", NHS-HV 5364-1-1
7. Proposed Sewage Disposal System, Nathan Care House, NHS-HV 5304
8. Road Ownership Map, NHS-HV 5306
9. Spring House, Houck House, NHS-HV 5356
10. Utility Group Service Road, NHS-HV 5361 and Entrance Road and Parking, NHS-HV 5362A

## MS/FR/MC/D25

## Folder:

1. Repairs to Hopewell Furnace, Hopewell Village, NHS-HV 8002
2. Preliminary Drawing Houck House, Proposed Alterations for Superintendent Residence, NHS-HV 8004-1-1

3. Minor Road, Camp PA-SP-7, NHS-HV 8003, 8006
4. Plot Plan for Residence No. 1, NHS-HV 8008 and Residence No. 1, NHS-HV 8008 and Garage for Residence No. 1, NHS-HV 8009
5. Land Owners of Hopewell Region, NHS-HV 8055<sup>†</sup>
6. Property Line Map, NHS-HV 9384 and Base Map, NHS-HV 9385
7. Ironmaster's House , Measured Drawings, 376/28,000
8. Intrusion and Fire Alarm System, 376/41,005 B, Folder 1 of 2
9. Intrusion and Fire Alarm System, 376/41,005 B, Folder 2 of 2
10. Timber Cranes, Cast House, NHS-HV 376/80,002 and Crane Accessories, Cast House, 376/80,003

## MS/FR/MC/D26

## Folder:

1. Landscape Design Project, Visitor Center, 376/80,010
2. Land Status Maps, 376/92,000
3. Historical Base Map, Berks County; Map of Berks County; Pennsylvania Iron Works, Ores and Coal; Map of Chester County, Pennsylvania; Map of Berks County; French Creek Valley Historic Sites and Structures; French Creek Valley Recommendations; Tory Map or British Map for Invasion of PA
4. A Connected Warrantee Township Map: Berks County [Land Owners] Land Holders
5. Historic 18<sup>th</sup> Century Land Owners by Estale Cremers, Local Historian; Old Hopewell Village, FCRDP, 1937 (2 photostat copies); Plan Showing Change of Track and Additional Tracts at the E. and G. Brooke Iron Companies, No. 2 Furnace, Birdsboro [post 1885] <sup>†</sup>
6. Topographical Maps: Honeybrook Quadrangle, Boyertown Quadrangle, Phoenixville Quadrangle, Birdsboro Quadrangle, Elverson Quadrangle, Pottstown Quadrangle, Relief Map of Newark, NJ, New York, PA <sup>†</sup>
7. Vicinity Maps: Historical Map, Berks County; Hunting and Fishing, Berks County; Honeybrook Quadrangle; Portion of 2 maps entitled "Topography, State of Pennsylvania; Honeybrook N.E., PA.; The Drainage Area of the Schuylkill River, 1886; Public Roads, Chester County, 1912 (rolled); Planimetric and Hydrographic Base Map, Planning Commission of the County of Berks, 1962 (rolled); General Highway Map, Lebanon County, PA, 1969 (rolled); General Highway Map, Montgomery County, PA, 1978; General Highway Map, Schuylkill County, PA, 1976 (rolled) <sup>†</sup>
8. Properties, Lease holds and Rights of Way, Birdsboro Stone Company, 1922
9. Hopewell Maps and Local Area Maps: Vertical View of Hopewell; Properties, Lease holds and Rights of Way of Birdsboro Stone Co.; Tracts, Hopewell Furnace Lands and Contiguous or Adjacent Tracts, Property of Louis C. Brooke; Proposed Boundary of Hopewell Village National Historic Site; Old Hopewell Village French Creek Recreational Demonstration Project – Berks County (Photostat)

---

<sup>†</sup> See *also* oversize storage.

<sup>†</sup> See *also* oversize storage.

10. Vicinity Map, Hopewell Village NHS and French Creek Recreational Demonstration Area

MS/FR/MC/D27

Folder:

1. French Creek Project: Recreational Features, Recreational Map and Responsibility of Roads on Area, FREN 9261-1; Existing Road System, NHS-73-C
2. Condemnation of Green Lane Road
3. Property Map, French Creek State Park, R.J. Matter, 2/4/63
4. Untitled [Topography and Village Area]
5. Hopewell Furnace and French Creek State Park: Hopewell Village and Surrounding Area; Tour Map of Village; Road and Trails of French Creek State Park and Hopewell Village NHS; Map of French Creek State Park; Hopewell Furnace NHS and Adjacent Lands; Untitled Map [Showing Survey] Hopewell Furnace NHS; Old Hopewell Village French Creek Recreation (sic) Demonstration Project, Photostats glued together, 2 copies (rolled storage) †
6. Protection Zones, Silvius 7/2/40
7. Historical Survey
8. Area Map, Hopewell Village National Historic Site
9. Property Map, Hopewell Village N.H.S. (Includes 1944 boundary line and lands recommended for purchase)
10. French Creek State Park Condemnation Plan, Property of Wilson and Gambone and John C. Moser, March 29, 1971
11. Revised Historic Base Map (Temporary), No Date

MS/FR/MC/D28

Folder:

1. Base Map, No Date
  2. Possible Scheme of Restoration and Development, Hopewell Village National Historic Site, Nov. 6, 1955
  3. Key Map by J.C.F. Motz
  4. Special Use Permit Drawings: Conestoga Tel & Tel Co. Hopewell National Park, Cable Buried in Joint Trench; Sketch to Accompany Unnumbered Special Use Permit, Dec. 30, 1958; Underground Existing Facilities, Hopewell Village Center, July 1978; Application for Specific Use Permit for Addition of Neutral Conduction, Relocations and Addition of Anchor Guys at Hopewell Village Historical Site, 1/18/66; Three Phase Power Line to Serve Park Facilities, 2/28/58; Untitled-Underground Wiring from Office Store to Quarter #21 (Telephone Line), 1/5/66
  5. Plant List, French Creek Project, Birdsboro, Penna, Hopewell Historic Site
  6. Revised Layout Plan for Baptism Creek Picnic Area, FREN 9075 A1-1
  7. French Creek Area Diversion Ditches, Baptism Creek Picnic Area, 8/24/40 and 6/3/40
-

8. Blowing Engine – Water Wheel by Franklin Institute Museum [Blast Machinery], 2/3/31
9. Deflecting Beam and Ceiling Medallion by Belcher, 1957 [Ironmaster's House/Mansion/Big House]
10. Proposed W. I. Railing, Blacksmith Shop, 4/24/67
11. Plan for Mansion Gardens, "NHS-HV 3001/Copy of original drawing of garden by Mrs. Mary Krewson. Original drawing by Dennis C. Kurjack based on historical research; Proposed Restoration Plan for Old Iron Making Village 1936 by Roy Appleman; Existing Facilities and Tracts NHS-HV 2018D"

## MS/FR/MC/D29

## Folder:

1. Ironmasters House, Details, Door Types, Trim by N.M. Souder
2. Hopewell Big House, French Creek R.D.P.-PA-7 and Hopewell Blacksmith, French Creek R.D.P.-PA-7
3. Record of Drainage Tile, North Wall – Ironmaster's House by N.M. Souder
4. Basement Kitchen, Ironmaster's House, by Souder?, No Date
5. Blast Machinery, No Date
6. Untitled Sketch of Charcoal Wagons and Historical Ore and Charcoal Carts
7. Utility Area, Three Employee Residences, NHS-HV 3022
8. Hopewell Village Furnace: French Creek Project Revised Plan of Hopewell Furnace, July 29, 1938 and French Creek Reconnaissance and Investigation, Vicinity of Hopewell Furnace, August 2, 1938
9. Drawings of Furnace Group, No Date and Blast Machinery, 1953
10. Furnace Drawings: Total Cubical Cap[acity] from Hearth to Stockline, 13.460; Copy of Furnace Drawing, Original Probably Drawn by Edward Brooke; Untitled Sketch of Furnace; Untitled Sketch of Approximate Furnace Charge
11. Contour Plan of Control Features, East Head Race, 1939

## MS/FR/MC/D30

## Folder:

1. Plan of East Head Race, Jan. 17, 1940
2. Drawing of Spring House and Drawing of Stove by N.M. Souder
3. Typical Bench Design, PG 1422, 4/8/48
4. Septic Tank for Sewage Disposal System – Example Details, R1-TYP-DWG-9506
5. Fire Tool House, R-1 Typical 9073
6. NPS Standards for Trail Construction, Oct. 1952
7. Removal and Restoration of Sand's Forge, White Bear, PA
8. Untitled Drawing on Tissue, Possibly of Soldier Cabin, Norristown NHS
9. HABS, Oxford Furnace
10. HABS, The Deserted Village, Allaire, New Jersey
11. HABS, Split Rock, Morris County, New Jersey
12. Camp Map 3304<sup>th</sup> Company C.C.C., Camp NP4-PA W-V, Birdsboro, PA, 1940 and Camp Penna NP 4 French Creek Project, Birdsboro, Penna, C.C.C. Company 3304, Veterans [undated]



## XI. Photographs

*Photographs in this series could not be associated to a particular project and have been arranged by photograph number.*

Box 23 (photograph box 5 x 7 x 12)

Photo Number:

19-47	Ironmaster's House, no date
19-103	Ironmaster's House, no date
27-13	Blacksmith Shop, no date
37-13	Turner House, no date
37-14	Wooden Bridge Crossing the Schuylkill River at Birdsboro, 1940
48-1	Turner House, no date
48-2	Francis Lucas House, no date
48-3	Francis Lucas House, no date
69-7	Tenant House #3, no date
109-8	Charcoal Making – Construction of Charcoal Burners Hut, site unknown, no date
122-11	Eagle or Curtain Furnace, copy of 1915 photograph, no date
122-13	Hecla Furnace – Bridge House and Cast House, copy of ca. 1920 photograph, no date
124.9	Water Wheel and Blast Machinery [used for a publication?], no date
125-5	Tenant Houses, copy of historic photograph, no date
125-38	Bethesda Church, no date
125-39	Bethesda Church, no date
125-40	Bethesda Church, no date
P1959-454	Furnace Group – Stack and Bridge House, copy from Stauffer photograph April 1920
P1959-456	Hopewell Lake, no date
P1959-460	Bridge House [circa 1940s]
P1959-461	Furnace Group, Stack and Water Wheel [post-1952, pre-1955]
P1960-232	Iron Manufacture on St. Peter Branch of Reading Co. [pre-1960]
P1961-12	Furnace near Poughkeepsie, N.Y. 1959
P1961-238	Unknown Water Wheel and Exterior, no date
P1961-224	Furnace – unknown location, 1955
P1964-54	Joanna Furnace and Office Ruins, 1964
P1968-134	Covered Bridge, 1968
P1970-106	1932 Blacktop Road Running through Village until Obliteration in 1958
P1970-109	Forge Paddle Wheel at Saugus Ironworks Restoration, no date
No number	Bethesda Church [early 1980s?]
No number	Industrial Surface Debris, no date
No number	Park Signs, no date

Inter-positive

37-14	Wooden Bridge Crossing the Schuylkill River at Birdsboro, 1940
-------	--

## **XII. Oversize Photographs**

Box 24 (letter size)

Project:

Sketch of Blacksmith Shop [film copy from 1935 drawing], 1938

Furnace Restoration, 1938-1939

Village Views, 1940

Charcoal Making, 1940

Village Views, 1941

Reference File for Water Wheel and Blast Machinery, 1941

Village Views, 1942

Church House (aka Houck House) Conversion to Quarters, 1942

Blacksmith Shop, 1949-1950

Hopewell Dam, 1950

Office-Store, Big House [1950]

Water Wheel Construction, 1950-1951

Ironmaster's House Interior Repairs, folders 1-7, 1950s

Tenant House Projects, folder 1-2, 1950s

West Headrace Reconstruction, 1951-1952

Bake Oven Restoration, 1955

Village Views, 1956

Historic Base Map, folder 1-2, 1956

Office-Store, 1956

Wall Repair, folder 1-3, 1956

Visitor Shelter, Mission 66, 1957

Wall North of Wheel Pit, 1957

Bridge House Reconstruction 1957-1958

Mission 66 Documentation, folders 1-4, 1958-1964

Village Views, 1958

Big House Interior Repairs, 1958

Reconstructed Wheel House, folders 1-2, 1958

Tenant House 3 Interior Repairs, 1958

Barn Reconstruction, folders 1-7, 1958-1959

Box 25 (letter size)

Project:

Visitor Center Construction, 1958-1959

Village Views, 1959

Charcoal Making, 1959

Office-Store Restoration, folders 1-3, 1960-1961

Anthracite Furnace before Stabilization, 1960-1963

Charcoal Making [part of interpretive prospectus?], 1961

Ironmaster's House [part of interpretive prospectus?], 1961

Anthracite Furnace Stabilization, 1963-1964

Bridge House (?) Restoration, 1963-1964

Cast House Restoration, 1963-1964

Tenant House 3 Repairs, 1963-1964  
Charcoal House Reconstruction, 1965  
Harrison Lloyd House before Removal, 1965  
Charcoal Making, 1965  
Village Views, 1967  
Big House Removal of Beams and Flooring from Rear Porch, 1967  
Charcoal Making, 1968  
Environmental Study Area, 1969-1970  
Bethesda Church Repairs, 1970  
Proposed Restoration Bake Oven, 1970s?  
Stabilization Summer Beam, Ironmaster's House, 1970  
Charcoal Making, 1972  
Charcoal Making, 1973  
Village Views, 1974  
Big House Exterior Repairs, 1974  
Restoration Bethesda Church, 1974  
Village Views, 1975  
Blacksmith Shop Restoration, folders 1-2, 1975  
Documenting Structures, folders 1-2, 1975  
Moulder's Kitchen, 1975  
Maintenance Boiler, 1977  
Ice Damage, 1978  
Wall Damage Bethesda Church, 1980  
Ironmaster's House Restoration, 1979-1980

Box 26 (flat box)

Project:

Inter-positive

Box 27 (letter size)

Project:

Ironmaster's House Repairs, 1950s

### **Oversize Material**

*The following is oversize material removed from Series IV. Maintenance Files and Series X. Maps, Plans and Drawings.*

MS/FR/MC/D30

Box 1 (22.5" x 30.5" x 3")

Folder:

1. Relief Map: Newark, NJ, New York, PA
2. Drawing: Change of Track and Additional Tracks at the E. and G. Brooke Iron Companies, No. 2 Furnace, Birdsboro [post 1885]

MS/FR/RWC/S3

Rolled Storage #1

Public Roads, Chester County, 1912

Planimetric and Hydrographic Base Map, Planning Commission of the County of Berks,  
1962

Lebanon County, PA, 1969

Montgomery County, PA 1978

Old Hopewell Village French Creek Recreation [sic] Demonstration Project (2 copies)

MS/FR/RWC/S3

Rolled Storage #2

Entrance Sign, Entrance Roads, NHS-HV 2011

Land Owners of Hopewell Region, NHS-HV 8055 (3 copies)





**BIBLIOGRAPHY**

*Hopewell Furnace National Historic Site, Collection Management Plan*. U. S. Department of the Interior, National Park Service, North East Region, Northeast Museum Services Center, 1998.

Kise Franks & Straw. *Final Report, Cultural Landscape Report, Hopewell Furnace National Historic Site*, KFS Cultural Resources Group, December 1997.

Page, John C. *The Civilian Conservation Corps and the National Park Service, 1933-1942: An Administrative History*. U.S. Department of the Interior, National Park Service, 1985.

Walker, Joseph E. *Hopewell Village: The Dynamics of a Nineteenth-Century Iron-Making Community*, 1966.

U.S. Department of the Interior, National Park Service. *Automated National Catalog System (ANCS+) User Manual*. Washington, D.C.: National Park Service, September 1998.

U.S. Department of the Interior, National Park Service. *Hopewell Furnace Handbook 124*. Washington, D.C. National Park Service, 1983.

U.S. Department of the Interior, National Park Service, North Atlantic Region Branch of Museum Services History Cataloging Standards Committee. *Guidelines for Cataloging History Collections Using the National Park Service Automated National Catalog System*. Boston, MA: National Park Service, summer 1993.

U.S. Department of the Interior, National Park Service. *Museum Handbook, Part II: Museum Records*. Washington, D.C.: National Park Service, September 1984.