

UNITED STATES DEPARTMENT OF THE INTERIOR  
 NATIONAL PARK SERVICE

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RECEIVED

DATE ENTERED

**NATIONAL REGISTER OF HISTORIC PLACES  
 INVENTORY -- NOMINATION FORM**

 SEE INSTRUCTIONS IN *HOW TO COMPLETE NATIONAL REGISTER FORMS*  
 TYPE ALL ENTRIES -- COMPLETE APPLICABLE SECTIONS
**1 NAME**

HISTORIC

Bollman Truss, Bollman Water-main Truss, Bollman Water Pipe Truss  
AND/OR COMMON
Lombard Street Bridge (Preferred)
**2 LOCATION**

STREET &amp; NUMBER

Over Gwynns Falls leading from Wetheredsville to Dickeyville  
NOT FOR PUBLICATION

CITY, TOWN

Baltimore

CONGRESSIONAL DISTRICT

VICINITY OF

6

STATE

Maryland

CODE

24

COUNTY

Baltimore City

CODE

510
**3 CLASSIFICATION**

| CATEGORY                                      | OWNERSHIP                                  | STATUS   | PRESENT USE   |
|---|--|--|---|
| <input type="checkbox"/> DISTRICT             | <input checked="" type="checkbox"/> PUBLIC | <input type="checkbox"/> OCCUPIED                    | <input type="checkbox"/> AGRICULTURE <input type="checkbox"/> MUSEUM                              |
| <input type="checkbox"/> BUILDING(S)          | <input type="checkbox"/> PRIVATE           | <input type="checkbox"/> UNOCCUPIED                  | <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> PARK                      |
| <input checked="" type="checkbox"/> STRUCTURE | <input type="checkbox"/> BOTH              | <input checked="" type="checkbox"/> WORK IN PROGRESS | <input type="checkbox"/> EDUCATIONAL <input type="checkbox"/> PRIVATE RESIDENCE                   |
| <input type="checkbox"/> SITE                 | <b>PUBLIC ACQUISITION</b>                  | <b>ACCESSIBLE</b>                                    | <input type="checkbox"/> ENTERTAINMENT <input type="checkbox"/> RELIGIOUS                         |
| <input type="checkbox"/> OBJECT               | <input type="checkbox"/> IN PROCESS        | <input checked="" type="checkbox"/> YES: RESTRICTED  | <input checked="" type="checkbox"/> GOVERNMENT <input type="checkbox"/> SCIENTIFIC                |
|   | <input type="checkbox"/> BEING CONSIDERED  | <input type="checkbox"/> YES: UNRESTRICTED           | <input checked="" type="checkbox"/> INDUSTRIAL <input checked="" type="checkbox"/> TRANSPORTATION |
|   |  | <input type="checkbox"/> NO                          | <input type="checkbox"/> MILITARY <input type="checkbox"/> OTHER:                                 |

**4 OWNER OF PROPERTY**
 NAME State of Maryland, Maryland Historical Trust

STREET &amp; NUMBER

21 State Circle

CITY, TOWN

Annapolis

VICINITY OF

STATE

Maryland
**5 LOCATION OF LEGAL DESCRIPTION**
 COURTHOUSE,  
 REGISTRY OF DEEDS, ETC.

Baltimore City Courthouse

STREET &amp; NUMBER

St. Paul and Fayette Streets

CITY, TOWN

Baltimore

STATE

Maryland
**6 REPRESENTATION IN EXISTING SURVEYS**

TITLE

DATE

\_\_\_ FEDERAL    \_\_\_ STATE    \_\_\_ COUNTY    \_\_\_ LOCAL

 DEPOSITORY FOR  
 SURVEY RECORDS

CITY, TOWN

STATE

**7 DESCRIPTION**

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|   |                                       |   |  |   |                       |
|---|---------------------------------------|---|--|---|-----------------------|
| <b>CONDITION</b>                              |                                       | <b>CHECK ONE</b>                              |  | <b>CHECK ONE</b>                          |                       |
| <input checked="" type="checkbox"/> EXCELLENT | <input type="checkbox"/> DETERIORATED | <input checked="" type="checkbox"/> UNALTERED | <input type="checkbox"/> ORIGINAL SITE | <input checked="" type="checkbox"/> MOVED | DATE <u>7/74:1975</u> |
| <input type="checkbox"/> GOOD                 | <input type="checkbox"/> RUINS        | <input type="checkbox"/> ALTERED              |  |   |                       |
| <input type="checkbox"/> FAIR                 | <input type="checkbox"/> UNEXPOSED    |   |  |   |                       |

**DESCRIBE THE PRESENT AND ORIGINAL (IF KNOWN) PHYSICAL APPEARANCE**

The Lombard Street Bridge, which formerly carried Lombard Street over the Jones Falls stream in Baltimore City, is located over Gwynns Falls between Dickey Mill to the west and Wetheredsville Road on the east.

The Lombard Street Bridge is an 88 foot cast-iron span designed in 1877 by the engineer Wendel Bollman (1814-1884). The bridge consists of three lines of trusses, two outer trusses of composite cast and wrought iron of diagonal Pratt-type. The center composite bowstring truss has a Pratt-system web. Both chords are cast-iron water mains, bifurcated at each end bearing at which point there is a cast-iron post and wrought-iron tie.

The Lombard Street Bridge was moved because it could no longer handle the heavy volume of traffic on Lombard Street, one of the principal east-west streets in Baltimore. Moving the bridge was the only way to save the structure from total demolition. Because of the unique character of this particular bridge, the City of Baltimore, the State of Maryland, the owners of the Dickey Mill, the Smithsonian Institution, the Commission for Historical and Architectural Preservation, and the Dickeyville citizens have joined forces to secure its future.

The new site of the Lombard Street Bridge consists of a 19th century industrial complex constructed on a level, open space bounded on the west by a steep grade, on the east by the Gwynns Falls, and beyond the stream by Wetheredsville Road. The Mill is not visible to the residential section of Dickeyville, therefore the bridge is not visible to the residents of Dickeyville. The Mill area has, since the 18th century, been industrial.

Since hurricane Agnes no access has existed to the Mill.

Without access to the Mill any proposed adaptive use of the structure cannot be economically viable. The Mill is the key factor in the historic justification for the existence of Dickeyville.

The erection of the Lombard Street Bridge over Gwynns Falls at the Dickey Mill solves two preservation problems by providing a viable adaptive use for two important historic properties. Adaptive use is essential to the viability of preservation as a whole.

Robert Vogel, Chairman, Department of Science and Technology, The National Museum of History and Technology, The Smithsonian Institution, agreed to be a consultant on the reerection.

# 9 MAJOR BIBLIOGRAPHICAL REFERENCES

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Vogel, Robert M., "The Engineering Contributions of Wendel Bollman," Paper 36, United States National Museum Bulletin 240: Contributions from the Museum of History and Technology, Smithsonian Institution, Washington, D. C. 1964.

# 10 GEOGRAPHICAL DATA

ACREAGE OF NOMINATED PROPERTY 92'2" x 50'6"

UTM REFERENCES

|   |      |              |                  |
|---|------|--------------|------------------|
| A | 1, 8 | 3, 5, 34, 20 | 4, 3, 53, 09, 10 |
|   | ZONE | EASTING      | NORTHING         |
| C |      |              |                  |

|   |      |         |          |
|---|------|---------|----------|
| B |      |         |          |
|   | ZONE | EASTING | NORTHING |
| D |      |         |          |

VERBAL BOUNDARY DESCRIPTION

LIST ALL STATES AND COUNTIES FOR PROPERTIES OVERLAPPING STATE OR COUNTY BOUNDARIES

| STATE | CODE | COUNTY | CODE |
|-------|------|--------|------|
| STATE | CODE | COUNTY | CODE |

# 11 FORM PREPARED BY

NAME / TITLE

Nancy Miller, Historian

ORGANIZATION

Maryland Historical Trust

DATE

December 1974

STREET & NUMBER

21 State Circle, The Shaw House

TELEPHONE

301-267-1438

CITY OR TOWN

Annapolis,

STATE

Maryland

# 12 STATE HISTORIC PRESERVATION OFFICER CERTIFICATION

THE EVALUATED SIGNIFICANCE OF THIS PROPERTY WITHIN THE STATE IS:

NATIONAL

STATE

LOCAL

As the designated State Historic Preservation Officer for the National Historic Preservation Act of 1966 (Public Law 89-665), I hereby nominate this property for inclusion in the National Register and certify that it has been evaluated according to the criteria and procedures set forth by the National Park Service.

STATE HISTORIC PRESERVATION OFFICER SIGNATURE

TITLE Acting State Historic Preservation Officer

DATE July 3, 1975

FOR NPS USE ONLY

I HEREBY CERTIFY THAT THIS PROPERTY IS INCLUDED IN THE NATIONAL REGISTER

DATE

DIRECTOR, OFFICE OF ARCHEOLOGY AND HISTORIC PRESERVATION

ATTEST:

DATE

KEEPER OF THE NATIONAL REGISTER

**8. SIGNIFICANCE**

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| PERIOD  | AREAS OF SIGNIFICANCE -- CHECK AND JUSTIFY BELOW |   |   |  |
|---|--|---|---|--|
| <input type="checkbox"/> PREHISTORIC          | <input type="checkbox"/> ARCHEOLOGY-PREHISTORIC  | <input type="checkbox"/> COMMUNITY PLANNING     | <input type="checkbox"/> LANDSCAPE ARCHITECTURE | <input type="checkbox"/> RELIGION                  |
| <input type="checkbox"/> 1400-1499            | <input type="checkbox"/> ARCHEOLOGY-HISTORIC     | <input type="checkbox"/> CONSERVATION           | <input type="checkbox"/> LAW                    | <input type="checkbox"/> SCIENCE                   |
| <input type="checkbox"/> 1500-1599            | <input type="checkbox"/> AGRICULTURE             | <input type="checkbox"/> ECONOMICS              | <input type="checkbox"/> LITERATURE             | <input type="checkbox"/> SCULPTURE                 |
| <input type="checkbox"/> 1600-1699            | <input type="checkbox"/> ARCHITECTURE            | <input type="checkbox"/> EDUCATION              | <input type="checkbox"/> MILITARY               | <input type="checkbox"/> SOCIAL/HUMANITARIAN       |
| <input type="checkbox"/> 1700-1799            | <input type="checkbox"/> ART                     | <input checked="" type="checkbox"/> ENGINEERING | <input type="checkbox"/> MUSIC                  | <input type="checkbox"/> THEATER                   |
| <input checked="" type="checkbox"/> 1800-1899 | <input type="checkbox"/> COMMERCE                | <input type="checkbox"/> EXPLORATION/SETTLEMENT | <input type="checkbox"/> PHILOSOPHY             | <input checked="" type="checkbox"/> TRANSPORTATION |
| <input type="checkbox"/> 1900-                | <input type="checkbox"/> COMMUNICATIONS          | <input type="checkbox"/> INDUSTRY               | <input type="checkbox"/> POLITICS/GOVERNMENT    | <input type="checkbox"/> OTHER (SPECIFY)           |
|   |  | <input type="checkbox"/> INVENTION              |   |  |

SPECIFIC DATES

1877

BUILDER/ARCHITECT

STATEMENT OF SIGNIFICANCE

Robert M. Vogel of the Smithsonian Institution and of the Society for Industrial Archaeology declares the Lombard Street Bridge as the only bridge of its kind in existence. It is a unique, bifurcated water-main form which is an integral part in the support system for the bridge. Other water-main bridges are constructed through the use of the arch rather than the truss.

Wendel Bollman, a self-taught engineer, invented the Bollman truss (1852) which became one of the most outstanding advances in nineteenth-century bridge design. Bollman designed many bridges for the Baltimore and Ohio Railroad and for various other firms from Chile to Iowa, including Maryland. He built twelve bridges in Baltimore, including the Lombard Street Bridge which continued to carry city street traffic over the Jones Falls stream and water through the original design system after almost a century of use.

NATIONAL REGISTER OF HISTORIC PLACES  
INVENTORY - NOMINATION FORM

(Continuation Sheet) #1

|                  |      |
|------------------|------|
| STATE            |      |
| Maryland B-34    |      |
| COUNTY           |      |
| Baltimore City   |      |
| FOR NPS USE ONLY |      |
| ENTRY NUMBER     | DATE |
|                  |      |

(Number all entries)

Lombard Street Bridge

9. MAJOR BIBLIOGRAPHICAL REFERENCES, continued

Vogel, Robert M., "The Engineering Contributions of Wendel Bollman," Paper 36, United States National Museum Bulletin 240: Contributions from the Museum of History and Technology, Smithsonian Institution, Washington, D.C., 1964.

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Form No. 10-301a  
(Rev. 10-74)

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PROPERTY PHOTOGRAPH FORM**

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SEE INSTRUCTIONS IN *HOW TO COMPLETE NATIONAL REGISTER FORMS*  
TYPE ALL ENTRIES ENCLOSE WITH PHOTOGRAPH

**1 NAME**

HISTORIC  
Bollman Truss, Bollman Water-main Truss, Bollman Water Pipe Truss  
AND/OR COMMON  
Lombard Street Bridge (Preferred)

**2 LOCATION**

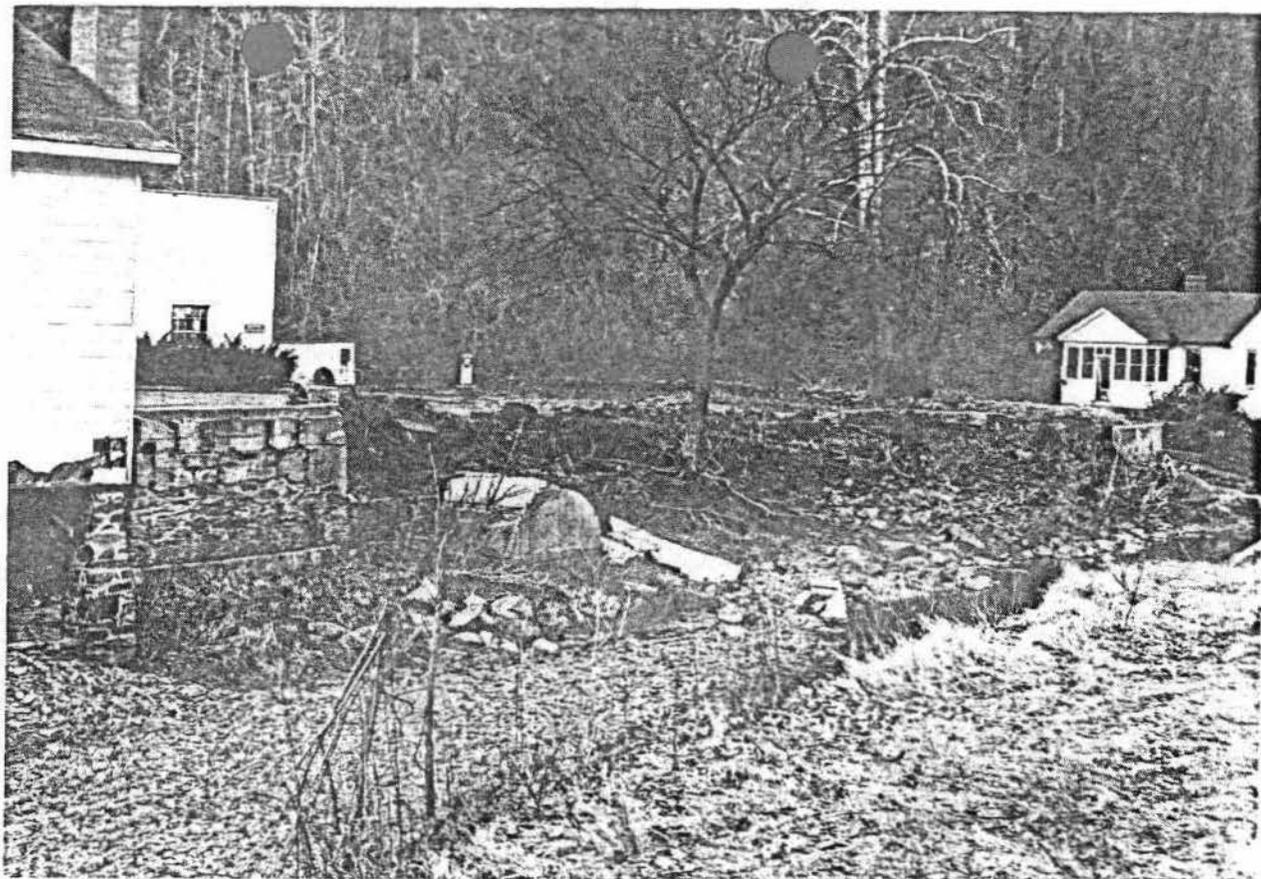
CITY, TOWN Dickeyville      VICINITY OF      COUNTY Baltimore City      STATE Md.

**3 PHOTO REFERENCE**

PHOTO CREDIT Nancy Miller      DATE OF PHOTO March 1974  
NEGATIVE FILED AT Maryland Historical Trust

**4 IDENTIFICATION**

DESCRIBE VIEW, DIRECTION, ETC. IF DISTRICT. GIVE BUILDING NAME & STREET      PHOTO NO.  
Lombard Street Bridge "in storage" on Falls Road      2



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**1 NAME**

HISTORIC  
Bollman Truss, Bollman Water-main Truss, Bollman Water Pipe Truss

AND/OR COMMON  
Lombard Street Bridge (Preferred)

**2 LOCATION**

CITY, TOWN Dickeyville VICINITY OF COUNTY Baltimore City STATE Md.

**3 PHOTO REFERENCE**

PHOTO CREDIT William Grovermann

DATE OF PHOTO March 1974

NEGATIVE FILED AT Maryland Historical Trust

**4 IDENTIFICATION**

DESCRIBE VIEW, DIRECTION, ETC. IF DISTRICT, GIVE BUILDING NAME & STREET

New site for the bridge

PHOTO NO.

1

UNITED STATES DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
**NATIONAL REGISTER OF HISTORIC PLACES**  
**PROPERTY MAP FORM**  
(Type all entries - attach to or enclose with map)

B-34

1. NAME

| COMMON                | AND/OR HISTORIC | NUMERIC CODE (Assigned by NPS) |
|-----------------------|-----------------|--------------------------------|
| Lombard Street Bridge |                 |                                |

2. LOCATION

| STATE    | COUNTY         | TOWN      |
|----------|----------------|-----------|
| Maryland | Baltimore City | Baltimore |

STREET AND NUMBER  
In Storage at Falls Road Round House Yard

3. MAP REFERENCE FORMER SITE

| SOURCE  | DATE              | SCALE   |
|---|-------------------|---------|
| Baltimore East Quad.<br>U.S.G.S. 7.5 minute map | photorevised 1966 | 1:24000 |

REQUIREMENTS: PROPERTY BOUNDARIES, WHERE REQUIRED, AND NORTH ARROW.

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