

HA-2211

Susquehanna Power Company Railroad Bridge

Architectural Survey File

This is the architectural survey file for this MIHP record. The survey file is organized reverse-chronological (that is, with the latest material on top). It contains all MIHP inventory forms, National Register nomination forms, determinations of eligibility (DOE) forms, and accompanying documentation such as photographs and maps.

Users should be aware that additional undigitized material about this property may be found in on-site architectural reports, copies of HABS/HAER or other documentation, drawings, and the “vertical files” at the MHT Library in Crownsville. The vertical files may include newspaper clippings, field notes, draft versions of forms and architectural reports, photographs, maps, and drawings. Researchers who need a thorough understanding of this property should plan to visit the MHT Library as part of their research project; look at the MHT web site (mht.maryland.gov) for details about how to make an appointment.

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Last Updated: 02-12-2013

**MARYLAND HISTORICAL TRUST
DETERMINATION OF ELIGIBILITY FORM**

NR Eligible: yes
no

Property Name: HA-2211: Susquehanna Power Company Railroad Bridge Inventory Number: HA-2211

Address: Stafford Road east of Stafford Road along the west bank of the Susquehanna River over Deer Creek Historic district: yes no

City: Rock Run vic. Zip Code: 21078 County: Harford

USGS Quadrangle(s): Aberdeen

Property Owner: _____ Tax Account ID Number: _____

Tax Map Parcel Number(s): 31 Tax Map Number: 12

Project: Conowingo Hydroelectric Relicensing Project (FERC No. 405) Agency: Federal Energy Regulatory Commission

Agency Prepared By: TRC ENVIRONMENTAL, INC.

Preparer's Name: Ellen Jenkins Date Prepared: 10/10/2011

Documentation is presented in: HISTORIC STRUCTURES REPORT FOR THE CONOWINGO HYDROELECTRIC RELICENSING APPLICATION PROJECT

Preparer's Eligibility Recommendation: Eligibility recommended Eligibility not recommended

Criteria: A B C D Considerations: A B C D E F G

Complete if the property is a contributing or non-contributing resource to a NR district/property:

Name of the District/Property: Lower Deer Creek Valley Historic District

Inventory Number: HA-1591 Eligible: yes no Listed: yes no

Site visit by MHT Staff yes no Name: _____ Date: _____

Description of Property and Justification: *(Please attach map and photo)*

Hydroelectric power production facilities were developed beginning in the early 1900s to take advantage of the Susquehanna River's force. In 1904, the York Haven Hydroelectric Station, located at Conewago Falls, was opened (Sheets 1991:210). In 1916, there were nine hydroelectric plants in Lancaster County (Roddy 1916). The Holtwood Power Plant, which began operation in 1910, was the largest producer of electricity at the time and is still a major producer of electricity for south-central Pennsylvania (Snyder and Boyle 1984). As in Pennsylvania, power plants were constructed on and along the river. The Conowingo Dam was built linking Cecil and Harford counties near Darlington between 1926 and 1928 to provide hydroelectric power (Lower Susquehanna Heritage Greenway 2006; MHT Historic Bridge Inventory Form: HA-1971).

Construction of the dam was an enormous undertaking. The lake formed by the damming of the river required rerouting of 16 miles of Pennsylvania Railroad track, demolition and relocation of the village of Conowingo, and rerouting of Baltimore Pike over the dam. On the east side, the Columbia and Port Deposit Branch of the Pennsylvania Railroad ran through the site, and only a side track needed to be constructed. However, on the west side, an 8.9-mile railroad line connecting with the main line of the Pennsylvania Railroad at Havre de Grace and utilizing the old Tidewater canal towpath was built to transport materials for building

MARYLAND HISTORICAL TRUST REVIEW	
Eligibility recommended <input type="checkbox"/>	Eligibility not recommended <input checked="" type="checkbox"/>
Criteria: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D	Considerations: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> F <input type="checkbox"/> G
MHT Comments:	
<u>Jonathan Sager</u> Reviewer, Office of Preservation Services	<u>11/30/12</u> Date
<u>Bluntze</u> Reviewer, National Register Program	<u>11/29/12</u> Date

201204714

the dam (Stone & Webster 1928: 44, 48).

Constructed in 1926, a single-track railroad, 10 miles long, was built from the Conowingo power station site to a junction with the main line of the former Baltimore & Ohio (B&O) Railroad (now CSX) in Havre de Grace. The abandoned line runs adjacent and parallel to the west bank of the Susquehanna River mainly on the tow-path of the abandoned Susquehanna and Tidewater Canal. Built to allow the Susquehanna Power Company to transport heavy equipment and materials to the dam from its connection with the B&O, this line handled about 13,000 cars and carried nearly 500,000 passengers (Stone & Webster, Inc. 1928:12). After completion of the dam in 1928, a train ran up and down the tracks once a month for inspection. In 1972, Hurricane Agnes wiped out part of the line and it was never rebuilt. Upon abandonment, the rail line became overgrown until a segment was converted to a walking trail by the Lower Susquehanna Heritage Greenway Association (Lower Susquehanna Heritage Greenway 2006). Crossing Deer Creek, the ca. 1926 two-span continuous, steel riveted through girder bridge, is supported on a concrete pier and concrete abutments with wingwalls. Since the rail line was converted to a walking trail, the bridge has been part of the footpath.

NRHP Evaluation: The bridge lies within the NRHP-listed Lower Deer Creek Valley Historic District. According to the Lower Deer Creek Valley NRHP nomination, however, the "[d]istrict boundaries were drawn specifically to exclude the Conowingo Dam and nearby Conowingo Village; these important mid 20th-century industrial sites, which may be eligible for Register listing on their own, are in concept, ownership, and use associated with Philadelphia, not with the Deer Creek Valley." Although relating to the general history of the construction of the Conowingo Dam, the former Susquehanna Power Company Railroad bridge lacks the integrity necessary to convey its historic significance. The original bridge over Deer Creek has been left as an "orphan" bereft of its physical relation to the track, siding, and roadbed. Thus the Susquehanna Power Company bridge is not a contributing resource to the NRHP-eligible Conowingo Dam (HA-1971).

References:

Lower Susquehanna Heritage Greenway.

2006 History of the Lower Susquehanna Region. Electronic Document. URL: <http://www.hitourtrails.com/history.html>, accessed November 11, 2010.

Maryland Historical Trust (MHT)

1997 Historic Bridge Inventory Form, U.S. 1 over Susquehanna River/ Conowingo Dam, Bridge 12001, HA-1971.

1993 NRHP Detail Report, Lower Deer Creek Valley Historic District, HA-1551.

2009 Standards and Guidelines for Architectural and Historical Investigations in Maryland. Crownsville, MD.

National Park Service (NPS)

1978 National Register Bulletin 24, Guidelines for Local Surveys: A Basis for Preservation Planning. Washington, D.C. Revised 1985.

1990 How to Apply the National Register Criteria for Evaluation. National Register Bulletin 15, Washington, D.C. Revised 2002.

Roddy, H. J.

MARYLAND HISTORICAL TRUST REVIEW	
Eligibility recommended _____	Eligibility not recommended _____
Criteria: ___ A ___ B ___ C ___ D	Considerations: ___ A ___ B ___ C ___ D ___ E ___ F ___ G
MHT Comments:	
_____	_____
Reviewer, Office of Preservation Services	Date
_____	_____
Reviewer, National Register Program	Date

1916 Physical and Industrial Geography of Lancaster County, Pennsylvania. Electronic document, www.heritagequestonline.com, accessed May 24, 2010.

Sheets, G.R.

1991 To the Setting of the Sun: The Story of York. Windsor Publications.

Snyder, J. J., Jr., and E. F.Boyle

1984 PHMC Historic Resources Survey Form, Holtwood Power Plant, July 1984.

Stone & Webster, Inc

1928 Conowingo Hydro-Electric Project. Self Published.

MARYLAND HISTORICAL TRUST REVIEW

Eligibility recommended _____ Eligibility not recommended _____

Criteria: ___ A ___ B ___ C ___ D Considerations: ___ A ___ B ___ C ___ D ___ E ___ F ___ G

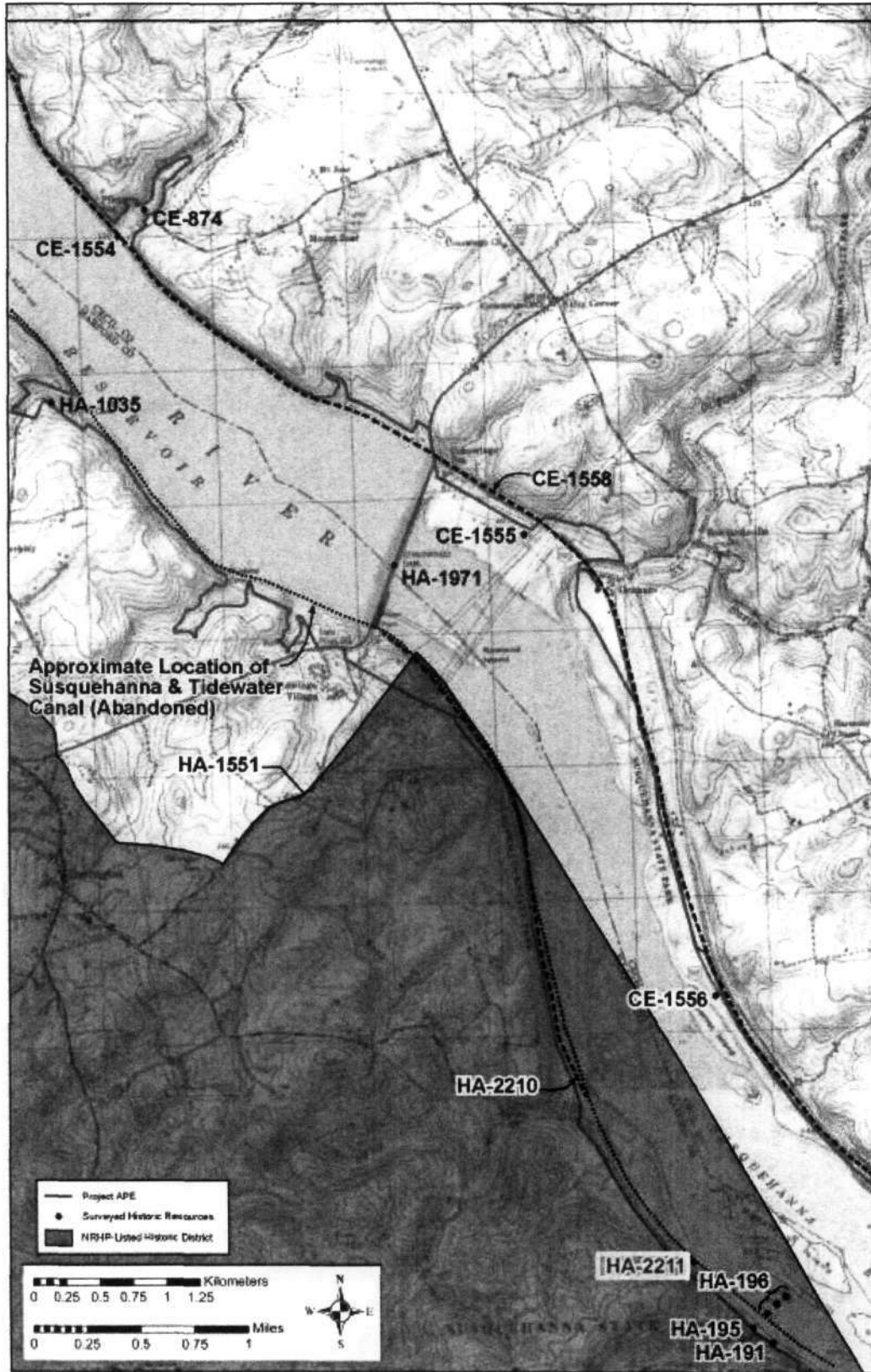
MHT Comments:

Reviewer, Office of Preservation Services

Date

Reviewer, National Register Program

Date



HA-2211 Susquehanna Power Company Railroad Bridge
Aberdeen, 1953, revised 1985 USGS Topographic Quadrangle

MIHP Number: HA-2211

Resource Name: Susquehanna Power Company Railroad Bridge

File Name	Description of View
HA-2211_2010-09-15_01.tif	Bridge, Piers, and North Abutment, Looking Northeast
HA-2211_2010-09-15_02.tif	Bridge and South Abutment, Looking East

Photos Printed with HP 100 gray photo cartridge on HP Premium Photo Paper (soft gloss)



HA-2211

Susquehanna Power Company Railroad Bridge
Hartford, MD

E. Jenkins

9-15-2010

MD SHPO

Bridge, Piers, and North Abutment, Looking Northeast
1 of 2



HA-2211

Susquehanna Power Company Railroad Bridge

Hartford, MD

E. Jenkins

9-15-2010

MD SHPO

Bridge and South Abutment, Looking East

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