

**MARYLAND HISTORICAL TRUST  
DETERMINATION OF ELIGIBILITY FORM**

NR Eligible: yes   
no

Property Name: Masonry Box Culvert E Inventory Number: 7 AA-2310  
 Address: CSXT Milepost BAA 14.35; HDR Sta. 285+00 City: \_\_\_\_\_ Zip Code: 21227  
 County: Anne Arundel USGS Topographic Map: Savage  
 Owner: CSX Transportation Is the property being evaluated a district? no  
 Tax Parcel Number: \_\_\_\_\_ Tax Map Number: \_\_\_\_\_ Tax Account ID Number: \_\_\_\_\_  
 Project: CSXT Capital Subdivision Improvements Agency: Federal Transit Administration  
 Site visit by MHT staff:  no  yes Name: \_\_\_\_\_ Date: \_\_\_\_\_  
 Is the property is located within a historic district?  yes  no

*If the property is within a district* District Inventory Number: \_\_\_\_\_  
 NR-listed district  yes Eligible district  yes Name of District: \_\_\_\_\_  
 Preparer's Recommendation: Contributing resource  yes  no Non-contributing but eligible in another context  yes

*If the property is not within a district (or the property is a district)* Preparer's Recommendation: Eligible  yes  no

Criteria:  A  B  C  D Considerations:  A  B  C  D  E  F  G  None  
 Documentation on the property/district is presented in:

**Description of Property and Eligibility Determination:** *(Use continuation sheet if necessary and attach map and photo)*  
 This well-preserved, unmortared 4' x 6' masonry culvert drains an unnamed stream crossing the Baltimore and Ohio Railroad's Main Line. There are exposed interior elements of one of culvert's wing wall abutments on the southeast side of the rail line that demonstrate details of the wall's construction.  
 The ceiling of this culvert also contains original masonry railroad ties from the B&O's construction of its Main Line in 1829-1830. Many ties show evidence of tooling to create a flat surface for the iron rails, as well as drilled holes for the insertion of rail anchors. Although a layer of concrete has been added over the culvert, it does not significantly affect the structural design integrity or historical character of the culvert.  
 Although CSX Transportation is unable to locate historic records pertaining to this structure, the use of unmortared, rough-faced granite suggests a construction date between 1832 and 1835, during the original construction of the B&O's Washington Branch. Likely designed by Benjamin Latrobe, Jr., the masonry culvert is associated with the building of the earliest common carrier railroad lines in the United States, representing the technology used to drain the B&O's track bed.  
 Because Masonry Box Culvert E is associated with the construction of both the B&O Railroad's Main Line (1829-1831) and the

<b>MARYLAND HISTORICAL TRUST REVIEW</b>	
Eligibility recommended <input checked="" type="checkbox"/>	Eligibility not recommended <input type="checkbox"/>
Criteria: <input checked="" type="checkbox"/> A <input type="checkbox"/> B <input checked="" 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 <input type="checkbox"/> None
MHT Comments	
<u>Andrew Lewis</u> Reviewer, Office of Preservation Services	<u>08/02/02</u> Date
<u>[Signature]</u> Reviewer, NR Program	<u>8/9/02</u> Date

NR-ELIGIBILITY REVIEW FORM

Masonry Box Culvert E

Page 2

AA-2310

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Washington Branch (1832-1835), is partially comprised of reused masonry ties associated with the railroad company's early experiments with rail bed technology, and has the potential to yield information about the historical development of early rail technology, it is eligible under Criteria A, C and D for listing in the National Register of Historic Places.

Prepared by: Daniel R. Pratt, HDR Engineering Date Prepared: 6/11/2002

CONTINUATION SHEET  
(Inventory Number 17)



Figure 1: Masonry Box Culvert E, looking north.

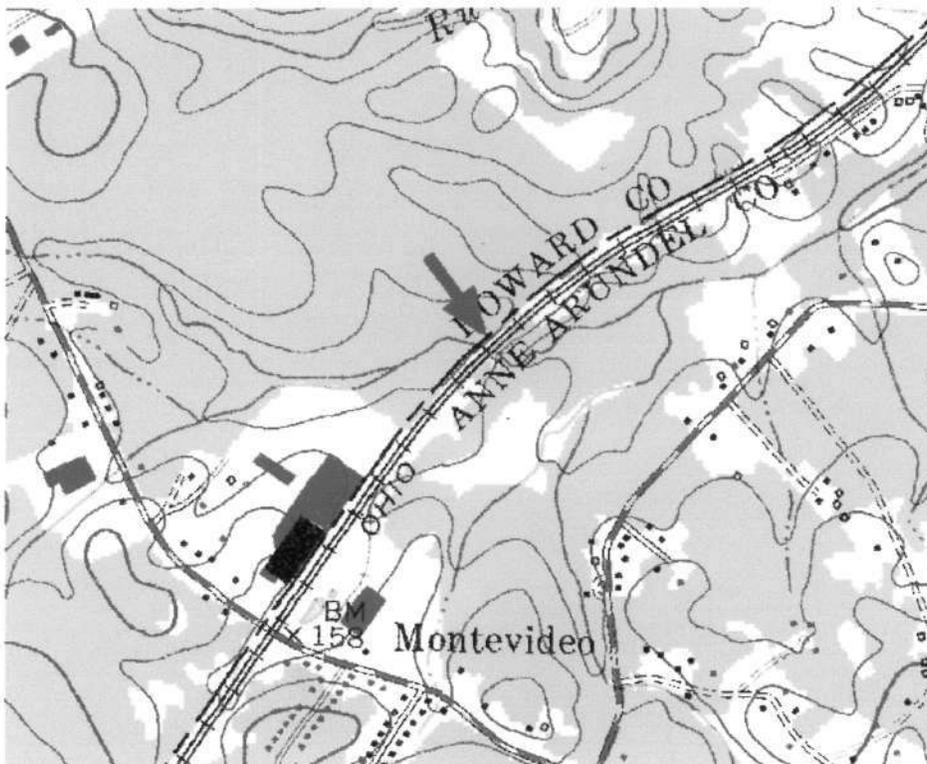


Figure 2: USGS Relay 7.5' Quadrangle Map showing property location.

CONTINUATION SHEET  
~~(Inventory Number 17)~~



Figure 3: Masonry Box Culvert E wing wall, looking southwest.

CONTINUATION SHEET



Figure 4: Masonry Box Culvert E ceiling, looking northwest. Red arrows denote drilled holes for iron rail anchors; green line denotes edge of area tooled and flattened to support iron rail.

CONTINUATION SHEET



Figure 5: Masonry Box Culvert E floor, likely composed of masonry railroad ties, looking northwest.



AA-2310

MASONRY BOX CULVERT E  
CSXT MILEPOST BAA 14.35  
ANNE ARUNDEL CO. MD

DANIEL R. PRATT

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LOOKING N

1 of 1

DOE # 17