

MARYLAND HISTORICAL TRUST
DETERMINATION OF ELIGIBILITY FORM

NR Eligible: yes ___
no ___

Property Name: BC5401 Bridge - Annapolis Road Over B/W Parkway Inventory Number: B-4573
Address: Annapolis Road over B/W Parkway City: Baltimore Zip Code: 21230
County: Baltimore City USGS Topographic Map: Baltimore West
Owner: SHA Is the property being evaluated a district? ___ yes
Tax Parcel Number: _____ Tax Map Number: 25 Tax Account ID Number: _____
Project: MagLev Agency: MTA
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

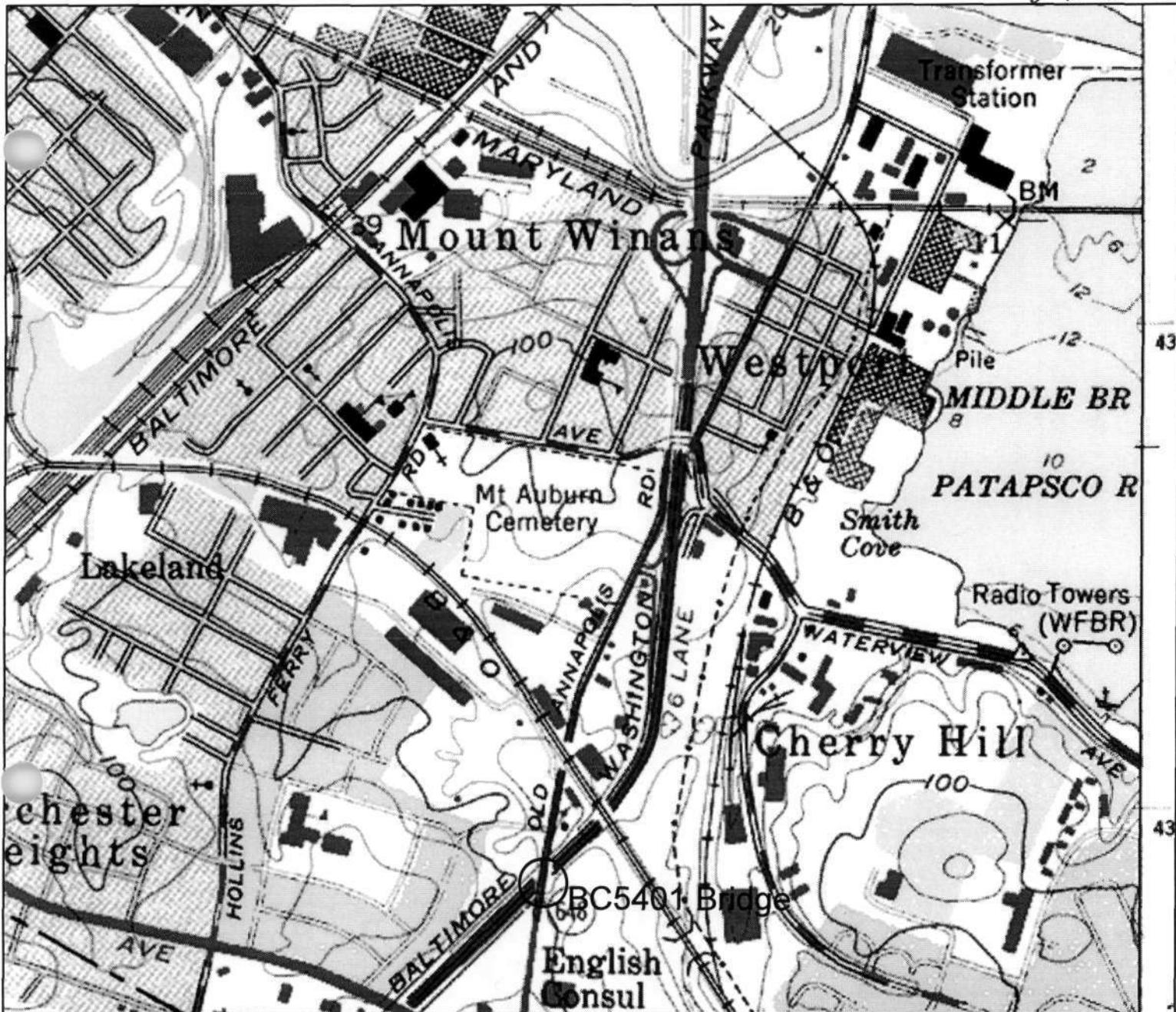
Criteria: ___ A ___ B C ___ D Considerations: ___ A ___ B ___ C ___ D ___ E ___ F ___ G None

Documentation on the property/district is presented in: B-4573 Historic Bridge Inventory

Description of Property and Eligibility Determination: *(Use continuation sheet if necessary and attach map and photo)*
Bridge inventoried as part of the SHA Statewide historic bridge survey in 1997. Eligible for listing; see attached bridge form.

Prepared by: Brian Michael Lione, EACA Date Prepared: 6/2/2002

MARYLAND HISTORICAL TRUST REVIEW
Eligibility recommended Eligibility not recommended ___
Criteria: ___ A ___ B C ___ D Considerations: ___ A ___ B ___ C ___ D ___ E ___ F ___ G ___ None
MHT Comments
Andrew Levin ✓ Reviewer, Office of Preservation Services Date 07/12/02
B. Kuntz Reviewer, NR Program Date 7/29/02



INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1975

WASHINGTON, D. C. 29 MI.

GLEN BURNIE 6.2 MI.

76°37'

ROAD CLASSIFICATION

- Heavy-duty Light-duty
- Medium-duty Unimproved dirt
- Interstate Route U. S. Route State Route

Name: BALTIMORE WEST
 Date: 6/6/2002
 Scale: 1 inch equals 1000 feet

Location: 039° 15' 19.8" N 076° 38' 17.5" W
 Caption: BC 5401 Bridge - MD 648 (Annapolis road) over B/W Parkway (MD295)



B-4573

BC5401 BRIDGE; ANNAPOLIS RD.
OVER B/W PARKWAY (MD 295)

BALTIMORE CITY, MD

B. LIONE

6 JUNE 2002

MD SUPO

VIEW SE

1/3

JUN 02 008 NNNG 9



B-4573

BC5401, Bridge; Annapolis Rte.

OVER B/w PARKWAY (MD295)

Baltimore City, Md.

B. Lione

JUN 02 252 NNNN 9.---

6 June 2002

MD SHPO

View SE

2/3



B-4573

BC5401, Bridge, Annapolis RD.

over Blw Parkway (MD 295)

Baltimore City, MD

B. Liona

6 June 2002

JUN 02 252 NNNN 10.---

MD SHPO

View SE

3/3

Maryland Historical Trust

Maryland Inventory of Historic Properties number: B-4573

Name: ANNAPOLIS RD. OVER B/W PARKWAY

The bridge referenced herein was inventoried by the Maryland State Highway Administration as part of the Historic Bridge Inventory, and SHA provided the Trust with eligibility determinations in February 2001. The Trust accepted the Historic Bridge Inventory on April 3, 2001. The bridge received the following determination of eligibility.

MARYLAND HISTORICAL TRUST	
Eligibility Recommended <input checked="" type="checkbox"/>	Eligibility Not Recommended <input 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 <input type="checkbox"/> None
Comments: _____	

Reviewer, OPS: <u>Anne E. Bruder</u>	Date: <u>3 April 2001</u>
Reviewer, NR Program: <u>Peter E. Kurtze</u>	Date: <u>3 April 2001</u>

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Maryland Inventory of Historic Properties
Historic Bridge Inventory
Maryland State Highway Administration
Maryland Historical Trust

MHT Number B-4573

Name and SHA No. BC 5401

Location:

Street/Road Name and Number: Annapolis Road over the B/W Parkway

City/Town: Baltimore Vicinity

County:

Ownership: State County X Municipal Other

This bridge projects over: X Road Railway Water Land

Is the bridge located within a designated district: yes X no

 NR listed district NR determined eligible district

 locally designated other

Name of District

Bridge Type:

 Timber Bridge

 Beam Bridge Truss-Covered Trestle

 Timber-and-Concrete

 Stone Arch

 Metal Truss

 Movable Bridge

 Swing Bascule Single Leaf Bascule Multiple Leaf

 Vertical Lift Retractable Pontoon

X Metal Girder

 Rolled Girder Rolled Girder Concrete Encased

X Plate Girder Plate Girder Concrete Encased

 Metal Suspension

 Metal Arch

Metal Cantilever

Concrete

Concrete Arch Concrete Slab Concrete Beam

Rigid Frame

Other Type Name _____

Description:

Describe Setting:

Bridge Number BC5401 carries Annapolis Road in a generally north-south direction over the Baltimore-Washington Parkway in the City of Baltimore, Maryland. The approach to the roadway is gently rising and has two lanes. The area around this bridge is urban and industrial. The structures in the vicinity of this bridge are generally from the twentieth century.

Describe Superstructure and Substructure:

Bridge Number BC5401 is a four span structure, measuring 302 feet in total length. Bridge Number BC5401 is a welded plate girder deck structure. The overall roadway width from curb to curb is 36 feet and the total deck width is 48.4 feet. There are sidewalks on both sides of the bridge and the width of each is six feet.

The superstructure is composed of a welded steel girder deck. There are four spans in the main bridge unit and no approach units. The span are 64, 87, 87, and 64 feet long. There are seven stringers in the structure. The stringer spacing averages eight feet. The floor system is composed of concrete cast-in-place with a bituminous surface. The joints are made of a steel sliding plates. There are no parapets. There is little ornamentation. There are no historical plaques.

The substructure is composed of concrete cantilever abutments and concrete wing walls. The piers and columns are also concrete. There is no ornamentation. There are no historical plaques.

The condition of this bridge is currently rated fair, with some advanced section loss, deterioration and spalling.

Discuss Major Alterations:

There has been one major alteration to this structure. This occurred in 1949 and involved a total reconstruction of all structural elements. The road surface and deck have been replaced since, but no record of this was found.

History:**When Built:** 1919 and reconstructed in 1949**Why Built:** Increased traffic density necessitated a structure with an increased load capacity.**Who Built:** State Roads Commission**Why Altered:** Safety and structure**Was this bridge built as part of an organized bridge building campaign:****Surveyor Analysis:****This bridge may have NR significance for association with:** A Events Person C Engineering/Architectural**Was this bridge constructed in response to significant events in Maryland or local history:**

World War One increased the rate of vehicular traffic throughout Maryland. This military traffic caused great damage to existing bridges, most of which were structurally designed for the new automobile and truck traffic. The Federal-Aid Road Act of July 16, 1916 provided matching funds to help alleviate the problem.

When the bridge was built and/or given a major alteration, did it have a significant impact on the growth and development of the area?

Bridge BC5401 had a significant impact on the Annapolis Road area. The ability to access the markets and employment potential of Baltimore City would have been seriously limited to locals had this bridge not been built. The steady outward growth of Baltimore City necessitated the steady growth of a sufficient transportation network. The construction of bridge BC5401 would have been a significant part of this development. The neighborhoods of Annapolis Road would have all been directly impacted.

Is the bridge located in an area which may be eligible for historic designation and would the bridge add to or detract from historic and visual character of the possible district?

Yes. Bridge BC5401 is located in an area that has had an important and significant impact on the history of Baltimore City, Maryland. The neighborhoods of English Council and Lakeland are potential historic areas. This structure served both these neighborhoods and the industry of where the locals probably worked. The inclusion of any or all of these areas would entail the inclusion of this bridge. The loss of this bridge would negatively impact the historic and visual significance of these areas.

Is the bridge a significant example of its type?

Yes. Bridge BC5401 is a significant variation of a common bridge construction type. Steel girder bridges were built prolifically across Maryland from the late nineteenth century to the present day. There is often little variation in the many of these bridges. Bridge BC5401 shows unique stylistic variations. These differences set this structure apart from other bridges of this type.

Does the bridge retain integrity of the important elements described in the Context Addendum?

The encased concrete girders and the important structural elements are original to 1949. Bridge Number BC5401 does retain important elements of its historical structural integrity. The primary character defining elements are the original welded plate girder elements. The elegant stone block abutments are also original.

Should this bridge be given further study before significance analysis is made and Why?

Bridge BC5401 should be studied further to determine its eligibility for the National Register. A Significance analysis should be made following the National Register Criteria for Evaluation.

Under criteria A, Bridge BC5401 should be studied in the context of its historical significance. This bridge can be associated with the development of the neighborhoods of English Council and Lakeland. Further study should be made to determine its significance to the pattern of events and trends toward urbanization and industrialization that are characterized by the era of its construction. A determination of the significance of its location should include the nature and origin of the property it is constructed on. This should include previous structures and the history of that area as a crossing.

Under criteria C, the distinctive characteristics of this bridge should be studied to include the type, period, and method of construction.

Under criteria D, the potential for information of Bridge BC5401 should be studied further. This structure was built during a period of intense urbanization and industrialization in Maryland and the country as a whole.

Bibliography:

Baltimore City Inspection and Bridge Files. Baltimore, Maryland.

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1900-15 Annual Report of the Chief Engineer. Baltimore, Maryland.

Baltimore City Highways Engineer
1917-24 Annual Report of the Highways Engineer. Baltimore, Maryland.

Hopkins, G.M.
1977 Atlas of Baltimore, Maryland. Philadelphia, Pennsylvania.

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1976 Bicentennial Byways: A Series of Articles on the Maryland Roads. Baltimore, Maryland.

Maryland Historic Trust
1970-95 Historic Resources Survey Form Files. Maryland Historical Trust Library. Crownsville, Maryland.

Spero, P.A.C. & Company, and Louis Berger & Associates
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State Highway Administration
1993 Bridge Inventory. Baltimore, Maryland.

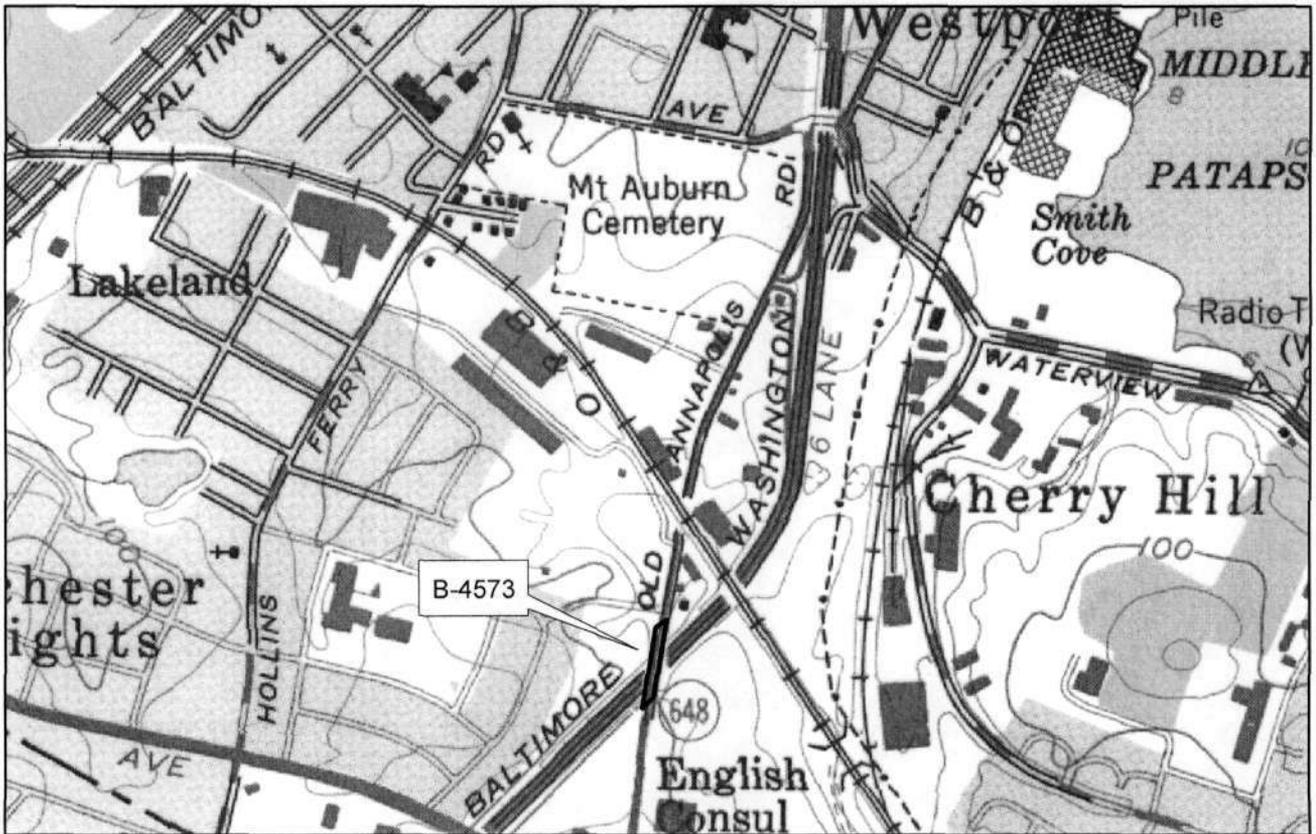
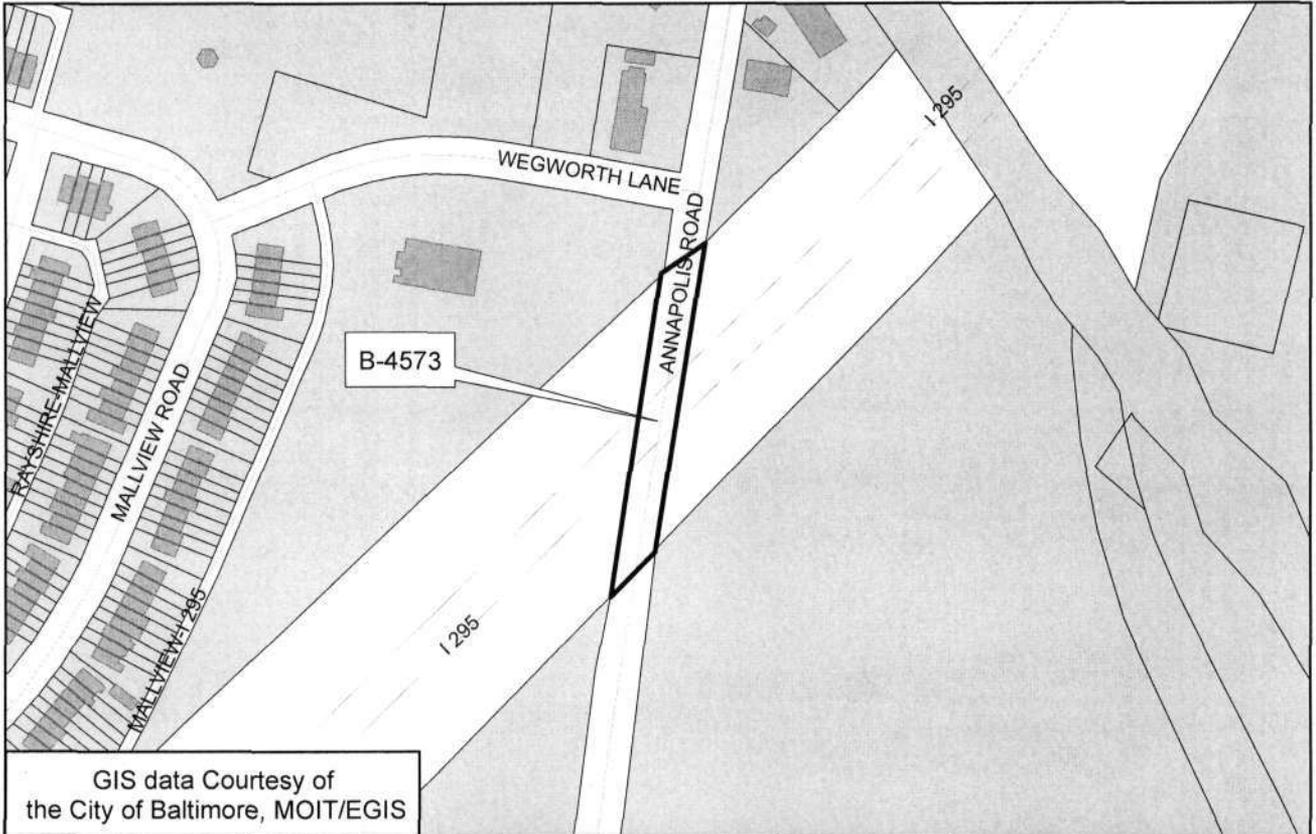
U.S. Department of the Interior
1990 National Register Bulletin Number 15. National Park Service. Washington D.C.

U.S. Department of Transportation
1991 Bridge Inspectors Manual. Federal Highway Administration. Washington D.C.

Surveyor:

Name: Andrew M. Watts **Date:** March 1996
Organization: State Highway Administration **Telephone:** (410) 321-2213
Address: 2323 West Joppa Road, Brooklandville, MD 21022

B-4573
BC4501 Bridge
Annapolis Road over Baltimore Washington Parkway
Baltimore City
Baltimore West Quad





Inventory # B-4573

5401 - ANNAPOLIS ROAD OVER BALTIMORE

Name WASHINGTON EXPRESSWAY

County/State BALTIMORE CITY / MD

Name of Photographer TIM SCHOEN

Date 1/95

Location of Negative SHA

Description NORTH APPROACH

Number 1 of 204

PHOTOGRAPHED



Inventory # B-4573

Name 5401-ANNAPOLIS ROAD OVER BALTIMORE
WASHINGTON EXPRESSWAY

County/State BALTIMORE CITY/MD

Name of Photographer TIM SCHUEN

Date 1/95

Location of Negative SHA

Description SOUTH APPROACH

Number 2 of 30 4

PHOTODUPLICATION SERVICE



Inventory # B-4573

Name 5401-ANNAPOLIS ROAD OVER BALTIMORE WASHINGTON EXPRESSWAY

County/State BALTIMORE CITY / MD

Name of Photographer TIM SCHUEN

Date 1/95

Location of Negative SHA

Description EAST ELEVATION

Number 3 of 26 4



Inventory # B-4573

Name 5401-ANNA POLS ROAD OVER
BALTIMORE WASHINGTON EXPRESSWAY

County/State _____

Name of Photographer _____

Date 1/95

Location of Negative SHA

Description WEST ELEVATION

Number 4 of 36 4

PHOTOGRAPHED BY _____