

**MARYLAND HISTORICAL TRUST
NR-ELIGIBILITY REVIEW FORM**

Property Name: Structure 02080X0 Inventory Number: AA-2279

Address: MD 648 over Cattail Creek, 500' S. of MD 648/Asbury Dr intersection, Berrywood, Anne Arundel Cty, M

Owner: Maryland State Highway Administration

Tax Parcel Number: 867 Tax Map Number: 24

Project MD 648 over Cattail Creek Agency State Highway Administration (SHA)

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

Eligibility recommended Eligibility **not** recommended

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

Is property located within a historic district? no yes Name of District: _____

Is district listed?: no yes

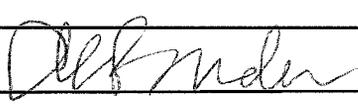
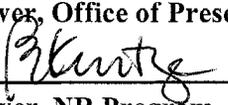
Documentation on the property/district is presented in: Project Review and Compliance Files

Description of Property and Eligibility Determination (Use continuation sheet if necessary and attach map and photo)

Structure 02080X0 is a parabolic concrete arch that spans Cattail Creek in Anne Arundel County. The arch continues into the sidewalls and has a low rise-to-span ratio. The structure consists of a single 3 1/2' span, with unornamented, solid wingwalls, and a metal guard rail across the top of the structure to address public safety issues. The structure has no known construction date and has undergone past modifications and repairs. Aside from the installation of the guard rail, in 1995 rehabilitation work installed a fish ladder at the east end outlet and Class II riprap downstream. In addition, any original parapets no longer exist.

The historic context report, Small Structures on Maryland's Roadways, indicates that concrete arches are not common on the state's roadways and most date between the second decade of the twentieth century and World War II. The report also notes that the State Roads Commission's Standard Plans did not include concrete arches, and the beam-and-slab and pipe quickly became standard in lieu of the concrete arch. The report's consideration of the National Register eligibility of concrete arches determines that they could be eligible under Criterion C if all character-defining elements are present. These elements include an arch ring, barrel, concrete parapet or railing, abutments, and

Prepared by Kelly Steele Architectural Historian SHA

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|---|--|
| 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 | Consideration <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, Office of Preservation Services | _____ Date 6/7/2000 |
|  _____ Reviewer, NR Program | _____ Date 6/6/00 |

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NR-ELIGIBILITY REVIEW FORM

Structure 02080X0

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wingwalls. Structure 02080X0 has suffered past additions and alterations, and the remaining design elements are compromised by the surrounding additions of the metal guard rail, the road surface, and the fish ladder. The history of alterations and the lack of remaining character-defining elements have diminished the integrity of structure 02080X0.

Given these considerations, structure 020820 is not eligible for inclusion in the National Register of Historic Places.

**PRESERVATION VISION 2000; THE MARYLAND PLAN
STATEWIDE HISTORIC CONTEXTS**

I. Geographic Region:

- Eastern Shore (all Eastern Shore counties, and Cecil)
- Western Shore (Anne Arundel, Calvert, Charles, Prince George's and St. Mary's)
- Piedmont (Baltimore City, Baltimore, Carroll, Frederick, Harford, Howard, Montgomery)
- Western Maryland (Allegany, Garrett and Washington)

II. Chronological/Developmental Periods:

- Rural Agrarian Intensification A.D. 1680-1815
- Agricultural-Industrial Transition A.D. 1815-1870
- Industrial/Urban Dominance A.D. 1870-1930
- Modern Period A.D. 1930- Present
- Unknown Prehistoric
- Unknown Historic

IV. Historic Period Themes:

- Agriculture
- Architecture, Landscape Architecture, and Community Planning
- Economic (Commercial and Industrial)
- Government/Law
- Military
- Religion
- Social Educational/Cultural
- Transportation

V. Resource Type:

Category: Structure

Historic environment: Rural

Historic Function(s) and Use(s): Transportation/road-related

Known Design Source: n/a

Eligibility/Status Table

Project Name: MD 648: Over Cattail Creek

April 11, 2000

| Resource | Type | SHA NR Determination | SHPO Opinion | Alternate | Attachment | Remarks |
|--|-------------|-----------------------------|---------------------|------------------|-------------------|----------------|
| Structure 02080X0 Parabolic Concrete Arch | S | X | | | | |

Codes:

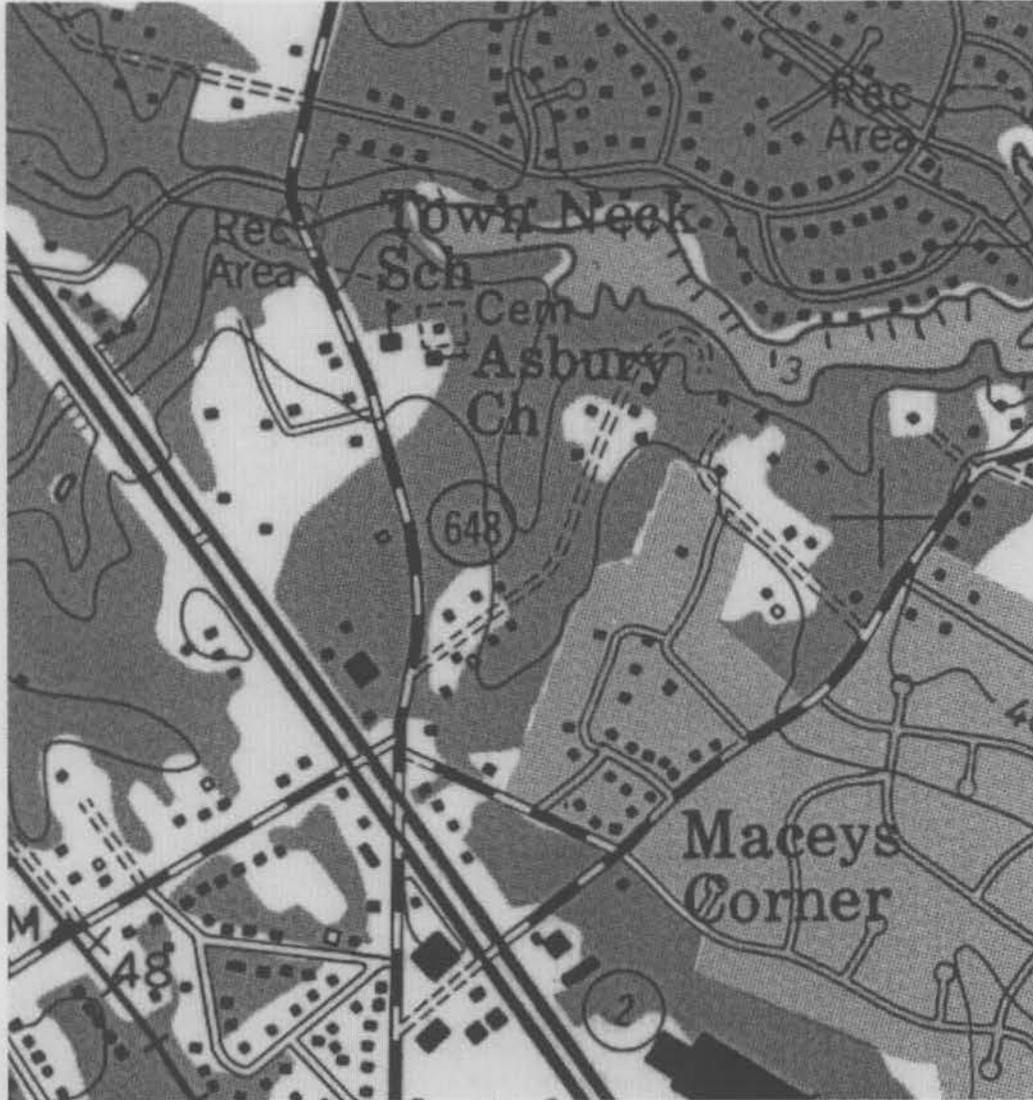
Resource Types: S (Structure), A (Archeological Site), HD (Historic District), NHL (National Historic Landmark)

NR Determination: ND (Not Determined), X (Not Eligible), NR (Eligible), NRL (Listed), NHL (Landmark)

SHPO Opinion: (B) designates opinion regarding boundary, Code following date signifies SHPO opinion

Bold rows indicate review action requested

AA-2279



AA- 2279
Structure 02080XO
Berrywood
Anne Arundel County
Round Bay Quad



1. DOE AA-2279

2. Structure 02060007

3. Area Area in mg

4. Kelly Stroh

5. April 2000

6. MD SHPO

7. View of structure from MD 148 facility
~~east~~, section along Adams Drive

8. of 5



1. JOE AA-2279

2. Structure 02080X0

3. Anne Arundel, MD

4. Kelly Steele

5. April 2000

6. MD SHPO

7. View west from Asbury Drive at structure

8. 2 of 5



1. DOE AA-2279

2. Structure 0208070

3. Anne Arundel, MD

4. City Streets

5. April 2000

6. N D Skpo

7. View east from Asbury Drive at structure

8. 41 of 5



1. JOE AA-2279

2. Structure 02080X0

3. Anne Arundel, MD

4. Kelly Steele

5. April 2000

6. MD SHPO

7. View of west headwall

8. 3 of 5



1. DOE AA-2279
2. Structure 02080X0
3. Anne Arundel, MD
4. Kelly Steeb
5. April 2000
6. MD SHPO
7. View of east headwall
8. 5 of 5