



# ASSESSMENT OF ACTIONS HAVING AN EFFECT ON HISTORIC PROPERTIES

## A. DESCRIPTION OF UNDERTAKING

1. **Park:** Minute Man National Historical Park

### 2. Project Description:

**Project Name:** LRF - Rehabilitate and Repair North Bridge Trail

**Prepared by:** Simone Monteleone    **Date Prepared:** 08/11/2022    **Telephone:** 978-318-7811

**PEPC Project Number:** 111384

#### Locations:

**County, State:** Middlesex, MA

**District, Section:** North Bridge Unit,

#### Describe project:

This project will rehabilitate and repair the North Bridge Trail, especially to address longstanding issues with erosion and ponding. Work is expected to include repairs to the trail surface as well as addition of waterbars and bioswales. Work will also include replacement of failing benches and trees missing from the allee. The contractor will be required to obtain all necessary permits related to the Massachusetts Wetlands Protection Act and the Massachusetts Endangered Species Act.

#### Area of potential effects (as defined in 36 CFR 800.16[d])

The APE is comprised of the trail and adjacent areas within the North Bridge Unit.

### 3. Has the area of potential effects been surveyed to identify historic properties?

No

Yes

**Source or reference:**

### 4. Potentially Affected Resource(s):

**Archeological Resources Present:** Yes

**Property Name:** Grave and Monument to British Soldiers    **LCS:** 006544    **ParkID:** 5-112-F    **Asset:** 63957

**Location:** Concord

**Historical Structures/Resources Present:** Yes

**Property Name:** North Bridge    **LCS:** 000945    **ParkID:** 5-112-A    **Asset:** 63960

**Location:** Concord

**Property Name:** System of Stone Walls [Monument Street]    **LCS:** 040205    **ParkID:** 5-131-B

**Location:** Monument Street, Concord

**Property Name:** Stone Walls Flanking the Avenue to the North Bridge    **LCS:** 040211    **ParkID:** 5-122-I

**Location:** Monument Street, Concord

**Property Name:** Stedman Buttrick House    **LCS:** 040024    **ParkID:** 5-122-A    **Asset:** 63675

**Location:** 174 Liberty Street, Concord

**Property Name:** System of Stone Walls [Liberty Street] **LCS:** 040200 **ParkID:** 5-130-D  
**Location:** Liberty Street, Concord

**Property Name:** The Minute Man **LCS:** 006545 **ParkID:** 5-112-B **Asset:** 63956  
**Location:** Liberty Street, Concord

**Property Name:** System of Stone Walls [North Bridge Area] **LCS:** 040210 **ParkID:** 5-123-A  
**Location:** Concord

**Property Name:** The Minute Man Enclosure Fence **LCS:** 040204 **ParkID:** 5-112-G **Asset:** 63966  
**Location:** Concord

**Cultural Landscapes Present:** Yes

**Property Name:** North Bridge Landscape **LCS:** **Asset:** 65324  
**Location:** Concord

**Ethnographic Resources Present:** Yes

#### 5. The proposed action will: (check as many as apply)

- No Destroy, remove, or alter features/elements from a historic structure
- Yes Replace historic features/elements in kind
- Add non-historic features/elements to a historic structure
- Yes Alter or remove features/elements of a historic setting or environment (inc. terrain)
- Yes Add non-historic features/elements (inc. visual, audible, or atmospheric) to a historic setting or cultural landscape
- No Disturb, destroy, or make archeological resources inaccessible
- No Disturb, destroy, or make ethnographic resources inaccessible
- Yes Potentially affect presently unidentified cultural resources
- No Begin or contribute to deterioration of historic features, terrain, setting, landscape elements, or archeological or ethnographic resources
- No Involve a real property transaction (exchange, sale, or lease of land or structures)
- Other (please specify): \_\_\_\_\_

#### 6. Supporting Study Data:

(Attach if feasible; if action is in a plan, EA or EIS, give name and project or page number.)

#### B. REVIEWS BY CULTURAL RESOURCE SPECIALISTS

The park 106 coordinator requested review by the park's cultural resource specialist/advisors as indicated by check-off boxes or as follows:

#### [ X ] 106 Advisor

**Name:** Nicole Walsh

**Date:** 01/23/2023

**Comments:** Contracted archaeological investigations are currently underway. These results will inform design.

**Check if project does not involve ground disturbance** [  ]

**Assessment of Effect:**  No Potential to Cause Effect  No Historic Properties Affected  No Adverse Effect  Adverse Effect  Streamlined Review

**Recommendations for conditions or stipulations:**

**Doc Method:** Standard 4-Step Process

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[ X ] **106 Advisor**

**Name:** Victoria Cacchione

**Date:** 12/09/2022

**Check if project does not involve ground disturbance** [  ]

**Assessment of Effect:**  No Potential to Cause Effect  No Historic Properties Affected  No Adverse Effect  Adverse Effect  Streamlined Review

**Recommendations for conditions or stipulations:**

**Doc Method:** Standard 4-Step Process

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[ X ] **Anthropologist**

**Name:** Athena Zissis

**Date:** 02/16/2024

**Comments:** The Mashpee Wampanoag Tribe expressed interest in Native American archaeological resources, waterways, and bends in rivers. They have also expressed interest in Elm Brook, Mill Brook, and have shown interest in monitoring areas of tribal concern.

Archaeological investigations are ongoing and will inform design.

**Check if project does not involve ground disturbance** [  ]

**Assessment of Effect:**  No Potential to Cause Effect  No Historic Properties Affected  No Adverse Effect  Adverse Effect  Streamlined Review

**Recommendations for conditions or stipulations:** Consult with THPOs on archaeological results and how the park intends to use that information to inform design. Affiliated tribal nations may request to monitor construction activities.

**Doc Method:** Standard 4-Step Process

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[ X ] **Archeologist**

**Name:** Matthew Flynn

**Date:** 01/24/2023

**Comments:** Reviewed current plans along with Joel Dukes on 1.19

Concur with findings. Testing to take place and inform further design.

Update 2/16/24:

North Bridge design updates appear predominantly in line with previous design and fit within the established and tested APE. Based on the investigations conducted by PAL, area of primary sensitivity is work being done East of the bridge. Work West of the bridge requires no further review.

**Check if project does not involve ground disturbance** [  ]

**Assessment of Effect:**  No Potential to Cause Effect  No Historic Properties Affected  No Adverse Effect  Adverse Effect  Streamlined Review

**Recommendations for conditions or stipulations:** Archeological monitors should be present for ground disturbing

work East of the bridge with particular focus on the areas of bioswale. Archeological monitoring would be designed to identify significant cultural features and artifacts that may require further investigations.

**Doc Method:** Standard 4-Step Process

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**[ X ] Archeologist**

**Name:** Joel Dukes

**Date:** 08/12/2022

**Comments:** The area around North Bridge has been identified as archaeologically sensitive. An archaeological testing plan has been developed for the APE prior to ground disturbance identified for the rehabilitation plan. The testing will be completed through a contract.

1.19.2023 Contracted archaeological investigations that includes shovel testing and metal detection of the North Bridge trail is taking place. The results of the testing will be used to guide design of subsurface drainage improvements along north bridge trail.

2.20.2024 PAL produced a June 2023 Technical Memorandum detailing the results of archaeological investigations at North Bridge. Precontact Materials, 18th-19th historic farmstead refuse, and items related to the April 19, 1775 fighting were recovered on the east side of the North Bridge. PAL recommended monitoring on the east side during bioswale and drainage excavations. Precontact materials and 17th-20th century historic farm refuse were recovered on the west side of the bridge. The west side demonstrated poor integrity and PAL did not believe the project would affect significant pre or post contact archaeological resources.

Reviewed 4.9.2024 trail design reviewed, impacts associated with bioswales and drainage issues have been significantly reduced. Excavations below 8 inches (like the dry wells adjacent to Monument Street) should still be archaeologically monitored. Disturbance associated with rehabilitation of the west side of the river does not require additional archaeological investigations. No additional archaeological investigations are needed prior to rehabilitation. J. Dukes 4.30.2024

**Check if project does not involve ground disturbance [ ]**

**Assessment of Effect:** \_\_\_No Potential to Cause Effect \_\_\_No Historic Properties Affected  X No Adverse Effect \_\_\_Adverse Effect \_\_\_Streamlined Review

**Recommendations for conditions or stipulations:** Please submit for additional review if the design changes.

2.20.2024, I concur with the PAL recommendations for monitoring on the east side. No additional archaeological investigations are needed on the west side. 4.30.2024. If there are in-field decisions to exceed excavation depths identified in design the modification should be submitted for review. If archaeological resources are encountered during rehabilitation please contact NARP archaeologist Joel Dukes.

**Doc Method:** Standard 4-Step Process

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**[ X ] Historical Landscape Architect**

**Name:** H Eliot Foulds

**Date:** 01/20/2023

**Comments:** In review of 9 April 2024 drawings marked "Issued for Construction" - the proposed program of work to rehabilitate and repair the North Bridge trail will have No-Adverse Effect on the general characteristics or specific landscape features that make the park landscape eligible for the National Register of Historic Place. The current 4/9/2024 drawings take a conservative approach toward repairing the drainage function of this historic route, and the proposal has been refined to preserve the historic landscape character. Thank you for the invitation to comment, and best wishes as the park undertakes this important landscape preservation project.

**Check if project does not involve ground disturbance [ ]**

**Assessment of Effect:** \_\_\_No Potential to Cause Effect \_\_\_No Historic Properties Affected  X No Adverse Effect \_\_\_Adverse Effect \_\_\_Streamlined Review

**Recommendations for conditions or stipulations:**

**Doc Method:** Standard 4-Step Process

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**No Reviews From:** Curator, Historical Architect, Historian, Other Advisor

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### C. PARK SECTION 106 COORDINATOR'S REVIEW AND RECOMMENDATIONS

#### 1. Assessment of Effect:

No Potential to Cause Effects  
 No Historic Properties Affected  
 No Adverse Effect  
 Adverse Effect

#### 2. Documentation Method:

**A. Standard 36 CFR Part 800 Consultation**

Further consultation under 36 CFR Part 800 is needed.

**B. Streamlined Review Under the 2008 Servicewide Programmatic Agreement (PA)**

The above action meets all conditions for a streamlined review under section III of the 2008 Servicewide PA for Section 106 compliance.

#### Applicable Streamlined Review Criteria

(Specify 1-16 of the list of streamlined review criteria.)

**C. Undertaking Related to Park Specific or Another Agreement**

The proposed undertaking is covered for Section 106 purposes under another document such as a park, region or statewide agreement established in accord with 36 CFR 800.7 or 36 CFR 800.14.

**D. Combined NEPA/NHPA Process**

Process and documentation required for the preparation of an EA/FONSI or an EIS/ROD to comply with Section 106 is in accord with 36 CFR 800.8.c.

**E. Memo to Project File**

#### 3. Consultation Information

**SHPO Required:** Yes

**SHPO Sent:** May 3, 2024

**SHPO Received:**

**THPO Required:** Yes

**THPO Sent:** May 3, 2024

**THPO Received:**

**SHPO/THPO Notes:** Consultation initiation sent 6/17/22 to SHPO/THPO/Towns. David Weeden from Mashpee Wampanoag Tribe responded via email on 8/4/2022. Response was focused on project phase associated with Battle Road unit along with a general statement about concern for ground disturbing exercises. Concerns focused on trail and septic work rather than landscape work.

**Advisory Council Participating:** No

**Advisory Council Notes:**

**Additional Consulting Parties:** Yes

**Additional Consulting Parties Notes:** Town of Concord; Presentation made to Town's Historical Commission in July 2022 with package submitted on June 17, 2022. Additional consultation with the Town will be executed during next phase of design. 1963 agreement between the Town and the NPS requires "approval" from the Town.

**4. Stipulations and Conditions:** Following are listed any stipulations or conditions necessary to ensure that the assessment of effect above is consistent with 36 CFR Part 800 criteria of effect or to avoid or reduce potential adverse effects.

Archeological monitoring is required for ground-disturbing activities on the east side of the Concord River.

**5. Mitigations/Treatment Measures:** Measures to prevent or minimize loss or impairment of historic/prehistoric properties: (Remember that setting, location, and use may be relevant.)

No Assessment of Effect mitigations identified.

**6. Assessment of Effect Notes:**

Please note consultation via the signed PA (December 2021) will be in two phases with schematic designs shared in June 2022. Additional designs will be shared when available in late 2022 for additional comment.

**D. RECOMMENDED BY PARK SECTION 106 COORDINATOR:**

**Compliance Specialist:**

**NHPA Specialist**

Nicole Walsh \_\_\_\_\_

**Date:** \_\_\_\_\_

**E. SUPERINTENDENT'S APPROVAL**

The proposed work conforms to the NPS *Management Policies* and *Cultural Resource Management Guideline*, and I have reviewed and approve the recommendations, stipulations, or conditions noted in Section C of this form.

**Signature**

**Superintendent:** \_\_\_\_\_

**Date:** \_\_\_\_\_

Simone Monteleone