ENVIRONMENTAL SCREENING FORM (ESF)

Updated Sept 2015 per NPS NEPA Handbook

A. PROJECT INFORMATION

Project Title: LEWI Parkwide Trail Maintenance (Programmatic CE 2022-2026)
PEPC Project Number: 98387
PMIS Number:
Project Type: Cyclic Maintenance (CYC)
Project Location:
County, State: Clatsop, Oregon
County, State: Pacific, Washington
Project Leader: Colby Mackley

B. PROJECT DESCRIPTION

Lewis and Clark National Historical Park manages and maintains over seventeen miles of pedestrian trails and approximately 1.75 miles of trail also open to bicycles. Trail users vary from unplanned one-time interpretive tours to frequent recreational use by local residents. These trails are continuously subjected to the effects of use, erosion, vegetation encroachment, and weather events. Routine and recurring (i.e. weekly, monthly, annually) maintenance in needed to keep these park assets in good operating condition and safe for park visitors and staff. The National Park Service will conduct routine and recurring maintenance of park managed trails throughout the year for five years (2022-2026). The work would be confined to park designated trails and ground disturbance, outside of previously disturbed areas, is not anticipated:

1. In-kind re-grading, graveling, or other maintenance treatments within existing alignments;

2. Cleaning and repairs of existing trail features (e.g., water bars, steps, check dams, culverts, causeways, retaining walls) using rock and/or wood and rock aggregate;

3. Blocking, eliminating and/or re-vegetating social trails. Appropriate vegetation would be provided by the park staff or an approved partner when needed;

4. Trimming vegetation, cutting roots within the existing trail corridors, and remove encroaching vegetation, where appropriate;

5. Staging materials, tools, and equipment within trail areas or other previously disturbed locations (parking lots, turn-outs);

6. Posting temporary signs along the existing trail corridors as needed (e.g., danger notices and keep off vegetation);

7. Maintenance and in-kind replacement of existing trail signs, wayside exhibits, benches, boardwalks, and handrails;

8. Removal of artificial materials on the trails (e.g., geotextiles, treated lumber) where possible;

9. Use of hand tools, power tools (e.g., chain saws, rock drills), and a utility task vehicle (UTV), when appropriate.

The following Best Management Practices (BMPs) will be followed at all times:

1. Equipment will be inspected and cleaned between locations to prohibit the spread of invasive plant propagules. 2. Straw wattles or other sediment control devices will be used to keep run-off and sediment from entering any nearby waterbodies or wetlands. 3. Culverts will be checked for salamanders and other wildlife prior to cleaning, and wildlife will be gently relocated to nearby equivalent habitat prior to cleaning. 4. In accordance with in-water work windows designated by the Oregon Department of Fish and Wildlife, culverts within tidally influenced waters will only be cleaned between November 1-February 28, and within non-tidally influenced waters July 1 - September 15. 5. All debris resulting from trail maintenance activities will be scattered into the surrounding landscape in such a manner that it will not be visible from the trail, and will not bury existing plant communities. 6. Any herbicide use will be done in coordination with the park Integrated Pest Management (IPM) Coordinator, and not until it is officially approved in the Pesticide Use Proposal System (PUPs).

It is determined that this action can be documented under a Categorical Exclusion, in accordance with the National Environmental Policy Act (NEPA) and NPS policies. In addition, this project has gone through the standard review process under Section 106 of the National Historic Preservation Act. It has been determined, in consultation with the State Historic Preservation Officer and associated American Indian Tribes that this project would have No Adverse Effect on historic properties. This programmatic compliance will be reviewed biannually; projects would be implemented 2022 through 2026.

If the scope and complexity of the proposed project is beyond what is described above, then the project would be submitted to the Interdisciplinary Team (IDT) for review and compliance; Further consultation with the USFWS, NOAA, SHPO, tribes and/or PWR CR team may be required.

Prior to any work commencing park Interpretation staff will be consulted concerning disruptions to visitor use areas and the visitor center.

Prior to any work commencing park Resources Program Lead will be consulted concerning the need and scheduling of inspections for invasive species, or impacts to imperiled species, habitats, and/or cultural resources.

C. RESOURCE IMPACTS TO CONSIDER:

Resource	Potential for Impact	Potential Issues & Impacts
Air Air Quality	None	
Biological Nonnative or Exotic Species *plant communities*	Potential	Issue: spread of non-native, invasive plants through propagules attaching to equipment Impact: could negatively impact native plant and animal communities
Biological Species of Special Concern or Their Habitat *Salmonids and amphibians*	Potential	Issue: water quality and habitat impacts Impact: culvert cleaning could have direct adverse impact on fish or amphibians within the culverts. Trail work could cause sedimentation and reduced water quality to in-stream habitats
Biological Vegetation	Potential	Issue: destruction of trailside plant communities

trailside plant communities		Impact: when trail brushing and clearing occurs, vascular and non-vascular plant communities immediately adjacent to the trail could be smothered with debris if debris is not scattered into woods away from trail
Biological Wildlife and/or Wildlife Habitat including terrestrial and aquatic species *springs, wetlands, seeps, ephemeral and perennial creeks and streams*	Potential	Issue: trails in the park cross numerous creeks, seeps, wetlands, and other wet habitats which provide habitat to amphibians, fish, and invertebrates. Potential impacts to water quality and wildlife habitat Impact: If BMPs are not followed, sedimentation could result in immediate habitat destruction and/or reduced water quality.
Cultural Archeological Resources *Middle Village archaeological site*	Potential	Issue: some work may occur within site boundaries Impact: disturbance of subsurface archaeological resources
Cultural Cultural Landscapes *Fort Clatsop cultural landscape*	Potential	Issue: some work may occur within cultural landscape boundaries Impact: visual and viewshed impacts to cultural landscape
Cultural Ethnographic Resources *unidentified ethnographic resources*	Potential	Issue: although no ethnographic resources have been specifically identified, proposed work could effect traditional resources Impact: trail brushing and clearing can impact plant resources that are traditionally important to Native groups
Cultural Museum Collections	None	
Cultural Prehistoric/historic structures	None	
Geological Geologic Features	None	
Geological Geologic Processes		
Lightscapes Lightscapes	None	
Other Human Health and Safety	None	
Paleontological Paleontological Resources	None	
Socioeconomic Land Use	None	

Socioeconomic Minority and low-income populations, size, migration patterns, etc.	None	
Socioeconomic Socioeconomic	None	
Soundscapes Soundscapes *soundscape*	Potential	Issue: noise from trail work , tool use Impact: duration and level should be minimal
Viewsheds Viewsheds *trailside viewsheds*		Issue: appearance of natural ecosystems and plant communities Impact: if debris is piled alongside trails, or cut stumps are showing, the sense of walking through a natural landscape could be diminished
Visitor Use and Experience Recreation Resources *trail access*	Potential	Issue: disruption of trail access Impact: small disruptions may occur as different sections of trails are worked on, but there are multiple opportunities for other trails to be used
Visitor Use and Experience Visitor Use and Experience	None	
Water Floodplains *Lewis and Clark River floodplain*	Potential	Issue: water quality, native plant communities Impact: trail work that occurs within the floodplain of the Lewis and Clark River has the potential to decrease water quality and damage wetland plant communities. BMPs will be followed to prevent any negative impact to these resources.
Water Marine or Estuarine Resources *Columbia River Estuary*	Potential	Issue: The Lewis and Clark River is within the greater Columbia River estuary Impact: trail work that occurs within the floodplain of the Lewis and Clark River has the potential to decrease water quality and damage wetland plant communities. BMPs will be followed to prevent any negative impact to these resources.
Water Water Quality or Quantity *water quality throughout the park*	Potential	Issue: decreased water quality may occur through sedimentation and run-off from trail resurfacing, repair, and equipment use. Impact: trail work throughout the park has the potential to decrease water quality in various small and large intermittent and ephemeral streams and water bodies. BMPs will be followed to prevent any negative impact to these resources.
Water Wetlands *jurisdictional and non-jurisdictional wetlands*	Potential	Issue: a variety of wetland, from very small freshwater pocket wetlands to large estuarine systems, occur throughout the project area Impact: If BMPs are not followed, wetland plant communities, soils, and the wildlife therein may be damaged from direct impacts through

		trampling, staging, etc., and/or indirect impacts through sedimentation, or invasive plant promotion. BMPs will be followed to eliminate these potential impacts.

D. ESF ADDENDUM QUESTIONS:

Question	Answer	Notes

IDT Team Members:

Carla Cole - NEPA Specialist
Colby Mackley - Project Leader
Rachel Stokeld - NHPA Specialist

Reviewers:
Carla Cole
Rachel Stokeld

Optional Signatures:

Compliance Specialists:

NEPA CARLA COLE Digitally signed by CARLA COLE Date: 2022.07.12 17:21:06 -07'00' **Date:** _____

Carla Cole

NHPA RACHEL STOKELD Digitally signed by RACHEL STOKELD Date: 2022.07.12 15:28:47 -07'00' **Date:** _____

Rachel Stokeld

Approved:

Superintendent: JONATHON BURPEE Digitally signed by JONATHON BURPEE Date: 2022.07.12 16:29:40 -07'00' **Date:** _____

Categorical Exclusion Documentation Form (CE Form)

Project: LEWI Parkwide Trail Maintenance (Programmatic CE 2022-2026)
PEPC Project Number: 98387
Description of Action (Project Description):

Lewis and Clark National Historical Park manages and maintains over seventeen miles of pedestrian trails and approximately 1.75 miles of trail also open to bicycles. Trail users vary from unplanned one-time interpretive tours to frequent recreational use by local residents. These trails are continuously subjected to the effects of use, erosion, vegetation encroachment, and weather events. Routine and recurring (i.e. weekly, monthly, annually) maintenance in needed to keep these park assets in good operating condition and safe for park visitors and staff. The National Park Service will conduct routine and recurring maintenance of park managed trails throughout the year for five years (2022-2026). The work would be confined to park designated trails and ground disturbance, outside of previously disturbed areas, is not anticipated:

1. In-kind re-grading, graveling, or other maintenance treatments within existing alignments;

2. Cleaning and repairs of existing trail features (e.g., water bars, steps, check dams, culverts, causeways, retaining walls) using rock and/or wood and rock aggregate;

3. Blocking, eliminating and/or re-vegetating social trails. Appropriate vegetation would be provided by the park staff or an approved partner when needed;

4. Trimming vegetation, cutting roots within the existing trail corridors, and remove encroaching vegetation, where appropriate;

5. Staging materials, tools, and equipment within trail areas or other previously disturbed locations (parking lots, turn-outs);

6. Posting temporary signs along the existing trail corridors as needed (e.g., danger notices and keep off vegetation);

7. Maintenance and in-kind replacement of existing trail signs, wayside exhibits, benches, boardwalks, and handrails;

8. Removal of artificial materials on the trails (e.g., geotextiles, treated lumber) where possible;

9. Use of hand tools, power tools (e.g., chain saws, rock drills), and a utility task vehicle (UTV), when appropriate.

The following Best Management Practices (BMPs) will be followed at all times:

1. Equipment will be inspected and cleaned between locations to prohibit the spread of invasive plant propagules. 2. Straw wattles or other sediment control devices will be used to keep run-off and sediment from entering any nearby waterbodies or wetlands. 3. Culverts will be checked for salamanders and other wildlife prior to cleaning, and wildlife will be gently relocated to nearby equivalent habitat prior to cleaning. 4. In accordance with in-water work windows designated by the Oregon Department of Fish and Wildlife, culverts within tidally influenced

waters will only be cleaned between November 1-February 28, and within non-tidally influenced waters July 1 - September 15. 5. All debris resulting from trail maintenance activities will be scattered into the surrounding landscape in such a manner that it will not be visible from the trail, and will not bury existing plant communities. 6. Any herbicide use will be done in coordination with the park Integrated Pest Management (IPM) Coordinator, and not until it is officially approved in the Pesticide Use Proposal System (PUPs).

It is determined that this action can be documented under a Categorical Exclusion, in accordance with the National Environmental Policy Act (NEPA) and NPS policies. In addition, this project has gone through the standard review process under Section 106 of the National Historic Preservation Act. It has been determined, in consultation with the State Historic Preservation Officer and associated American Indian Tribes that this project would have No Adverse Effect on historic properties. This programmatic compliance will be reviewed biannually; projects would be implemented 2022 through 2026.

If the scope and complexity of the proposed project is beyond what is described above, then the project would be submitted to the Interdisciplinary Team (IDT) for review and compliance; Further consultation with the USFWS, NOAA, SHPO, tribes and/or PWR CR team may be required.

Prior to any work commencing park Interpretation staff will be consulted concerning disruptions to visitor use areas and the visitor center.

Prior to any work commencing park Resources Program Lead will be consulted concerning the need and scheduling of inspections for invasive species, or impacts to imperiled species, habitats, and/or cultural resources.

Project Locations:

Location 1

County:	Clatsop	**State:**	OR

Location 2

County:	Pacific	**State:**	WA

There are no required mitigations identified.

CE Citation: 3.3.C.11 Minor trail relocation, development of compatible trail networks on logging roads or other established routes, and trail maintenance and repair.

CE Justification:

This project entails maintaining and repairing existing trails, their associated features, and trail corridors. No work will occur under this CE outside of the existing trail network.

Decision: I find that the action fits within the categorical exclusion above. Therefore, I am categorically excluding the described project from further NEPA analysis. No extraordinary circumstances apply.

Signature

Superintendent: JONATHON BURPEE Digitally signed by JONATHON BURPEE Date: 2022.07.12 16:30:19 -07'00' **Date:** _____

Extraordinary Circumstances:

If implemented, would the proposal...	Yes/No	Explanation
A. Have significant impacts on public health or safety?	No	Regular maintenance of trails, boardwalks, handrails, and other associated features will maintain a safe walking experience for the public.
B. Have significant impacts on such natural resources and unique geographic characteristics as historic or cultural resources; park, recreation, or refuge lands; wilderness areas; wild or scenic rivers; national natural landmarks; sole or principal drinking water aquifers; prime farmlands; wetlands (Executive Order 11990); floodplains (Executive Order 11988); national monuments; migratory birds; and other ecologically significant or critical areas?	No	Some trail work will be conducted in and around wetlands, but by following the BMPs outlined in the project narrative, significant impact to these wetlands will be avoided.
C. Have highly controversial environmental effects or involve unresolved conflicts concerning alternative uses of available resources (NEPA section 102(2)(E))?	No	
D. Have highly uncertain and potentially significant environmental effects or involve unique or unknown environmental risks?	No	Maintenance of the existing trail network and associated features will not have any significant or unique or unknown risks because BMPs will be consistently used to minimize any impact on the environment.
E. Establish a precedent for future action or represent a decision in principle about future actions with potentially significant environmental effects?	No	
F. Have a direct relationship to other actions with individually insignificant, but cumulatively significant, environmental effects?		
G. Have significant impacts on properties listed or eligible for listing on the National Register of Historic Places, as determined by either the bureau or office?	No	Because all maintenance activities will take place within previously established trail corridors, and all materials and features would be replaced in-kind, there will be no impact on cultural landscapes.
H. Have significant impacts on species listed or proposed to be listed on the List of Endangered or Threatened Species, or have significant impacts on designated Critical Habitat for these species?	No	There will be no significant impact to federally listed fish and amphibians within the project area because BMPs will be followed to protect water quality and habitat.
I. Violate a federal, state, local or tribal law or requirement imposed for the protection of the environment?	No	
J. Have a disproportionately high and adverse effect on low income or minority populations (EO 12898)?	No	
K. Limit access to and ceremonial use of Indian sacred sites on federal lands by Indian religious practitioners or adversely affect the physical integrity of such sacred sites (EO 130007)?	No	
L. Contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area or actions that may promote the introduction, growth, or expansion of the range of such species	No	Trail maintenance will not contribute to the spread of non-native species throughout the trail network because all equipment and personal gear will be

(Federal Noxious Weed Control Act and Executive Order 13112)?		inspected for plant materials and cleaned between locations.

ASSESSMENT OF ACTIONS HAVING AN EFFECT ON HISTORIC PROPERTIES

A. DESCRIPTION OF UNDERTAKING

1. Park: Lewis and Clark National Historic Park

2. Project Description:

Project Name: LEWI Parkwide Trail Maintenance (Programmatic CE 2022-2026)
Prepared by: Rachel Stokeld **Date Prepared:** 04/16/2022 **Telephone:** (503) 861-4440
PEPC Project Number: 98387
Locations:
County, State: Clatsop, OR
County, State: Pacific, WA
Describe project:
Lewis and Clark National Historical Park manages and maintains over seventeen miles of pedestrian trails and approximately 1.75 miles of trail also open to bicycles. Trail users vary from unplanned one-time interpretive tours to frequent recreational use by local residents. These trails are continuously subjected to the effects of use, erosion, vegetation encroachment, and weather events. Routine and recurring (i.e. weekly, monthly, annually) maintenance in needed to keep these park assets in good operating condition and safe for park visitors and staff. The National Park Service will conduct routine and recurring maintenance of park managed trails throughout the year for five years (2022-2026). The work would be confined to park designated trails and ground disturbance, outside of previously disturbed areas, is not anticipated:

1. In-kind re-grading, graveling, or other maintenance treatments within existing alignments;

2. Cleaning and repairs of existing trail features (e.g., water bars, steps, check dams, culverts, causeways, retaining walls) using rock and/or wood and rock aggregate;

3. Blocking, eliminating and/or re-vegetating social trails. Appropriate vegetation would be provided by the park staff or an approved partner when needed;

4. Trimming vegetation, cutting roots within the existing trail corridors, and remove encroaching vegetation, where appropriate;

5. Staging materials, tools, and equipment within trail areas or other previously disturbed locations (parking lots, turn-outs);

6. Posting temporary signs along the existing trail corridors as needed (e.g., danger notices and keep off vegetation);

7. Maintenance and in-kind replacement of existing trail signs, wayside exhibits, benches, boardwalks, and handrails;

8. Removal of artificial materials on the trails (e.g., geotextiles, treated lumber) where possible;

9. Use of hand tools, power tools (e.g., chain saws, rock drills), and a utility task vehicle (UTV), when appropriate.

The following Best Management Practices (BMPs) will be followed at all times:

1. Equipment will be inspected and cleaned between locations to prohibit the spread of invasive plant propagules.
2. Straw wattles or other sediment control devices will be used to keep run-off and sediment from entering any nearby waterbodies or wetlands.
3. Culverts will be checked for salamanders and other wildlife prior to cleaning, and wildlife will be gently relocated to nearby equivalent habitat prior to cleaning.
4. In accordance with in-water work windows designated by the Oregon Department of Fish and Wildlife, culverts within tidally influenced waters will only be cleaned between November 1-February 28, and within non-tidally influenced waters July 1 - September 15.
5. All debris resulting from trail maintenance activities will be scattered into the surrounding landscape in such a manner that it will not be visible from the trail, and will not bury existing plant communities.
6. Any herbicide use will be done in coordination with the park Integrated Pest Management (IPM) Coordinator, and not until it is officially approved in the Pesticide Use Proposal System (PUPs).

It is determined that this action can be documented under a Categorical Exclusion, in accordance with the National Environmental Policy Act (NEPA) and NPS policies. In addition, this project has gone through the standard review process under Section 106 of the National Historic Preservation Act. It has been determined, in consultation with the State Historic Preservation Officer and associated American Indian Tribes that this project would have No Adverse Effect on historic properties. This programmatic compliance will be reviewed biannually; projects would be implemented 2022 through 2026.

If the scope and complexity of the proposed project is beyond what is described above, then the project would be submitted to the Interdisciplinary Team (IDT) for review and compliance; Further consultation with the USFWS, NOAA, SHPO, tribes and/or PWR CR team may be required.

Prior to any work commencing park Interpretation staff will be consulted concerning disruptions to visitor use areas and the visitor center.

Prior to any work commencing park Resources Program Lead will be consulted concerning the need and scheduling of inspections for invasive species, or impacts to imperiled species, habitats, and/or cultural resources.

Area of potential effects (as defined in 36 CFR 800.16[d])
All of seventeen miles of park trails plus a 16.4 ft. (5 m) buffer around each trail for a total of approximately 74 acres.

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

___ **No**

X **Yes**

Source or reference: Documentation of Wooden Boat Remains, Netul River Trail ... Dewey and Stokeld. 2017.
Hist. Arch. .. Middle Village: Station Camp McGowan Site (45PC106)... Wilson et al. 2009.
National Park Service Cultural Landscapes Inventory, Fort Clatsop...WJE Assoc. 2019.
Results of Archaeological Survey for the Proposed Colewort Creek Tidal Wetland Restoration Project,
Results of Arch Survey for Otter Point Estuarine Enhancement and S.Clatsop Slough Loop, Horton, 2010
Results of Arch Testing for the Proposed Fort to Sea Trail Reroute Project..Stokeld. 2017.

Results..Arch Survey, Fort to Sea Trail Boardwalk Replacement Project..Stokeld. 2018.
Summary of and Recs for Netul Trail Refuse Site at Hist. Canoe Landing. Horton&Holschuh. 2010
CR Assessment River Day Use Area and Park-and-Ride Facility...Wilson et al. 2004.
Results..Arch Survey...Proposed "Loop B" Pedestrian Forest Trail..ORouke. 2012.

4. Potentially Affected Resource(s):

Archeological Resources Present: Yes

Property Name: 45PC106 - Chinook Middle Village **LCS:**
Location: Middle Village unit

Property Name: 35CLT128 - Colewort Creek boat remains **LCS:**
Location: Fort Clatsop unit, mouth of Colewort Creek

Property Name: 35CLT103 - Netul Trail Refuse Site **LCS:**
Location: Fort Clatsop unit, Canoe Landing

Historical Structures/Resources Present: No

Cultural Landscapes Present: Yes

Property Name: Fort Clatsop cultural landscape **LCS:**
Location: Fort Clatsop unit

Ethnographic Resources Present: No

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

No Destroy, remove, or alter features/elements from a historic structure
No Replace historic features/elements in kind
No Add non-historic features/elements to a historic structure
Yes Alter or remove features/elements of a historic setting or environment (inc. terrain)
No 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: Rachel Stokeld
Date: 04/16/2022
Comments: all proposed activities fall under 2008 PA

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 __X__Streamlined Review
Recommendations for conditions or stipulations: Any work beyond what has been included in project narrative may need further compliance review

Doc Method: Streamlined Review (PA)
Streamlined Activity:
2. Rehabilitation and/or Minor Relocation of Existing Trails, Walks, Paths, and Sidewalks
3. Repair/Resurfacing/Removal of Existing, Roads, Trails and Parking Areas
5. Routine Grounds Maintenance
10. Erection of Signs, Wayside Exhibits, and Memorial Plaques
11. Culvert Replacement

[X] Archeologist
Name: Rachel Stokeld
Date: 04/16/2022

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 __X__Streamlined Review
Recommendations for conditions or stipulations: Work taking place within or adjacent to archeological sites would be monitored by an archeologist meeting Secretary of Interior's Standards (36 CFR Part 61). In the event that archaeological or historic materials are discovered during project activities, work in the immediate vicinity must stop, the area secured, and park cultural resource staff notified.

Doc Method: Streamlined Review (PA)
Streamlined Activity:
2. Rehabilitation and/or Minor Relocation of Existing Trails, Walks, Paths, and Sidewalks
3. Repair/Resurfacing/Removal of Existing, Roads, Trails and Parking Areas
5. Routine Grounds Maintenance
10. Erection of Signs, Wayside Exhibits, and Memorial Plaques
11. Culvert Replacement

[X] Historical Landscape Architect
Name: Richard Freitas
Date: 05/13/2022
Comments: The proposed trail maintenance work will not cause an adverse effect to the cultural landscape.

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 __X__Streamlined Review
Recommendations for conditions or stipulations:

Doc Method: Streamlined Review (PA)
Streamlined Activity:
2. Rehabilitation and/or Minor Relocation of Existing Trails, Walks, Paths, and Sidewalks
3. Repair/Resurfacing/Removal of Existing, Roads, Trails and Parking Areas
5. Routine Grounds Maintenance
10. Erection of Signs, Wayside Exhibits, and Memorial Plaques

---

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

---

C. PARK SECTION 106 COORDINATOR'S REVIEW AND RECOMMENDATIONS

1. Assessment of Effect:

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

2. Documentation Method:

[ ] A. Standard 36 CFR Part 800 Consultation
Further consultation under 36 CFR Part 800 is needed.

[X] 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.)

2. Rehabilitation and/or Minor Relocation of Existing Trails, Walks, Paths, and Sidewalks.
3. Repair/Resurfacing/Removal of Existing, Roads, Trails and Parking Areas.
10. Erection of Signs, Wayside Exhibits, and Memorial Plaques .
11. Culvert Replacement.

[ ] 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: No
SHPO Sent:
SHPO Received:

THPO Required:
THPO Sent:
THPO Received:

SHPO/THPO Notes:

Advisory Council Participating: No
Advisory Council Notes:
Additional Consulting Parties: No

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.

Any actions beyond those listed in the project narrative may need further compliance review. Work taking place within or adjacent to archeological sites would be monitored by an archeologist meeting Secretary of Interior's Standards (36 CFR Part 61). In the event that archaeological or historic materials are discovered during project activities, work in the immediate vicinity must stop, the area secured, and park cultural resource staff notified.

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:

All proposed actions fall within 2008 PA.
Work as proposed will not adversely effect any identified cultural resources within the APE.
All work would be confined to previously disturbed areas and trail corridors. Work would use in-kind materials and construction style to not adversely effect affect Historic Properties. Although some maintenance work would be conducted within the boundaries of recorded archeological sites, activities associated with this undertaking would not involve ground disturbance or work outside of previously disturbed areas.

D. RECOMMENDED BY PARK SECTION 106 COORDINATOR:

Compliance Specialist:
NHPA Specialist
Rachel Stokeld RACHEL STOKELD Digitally signed by RACHEL STOKELD Date: 2022.07.12 15:29:48 -07'00' **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: JONATHON BURPEE Digitally signed by JONATHON BURPEE Date: 2022.07.12 16:31:09 -07'00' **Date:** _____