National Park Service
Department of the Interior

Historic Preservation Training Center
Frederick, MD

Replace Porch Decking at Jean Baptiste Vallé House
Ste. Geneviève National Historic Site
Ste. Geneviève, Missouri

Historic Structure Treatment Record



April 2023

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Historic Structure Treatment Record

Replace Porch Decking at Jean Baptiste Valle House
Ste. Geneviève National Historic Site

PMIS #326449

Historic Preservation Training Center
National Park Service
Frederick, MD

April 2023

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Table of Contents

Part I | Completion Report

Project Narrative.....5

Project Accounting.....8

Selected Photographs.....17

Part II | Project History

Project Agreement.....21

Compliance.....38

Correspondence.....54

Weekly Reports..... 67

Safety..... 83

Part III | Appendix

Project Photographs.....110

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Part I | Completion Report

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Project Narrative

Project Summary

This Historic Structure Treatment Report (HSTR) is a statement of the preservation work completed by personnel of the National Park Service (NPS), Historic Preservation Training Center (HPTC) in March and April 2023 at Jean Baptiste Vallé House, located at Sainte (abbreviated to Ste.) Geneviève National Historic Site in Ste. Geneviève, Missouri. The HSTR includes weekly field reports, correspondence, and project photographs.

Ste. Genevieve National Historical Park was established in 2020 as the 422nd unit of the National Park System and includes part of the Ste. Genevieve Historic District in the city of Ste. Genevieve, Missouri. Located along the Mississippi River, the present city was established in 1785 and replaced a circa 1750 French colonial town built three miles south that was destroyed by flooding. Some of the current surviving historical structures in Ste. Genevieve were relocated from the original mid-eighteenth century townsite. The flooded town had served as a center for French Louisiana; the second, rebuilt city passed from Spanish to French and finally American ownership with the Louisiana Purchase in 1804.

Today, Ste. Genevieve includes several examples of early French and Spanish colonial architecture. These include the Jean Baptiste Vallé House, built in 1794 for the Vallé family who were civil and military leaders in Ste. Genevieve and the surrounding territory. Commandant Jean Baptiste Vallé oversaw the transition of the region from French to American in 1804 and owned the house until his death in 1849.

Project Identification

PMIS Number:	326449
Project Title:	Replace Porch Decking at Jean Baptiste Vallé House
Project Location:	Sainte Geneviève National Historic Site

Names and Location Data

Structure Name:	Jean Baptiste Vallé House
Park:	Ste. Geneviève National Historic Site
Structures' County:	Sainte Geneviève
Structures' State:	Missouri
NPS Region:	Midwest
FMSS Location Number:	254109
FMSS Parent Work Order Number:	25949148

Project History

September 2022:	Scoping Trip
February 17, 2023:	Final Project Agreement signed
March 31, 2023:	Pre-construction Meeting
April 3, 2023:	Project Start
April 26, 2023:	Final Inspection Meeting
April 27, 2023:	Project Complete

Project Description

The Jean Baptiste Vallé (JBV) House is a one-and-a-half story timber framed structure built circa 1794 with traditional French *poteaux-sur-solle* (post-on-sill) construction. The house was extensively modified and modernized in the nineteenth century by the LaGrave family, who added an English-style roof and entry hall. The house originally included a full wrap-around porch; however, portions of the porch were closed off in the late nineteenth century to allow for the construction of a modern kitchen and plumbing system. The current porch has been previously modified and decked with modern tongue-and-groove flooring. The building is open to visitors through year-round ranger-led tours, with access to the house provided by two stairs connected to the front and rear porches.

In Fiscal Year 2023, Sainte Geneviève National Historic Site contacted the HPTC Midwest Regional Support Team to provide necessary maintenance to the Jean Baptiste Vallé House porches and exterior stairs. The objective of the preservation project was to replace deteriorated decking, stairs, trim, and subflooring to enhance visitor experience and ensure visitor and staff safety. The project scope of work follows the Final Project Agreement, signed February 17, 2023:

- Replace Front (East) Porch Decking
- Replace Decking on Rear (West) Porch
- Repair Three (3) Sets of Stairs

Section 106 Compliance

The National Historic Preservation Act of 1966, Section 106 compliance was completed and obtained by the Park prior to the start of any site work by HPTC personnel. Section 106 review determined there would be “no adverse effect” by the completion of this project. All work was performed in compliance with the *Secretary of the Interior’s Standards for the Treatment of Historic Properties.*

Summary of Work

The HPTC Midwest Regional Support Team completed the following tasks at the Jean Baptiste Vallé House from March 29, 2023, to April 27, 2023:

- Mobilization, lumber and dumpster delivery, and site prep.
- Work completed on front and rear porch:
    - Demolition of decking and removal to dumpster.
    - Removed existing trim components for later reinstallation and repairs as needed.
    - Structural repairs to rotted subflooring including epoxy repairs and replacement as needed.

    - Installed tar paper/felt base; cut, staged, and installed new porch flooring.
    - For each porch column, lifted with jacks and shoring; repaired column base and lowered load back on deck once flooring replaced.
    - Installed quarter round trim as needed.
    - Sanded and finished decking.
- Stairs removed and new stringers cut; installed new stringers, treads, and risers.
- Anti-slip material installed on two sets of stairs.
- Front porch stair rail adjusted for new stairs.
- All replacement/repaired porch elements prepped and painted including trim, rails, and columns.
- Site clean-up and demobilization, final inspection tour.

Project Participants

NPS Project Supervisor:	Jim Teague, Supervisory Exhibits Specialist HPTC Midwest Regional Support Team
NPS Project Leader:	Jim Teague, Supervisory Exhibits Specialist HPTC Midwest Regional Support Team
	Henry McGuire, Preservationist (Alternate Leader) HPTC Midwest Regional Support Team
HSTR Author:	Emelia Lehmann, Historical Architect HPTC Architecture Section
STGE Support Staff:	Christopher Collins, Superintendent Andrew Newman-Johnson, Facility Manager

Project Accounting

PROJECT:	ACCOUNT NUMBER:	AUTHORIZED AMOUNT:
Replace Decking on Porch (PMIS 326449)	PH.P0326449A.00.1	$168,182.70

National Park Service
U.S. Department of the Interior

Historic Preservation Training Center
(HPTC)

4801A Urbana Pike
Frederick, MD 21704

301 663-8032

Direct Charge Authorization

Please complete all entries, including the proper signatures.
Send completed form to hptc_project@nps.gov.

Park:	Sainte Genevieve National Historic Site		
Region:	MWR		
Project Title:	Replace Decking on Porch		
Alpha Code:	STGE	PMIS Number:	326449

Cost Center Code:	PPMWSTGEM0	Authorized Amount:	$168,182.70
Functional Area:	PAG005N50.CN0000	Expiration Date:	
Fund:	XXXP571550		
WBS:	PH.P0326449A.00.1		

Project Description:

Work executed under this Project Agreement will consist of:
- East (Front) Porch and West (Rear) Porch deck replacement.
- Sub-deck repairs as needed.
- East, West, and North Exterior Stairway repair or replacement.
- Exterior trim repairs.
- Prime and paint areas in which repairs have been completed. Apply waterproof wood sealant to new decking.

Funding Authorization:

TAVIS HILL Digitally signed by TAVIS.HILL Date: 2023.03.24 14:57:33 -05'00'	Tavis Hill	tavis_hill@nps.gov	314-296-9130
Park Budget Contact (Signature)	Name	Email	Phone

Project Contacts:

Anderson Newman-Johnson	Anderson_Newman-Johnson@nps.gov	573-984-9515
Park Project POC	Email	Phone
Josh Glashauckas	Josh_Glashauckas@nps.gov	
HPTC Project POC	Email	Phone
Hillary Lennox	Hillary_Lennox@nps.gov	
HPTC Budget POC	Email	Phone

< p m i s > Log Out | Create Profile | Switch Profile | Process | Search | Report | Help

WBS Purpose Info | WBS Status | Project Snapshot | Add/Review Notes | View MS Word | Peek into PST | PST Report

Project Identification - PMIS 326449		
Project Title: Replace Porch Decking at JBV House	**Project Total Requested Cost:** $176,082.70	**Funded Prior FY's:** $176,081.35
Park/Unit: Sainte Genevieve National Historic Site	**Region:** Midwest	**Current FY Funding:** $0.00
States: MO	**Congressional Districts:** MO08	**Future Formulated Balance:** $0.00
Related Parent FMSS Work Order Number: 25949148	**Reference Number:**	**Future Requested Amount Balance:** $0.00
Project Type: Facility , Historic, Multi-component , Imported from PST	**Financial System Package Number:** STGE 326449	**Remaining Unfunded Components:**
Contact Person: Anderson Newman-Johnson **Contact Phone:** 5739849515	**DOI Unique Project ID:** N099	**Total Project Cost:** $176,081.35

Project Status - PMIS 326449	
Date Imported: 08/04/22	**Review Status:** WASO-Reviewed on 08/24/2022
Date of Last Update: 01/11/24	**Updated By:** Nelson, Seth C.

Project Narratives - PMIS 326449

Description

The Jean Baptiste Valle house, a contributing structure to the NHLD, is currently used to provide ranger led tours, year round. The house has approximately 1400 sqft of modern tongue and groove porch decking that has a significant amount deterioration and is in need of an "in-kind" replacement in order for the park to provide a safe visitor experience. This porch project is to be completed in fiscal year 2023, by HPTC staff with support from STGE facilities staff. The project includes removal and demo work of all tongue and groove decking, all stair treads, damaged trim and sub flooring. The HPTC will then replace all tongue and groove decking, damaged trim work, stair treads, any rotten material necessary, and to complete touch up paint to match any existing colors.

Justifications

This project is to not protect any vulnerable historic fabric under the porch, but this decking will provide visitors/staff with a sturdy and safe walking surface that will enable a quality visitor experience.

Measurable Results

The Jean Baptiste Valle house is a very important structure to not only our visitors, but to the entire community. This porch is utilized on a daily basis by all, and with the project in place, we should be able to safely have visitors and staff occupy this space for many years to come.

DOI Life Cycle Guidance Justifications - PMIS 326449

Scope of Benefits

The project will not only protect the resource from further deterioration, but taking care of this issue in the early stages of the park will prevent additional pressure to the staff and resource as visitation increases.

Investment Strategy

Without this funding the park continue to spend increased amounts of limited base funding on O&M costs in the future, all while the structure condition continues to worsen. This strategy is not a sustainable or efficient approach to maintaining this high priority historic structure.

Consequence of Failure to Act

Failure to act has the potential for increased visitor dissatisfaction and safety concerns, as well as accelerated deterioration of a park fundamental resource. Both of which the NPS is charged to take care of in a timely manner.

Categories of Facilities Maintenance and Construction Needs - PMIS 326449

Project Total DOI Score: 90

DOI Score Elements	Final Score
API/FCI	20
Scope of Benefits	40
Investment Strategy	20
Consequences of Failure to Act	10

DOI Score Selections:

Scope of Benefits

- ○ The project contribution to established goals and objectives of the Department and Bureau is minimal or not demonstrated.
- ○ The project demonstrates a moderate contribution to established goals and objectives of the Department and Bureau.
- ◉ The project demonstrates a major and measurable contribution to established goals and objectives of the Department and Bureau.

Investment Strategy

- ○ The project demonstrates a significant increase in operation and maintenance cost.
- ○ The project does not reduce operation and maintenance and does not have any matching contributions.
- ○ The project demonstrates a minor reduction in operation and maintenance costs or a moderate leveraging of non-DOI resources.
- ◉ The project demonstrates a major and measurable net savings for the Government, strongly supports financial sustainability efforts, or leverages a significant non-DOI resources.

Consequences of Failure to Act

- ○ Failure to complete this project would not have major direct impact on health and safety or natural/cultural resources.
- ◉ Failure to complete this project would have major direct impacts on natural or cultural resources.
- ○ Failure to complete this project would have major direct impacts on public or employee health and safety.

Projected DM&R Retired through Divestiture - PMIS 326449

Projected DM&R Retired: 0

Capital Asset Accounting Determination Results Summary - PMIS 326449

Facility (FMSS Location)	Historic Status	CRIS	Ownership	Location Status	Asset Code / Facility Type	Work Type / Work Classification	Estimated Project Cost Distribution	Project Type
[254109] JB Valle House	2 - National Register Listed		NPS	OPERATING	4100 - Building 4129 - Other Institutional Uses	FM / RECAP (100%)	$176,082.70 (100.0%)	H - Heritage Asset

Project Activities, Assets, Resources and Emphasis Areas - PMIS 326449	
Activities	**Assets** • Building/Other Institutional Uses
Emphasis Areas	**Resources**

Project Prioritization Information - PMIS 326449
Unit Priority:

Project Funding Component - PMIS 326449A	
Funding Component Title: Replace Porch Decking at JBV House - LRF MAT	**Funding Component Request Amount:** $168,182.70
Funding Component Reference Number (Multi-purpose):	
Funding Component Description: This project is for HPTC to replace the decking, necessary sub-flooring and stair treads on the Jean Baptiste Valle House, Porch using the LRF, fund source.	
Requested Funding FY: 2023	**Review Status:** WASO-reviewed on 01/31/2023
Date of Park Submission: 08/22/2022	**Submitted By:** Greg (William) Adams
Upper-level Review Status:	**Submission Number:**
Formulated FY: 2023	**Funded FY:** 2023
Formulated Amount: $168,182.00	**Funded Amount:** $168,182.00
Formulated Funding Source: Legacy Restoration Fund - MAT	**Funded Funding Source:** Legacy Restoration Fund - MAT
Formulated Program: Other Program	**Funded PWEAccounts:**

FBMS Funding Details as Of: 02/20/2024

FBMS Funded Program	FBMS Fund	FBMS Funded Program Funded Amount	FBMS Committed Amount (PR)	FBMS Undelivered Orders Amount (UDO)	FBMS Expended Amount
PHP0326449A	XXXP571550	$168,182.00	$0.00	$0.00	$152,897.64

Notes regarding funding:

- *Funded Amount = Sum of all FBMS Funded Program Funded Amounts*
- *FBMS Funded Program Funded Amount = Sum of the Current FY Authorized Amount + Prior Year UDO's + Prior Year Expenditures*
- *FBMS Committed Amount (PR) is not actually obligated*
- *If funding discrepancies are found, corrections must be made directly within FBMS*

Youth Participation Summary

Project activities related to engaging individuals 35 years or younger in resource stewardship through education, volunteer and employment opportunities.

Planned Total Number of Youth Volunteers	Planned Total Number of Youth Employed	Planned Total Number of Youth Engaged
0	0	0

Related PEPC Information

Related PEPC Project Number	PEPC Project Title	Compliance Status	Special Project Concerns Exist	Target Compliance Completion
111843	Replace Porch Decking at JBV House	Closed Complete	N	2/10/2023

Component Assistance Needs

Level of Support	Assistance Needed
Region	Design Support, Compliance

Component Cost Estimates

Labor / Cost Type: Non-permanent NPS Staff, Permanent NPS Staff

Estimated By: Imported From PST

Date of Estimate: 12/06/2022

Estimate in 2023 **dollars**

Class of Estimate: C

Cost Center: STGEM0 - STGE FACILITY MGMT

Item	Description	Qty	Unit	Unit Cost	Item Cost
Estimated Labor Cost	Imported from PST	1	Lump	$63,273.00	$63,273.00
Estimated Material Cost	Imported from PST	1	Lump	$101,612.00	$101,612.00
Estimated Equipment/Tool Cost	Imported from PST	1	Lump	$0.00	$0.00
Estimated Service Cost	Imported from PST	1	Lump	$0.00	$0.00
				Component Net Cost	**$164,885.00**

Escalation Adjustments

Item	Description	Item Cost
Escalation 4% per year		$0.00
	Net Cost Estimate (Escalated)	**$164,885.00**

Second-level Cost Add-ons

Add-on	Description	Amount
Project Management Max of 8% of Component Net Cost (Escalated)	Updated as (2%) of Component Net Construction (Escalated)	$3,297.70
Construction Contingency Max of 10% of Component Net Cost (Escalated)	Updated as (0%) of Component Net Construction (Escalated)	$0.00
Component Funding Request (Net Cost Estimate Escalated + Total Add-on Amount)		**$168,182.70**

Eligible Funding Categories and Funding Priorities

Funding Category	Priorities by Eligible Funding Sources			
Legacy Restoration Fund - MAT	Funding Source	Unit Relative Priority	Regional Priority	National Priority
	Legacy Restoration Fund - MAT			

Archived Project Funding Component - PMIS 326449B

Funding Component Title: Scoping	**Funding Component Request Amount:** $7,900.00
Funding Component Reference Number (Multi-purpose):	
Funding Component Description: 8.24.22: $7,900	
Requested Funding FY: 2022	**Review Status:** WASO-reviewed on 08/24/2022
Date of Park Submission: 08/24/2022	**Submitted By:** Laura M. Taylor
Upper-level Review Status:	**Submission Number:**
Formulated FY: 2021	**Funded FY:** 2021
Formulated Amount: $7,900.00	**Funded Amount:** $7,899.35
Formulated Funding Source: Legacy Restoration Fund	**Funded Funding Source:** Legacy Restoration Fund
Formulated Program: Other Program	**Funded PWEAccounts:**

FBMS Funding Details as Of: 02/20/2024

FBMS Funded Program	FBMS Fund	FBMS Funded Program Funded Amount	FBMS Committed Amount (PR)	FBMS Undelivered Orders Amount (UDO)	FBMS Expended Amount
PHP0326449B	XXXP571550	$7,899.35	$0.00	$0.00	$7,899.35

Notes regarding funding:

- *Funded Amount = Sum of all FBMS Funded Program Funded Amounts*
- *FBMS Funded Program Funded Amount = Sum of the Current FY Authorized Amount + Prior Year UDO's + Prior Year Expenditures*
- *FBMS Committed Amount (PR) is not actually obligated*
- *If funding discrepancies are found, corrections must be made directly within FBMS*

Youth Participation Summary

Project activities related to engaging individuals 35 years or younger in resource stewardship through education, volunteer and employment opportunities.

Planned Total Number of Youth Volunteers	Planned Total Number of Youth Employed	Planned Total Number of Youth Engaged
0	0	0

Related PEPC Information

Related PEPC Project Number	PEPC Project Title	Compliance Status	Special Project Concerns Exist	Target Compliance Completion

No Related PEPC Project Numbers Specified.

Component Assistance Needs

Level of Support	Assistance Needed
Assistance Needs have not been Specified	

Component Cost Estimates

Labor / Cost Type: Non-permanent NPS Staff

Estimated By: Imported From PST **Date of Estimate:** 08/24/2022

Estimate in 2022 **dollars** **Class of Estimate:** C

Cost Center: STGE00 - STE GENEVIEVE NHS

Item	Description	Qty	Unit	Unit Cost	Item Cost
				Component Net Cost	**$0.00**

Escalation Adjustments

Item	Description	Item Cost
Escalation 4% per year		$0.00
	Net Cost Estimate (Escalated)	**$0.00**

Second-level Cost Add-ons

Add-on	Description	Amount
Compliance Max of 5% of Total Project Net Cost (Escalated)	Updated as (0%) of Project Net Construction (Escalated)	$0.00
Pre-design Max of 5% of Total Project Net Cost (Escalated)	Updated as a fixed amount (Escalated)	$7,900.00
Final Design Max of 10% of Total Project Net Cost (Escalated)	Updated as (0%) of Project Net Construction (Escalated)	$0.00
Supplemental Services Max of 2% of Total Project Net Cost (Escalated)	Updated as (0%) of Project Net Construction (Escalated)	$0.00
Project Management Max of 8% of Component Net Cost (Escalated)	Updated as (0%) of Component Net Construction (Escalated)	$0.00
Construction Contingency Max of 10% of Component Net Cost (Escalated)	Updated as (0%) of Component Net Construction (Escalated)	$0.00
Component Funding Request (Net Cost Estimate Escalated + Total Add-on Amount)		**$7,900.00**

Eligible Funding Categories and Funding Priorities

Funding Category	Priorities by Eligible Funding Sources

	Funding Source	Unit Relative Priority	Regional Priority	National Priority
Legacy Restoration Fund	Legacy Restoration Fund			

Component Status / Completion Report

Last Updated By: Nelson, Seth C.

Last Updated Date: 01/11/2024

Last Reported Planned Completion Date: 09/30/2023

Last Reported Completion Status: Component Completed on 06/30/2023

As Built Exists: N/A

Final Report Exists: N/A

Work Completed by: Day Labor

Brief Description of the Component Status:
Scoping completed by HPTC.

Last Reported FBMS Funding Details as of Completion/Status Report:

Funded Program	FBMS Fund	Funded Fund Source	FBMS Funded Program Funded Amount	FBMS Committed Amount (PR)	FBMS Undelivered Orders Amount(UDO)	FBMS Expended Amount
PHP0326449B	XXXP571550	Legacy Restoration Fund	$7,899.00	$0.00	$0.00	$7,899.00
Total Component Account Cost						**$7,899.00**

Selected Photographs



Figure 1: Cleaning and prepping old decking for replacement



Figure 2: Lifting and shoring porch columns and repairing column base. New decking installed underneath.



Figure 3: Cutting and staging replacement decking materials.



Figure 4 : Installing replacement decking materials on porch.



Figure 5: Replacement decking partially installed.



Figure 6: Removing deteriorated stair treads.

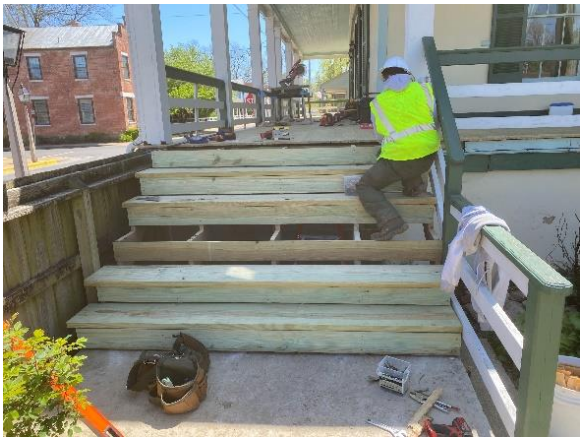


Figure 7: Replacing stair stringing, treads, and risers.



Figure 8: Painting reinstalled trim and replacement/repaired areas.

Part II | Project History

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Project Agreement

Final Project Agreement between Ste. Geneviève National Historic Site and the National Park Service (NPS), Historic Preservation Training Center (HPTC). Issued January 2023, signed February 17, 2023.

FINAL PROJECT AGREEMENT

PMIS #326449
Replace Porch Decking at Jean Baptiste Valle House

Funded through
The Great American Outdoor Act (GAOA)
Legacy Restoration Fund (LRF)

Sainte Genevieve National Historic Site
FY23

January 2023

Recommended: BRANDON GORDON Digitally signed by BRANDON GORDON Date: 2023.02.13 07:26:51 -05'00' **Date:** _____
Superintendent / Deputy, Historic Preservation Training Center

Approved: CHRISTOPHER COLLINS Digitally signed by CHRISTOPHER COLLINS Date: 2023.02.17 13:29:57 -06'00' **Date:** _____
Superintendent, Sainte Genevieve National Historic Site

Submitted by:
National Park Service
Historic Preservation Training Center
4801A Urbana Pike
Frederick, MD 21704

I. DESCRIPTION OF PROJECT

The following information is being provided to the staff of Sainte Genevieve National Historic Site (STGE) in response to their request for project assistance from the National Park Service, Historic Preservation Training Center (HPTC), Midwest Region Maintenance Action Team. The work includes Replace Porch Decking at Jean Baptiste Valle House (JBV). JBV is located in Ste. Genevieve, Missouri.

The project will focus on replacement of two porch decks, associated wood trim and stairway repairs, and repainting of areas in which repairs have been made. Some of the repairs required on JBV will be based on the removal of decking and inspection of the porch sub-deck (framing). Many of the repairs on the structure consist of the removal and replacement of rotted or insect damaged wood. Traditional trade practices may be incorporated into the project as needed.

The project will focus on the following tasks:

- East (Front) Porch and West (Rear) Porch deck replacement.
- Sub-deck repairs as needed.
- East, West, and North Exterior Stairway repair or replacement.
- Exterior trim repairs.
- Prime and paint areas in which repairs have been completed. Apply waterproof wood sealant to new decking,

Regarding this project and the current state of the COVID-19 Pandemic; the HPTC will create and follow COVID-19 policies, procedures, and protocols created specifically for all our jobsites, facilities, and projects. Hazard analysis and monitoring of the jobsite, work activities, and environmental conditions will also continue, and work plans will be updated as necessary to ensure the continued health and safety of our employees and park colleagues.

Work on this project will be performed by Maintenance Action Teams (MAT) using Fiscal Year 2023 (GAOA) Legacy Restoration Funds.

II. STRUCTURE DESCRIPTION & CONDITION

JBV is located in downtown Ste. Genevieve, MO, almost directly across from the STGE Visitor Center. The project location includes a fenced yard with a garage at the rear of the house. The garage may be used for project material and equipment storage. The project will replicate what is currently found on the structure while incorporating traditional trade methodology to ensure material installation is as close to original standards as possible.

The JBV structure is the premier visitation site within the park. Regularly scheduled tours of the facility are common. The structure on the whole is in remarkably good shape. Many of the project repairs as detailed can be attributed to two basic factors: the porches and associated

components are consistently exposed to weather, and the original structural material is in most cases more than a century old. The exposed porch flooring and stairs are prime examples of how consistent exposure to all types of weather can accelerate the deterioration of old untreated wood and metal. The materials and workmanship used in the pre-NPS ownership era appear to have been selected for expediency and lower costs rather than using carefully researched materials and experienced craftmanship to install a finished product as close to the original as possible. However, the extensive updates completed over the years do allow some flexibility in the use of modern materials such as non-rusting fasteners and KDAT (kiln dried after treatment) lumber. The choice to use modern materials is attributed to the desire to 1. reduce annual O&M and to prolong the lifespan of the structure, and 2. the current material in place is not original to the structure and the project is scheduled for "replacement in kind". Nearly all modern materials used will not be exposed (seen by the public), such as floor joists and painted components.

Cyclical repairs such as house painting and minor maintenance has been difficult to complete due to the newly created national historic site and park maintenance being understaffed. The amount of project repair/replacement locations attest to the fact that a limited staff cannot adequately maintain the structure without external augmentation of labor and funds. Once repairs and replacements have been accomplished, Cyclic Maintenance projects should be requested and scheduled to ensure recurring structural maintenance is completed on a timeline consistent with industry averages for long term facility maintenance of historic structures.



III. PROJECT PLANNING

A team of preservation craft persons, appropriate for the project, will be assembled from the Historic Preservation Training Center Maintenance Action Team located at Indiana Dunes National Park (INDU). All necessary tools and equipment will be assembled at INDU and transported to a designated STGE staging area. Materials required will be purchased locally as much as possible. Pre-construction tasks include project scoping, park project review, material procurement, and team mobilization

A safety/hazard analysis will be conducted as one of the first tasks and will be supported with the preparation of a *Safety Plan* and COVID-19 Employee Protection Plan. The plan will address all on-site work activities and include a COVID-19 risk hazard analysis; both plans will be provided to STGE prior to the beginning of the project. A pre-construction safety briefing with all project stakeholders will be performed.

Construction safety barriers may be installed around the defined work area as determined during project pre-planning. Parking and project access/egress areas will be established. Safety related signage will be posted.

Existing conditions, ongoing work, and completed preservation work will be documented through a combination of digital color photography, field sketches, and written narratives to include the timely submittal of Weekly Field Reports. Existing conditions will be documented prior to, and during project work. During project execution, representative samples of historic materials will be salvaged, inventoried, and tagged. The samples will be returned to STGE at the final inspection.

IV. SCOPE OF WORK

The HPTC Midwest Region Maintenance Action Team based at Indiana Dunes National Park (MWR MAT – INDU) will serve as preservation specialists for project work performed as part of PMIS 326449, Replace Porch Decking at JBV House. All work will comply with the Secretary of the Interior's *Standards for the Treatment of Historic Properties*.

The work proposal is based on findings and treatment recommendations proposed by the Facility Manager and current STGE staff. A scoping agreement (PMIS 326449 Component B) was funded by the Legacy Restoration Fund and signed in August 2022.

The preservation tasks outlined in PMIS 326449, as well as additional data compiled from the photo-documentation and park work specifications are listed this document. Work executed under this Project Agreement will consist of the tasks listed below. The total project time expected is 6 weeks barring extremely adverse weather conditions.

TASK #1: Replace Front (East) Porch Decking
Overhead hazards will be mitigated as needed. Grounds directly adjacent to the structure on all elevations will be restricted workspace in order to protect pedestrians from job-site hazards. The existing components will be documented prior to removal and all existing damaged components will be removed and disposed of in pre-identified containers.

Replace 1000 SF of front porch decking. Decking will be 1" x 4" with 3 1/8" – 3 ¼" exposure, tongue and groove, made of a pressure treated pine material appropriate for installation of exterior floors. The 125 LF of rim joist covers to be replaced are 1" x 12" pine. 125 LF of 1" x 6" pine wall base trim may be replaced. Post base and wall trim that requires repair or replacement will utilize standard lumber cut to style and length. All non-deck wood components that require a paint finish will receive 1 coat of primer and 2 coats of acrylic based paint. Finish paint color will match existing colors.

When the original floor decking is removed, it is estimated the sub-decking will require minor repairs. Approximately 10% (100 SF) of the sub-deck is expected to require repair or replacement in-kind. Task 1 will involve the following steps:

- Identify work zone locations and install vehicle and pedestrian barriers.
- Set one 30-yard dumpster and one portable toilet facility in the back yard.
- Assemble repair and replacement materials in weather tight storage areas (rear garage).
- Remove front porch deck to include: all porch decking, rim joist covers, post base decorative trim, shoe molding, etc.
- Inspect joists, bridging, ledgers, and sheathing for damage or wood rot. Repair as needed.
- Treat sub-deck wood components with wood sealant as needed.
- Install 1000 SF of new deck boards using pressure treated lumber.
- Re-install original or new trim components (1x12) rim joist covers, (2x6) post base decorative trim, (1x6) wall base trim, shoe molding, etc.). Plug all fastener holes.
- Prime/paint all trim as needed. Touch-up paint on walls, sills, and stairs as needed.

TASK #2: Replace Decking on Rear (West) Porch
Depending upon weather and time limitations, Task 1 (Front Porch Demo) and Task 2 (Rear Porch Demo) may be combined. Inspection of the deck underlayment may reveal additional repairs required on the Rear Porch.

The 500 SF of porch deck replacement flooring will be 1" x 4" with 3 1/8" – 3 ¼" exposure, tongue and groove, made of a pressure treated pine material appropriate for installation of exterior floors. The 50 LF of rim joist covers to be replaced are 1" x 10" pine. 50 LF of 1" x 6" pine wall base trim may be replaced. Post base and wall trim that requires repair or replacement will utilize standard lumber cut to style and length. All non-deck wood components that require a paint finish will receive 1 coat of primer and 2 coats of acrylic based paint. Finish paint color will match existing colors.

When the original floor decking is removed, it is estimated the underlayment (joists, sheathing, etc.) will require up to 10% or 50 SF of minor repairs or replacement in kind. Task 2 will involve the following steps:

- Remove front porch deck to include: all porch decking, rim joist covers, post base decorative trim, shoe molding, etc.
- Inspect joists, bridging, ledgers, and sheathing for damage or wood rot. Repair as needed.
- Treat sub-deck wood components with wood sealant as needed.
- Install 500 SF of new deck boards using pressure treated lumber.
- Re-install original or new trim components (1x12) rim joist covers, (2x6) post base decorative trim, (1x6) wall base trim, shoe molding, etc.). Plug all fastener holes.
- Prime/paint all trim as needed. Touch-up paint on walls, sills, and stairs as needed.

TASK #3: Repair Three (3) Sets of Stairs
Each set of stairs will be independently inspected by park and HPTC staff. Tread and riser boards may be removed, and the stringers tested for soundness. The decision to repair or replace each set will be made on-site, but these work instructions will be used when replacement is deemed appropriate. Task 3 will assume all three porch stair sets may be replaced.

All entry stairs are constructed with "2 by" lumber. The front porch stairway is 98" wide and enters directly onto the front porch. The set consists of 5 steps, 2 handrails, and metal anti-slip pads. Handrails and the anti-slip pads may be re-used. The North or side stair set is 48" wide and enters into a side door. The set consists of 7 steps, handrails, and anti-slip pads. The handrails and anti-slip pads will be inspected for potential re-use. The rear porch entrance closely resembles the side porch entrance in dimensions and enters directly onto the back porch. Railing and anti-slip components may be re-used.

All stair sets appear to match industry approved dimensions for width and tread/riser components. Task 3 will involve the following steps:

- Repair pre-identified locations on each set of stairs requiring repair only. Repair may consist of lumber replacement, handrail replacement, or replacement of anti-slip tread components. Save components that may be re-utilized.
- Install new stair sets as needed. Replacement of a stair set will consist of building each set of stairs with new components that identically match old components that have been demolished, i.e., full replacement in-kind.
- Apply primer (1 coat) and paint (2 coats) or wood seal (2 coats) on all repaired and replaced sections as needed. Include touch up paint to existing components as needed. Paint brand, quality, and color will be coordinated with STGE staff to ensure continuity with products used by STGE. Paint shall be supplied by HPTC.
- Remove excess materials to on-site workshop. Remove access barriers. Clean all grounds affected by the HPTC work. Repair damage to grounds as needed.

V. PROJECT COMPLETION

During the last few weeks of the project, the crew will begin demobilizing the project site to return the site to its pre-construction status. The crew will use this time to complete project tasks and carrying out organizational tasks required to complete the project. Tasks will include:

- Deconstruction of scaffolding and staging erected during the project.
- Clean site of debris, supplies, and materials.
- Removal of all HPTC project related equipment and tools and returned to MAT's INDU facility.
- Safety debriefing with project related personnel.
- Internal HPTC project review to capture positive and negative aspects of the project to utilize as lessons learned.

VI. DATA COLLECTION

Data for the completion of this document has been compiled from the following sources:

- PMIS 326449
- HPTC Programming Estimate submitted in January 2023
- HPTC site visit in September 2022
- PEPC Project ID 111843
- FMSS location 254109 – structure is National Register Listed

VII. COMPLIANCE

National Historic Preservation Act Section 106 clearance will be obtained by the Park. A copy of the compliance documents shall be furnished to HPTC prior to the start of the project and can be located in the Park's Resource Management Collection by the Planning, Environment, and Public Comment (PEPC) number(s). Any necessary future compliance requirements will be the responsibility of Park.

National Historic Preservation Act (NHPA) – Selected historic building fabric will be disturbed as a result of this project as described in this Project Agreement. It is anticipated that NHPA Section 106 compliance activities will be required for this project according to the November 14, 2008 Programmatic Agreement with the Advisory Council on Historic preservation. Existing approved compliance documents may not be applicable to this project and should be reviewed for a determination. Historic Fabric disturbance will be limited to the tasks identified within the Project Agreement's Scope of Work.

HPTC design and treatment recommendations are based on approved park planning documents and developed in compliance with the Secretary of the Interior's Standards for Treatment of Historic Properties and *The Guidelines for Preserving, Rehabilitating, Restoring, and Reconstructing Historic Buildings,* and NPS *Cultural Resource Management Guidelines*, most current release [or Director's Order No. 28].

VIII. PROJECT COORDINATION

The successful execution of this project will depend upon timely completion of any and all necessary actions as outlined by each of the following parties to this agreement:

HPTC:

- Review existing documentation and reports and prepare a Project Agreement and cost estimate describing project work.

- Prepare and review a Safety Plan that is specific to this project.
- Conduct preconstruction, final inspection, and other such on-site, project related meetings as required.
- Provide project supervision for all work performed by the HPTC's preservation crew.
- Provide crafts people to perform all construction activity outlined in section IV, Scope of Work.
- Provide Weekly Reports on project progress and activities.
- Provide proper disposal facilities for and periodic collection of all construction debris associated with the HPTC's project work.
- Maintain a project record and all documentation on all subject work. Prepare and distribute a Record of Treatment within six (6) months of the date of final inspection.
- Provide for visitor access and protection while the project is ongoing.
- Maintain work and staging area according to OSHA Regulations and Guidelines.
- Obtain an on-site portable toilet for the duration of work.

STGE:

- Consistent with the provisions of this Project Agreement, provide vehicular and pedestrian access to the project site for preservation crew and any related contract or supply service contract associated with the project work or as stipulated at the preconstruction conference.
- Provide any and all necessary clearances for the project, and access thereto, including federal, state, and local permits required. Prepare all compliance documents as required by the Historic Preservation Act of 1966, as amended.
- Review, comment, and approve/reject all project submittals in a timely manner.
- Provide necessary alarm codes and/or keys for access to project related sites to the HPTC Project Leader for the duration of the project.

- If applicable, provide any environmental and cultural landscape surveys or historic structure reports for the purpose of identifying hazardous materials or unknown (unseen) construction prior to the beginning of on-site work.

- Provide a project staging area that offers secure and weatherproof storage for project supplies, tools and materials.

- Designate a single administrative contact.

- Identify individuals and schedule availability for participation of personnel in HPTC's Preservation Work Assignment Program, if desired, as outlined in Section XII, Training, and in accordance with the attached *PRESERVATION WORK ASSIGNMENT - GENERAL GUIDELINES* program description.

Matters regarding site-related issues (access, closures, signing, etc.) will be determined by STGE and HPTC staff. HPTC's project leader may vary from time-to-time, but at all times a designated person will retain onsite authority and serve as the immediate HPTC project contact. Every effort will be made to ensure that key members of the preservation team do not change during the course of the project. If key members of the team do change, sufficient overlap time will be scheduled to ensure a smooth transition.

HPTC project leaders do not have approval authority on matters concerning time, money, scope of work, or design changes. Matters regarding project objectives and/or design-related issues will be determined by approved compliance and design documents; any unresolved issues or changes will be handled between STGE and HPTC's supervisory staff.

Matters regarding logistics and/or techniques of project execution will be determined by HPTC following the Secretary of the Interior's Standards for Historic Preservation. Further refinement of these roles and responsibilities will be discussed at the Pre-Construction Meeting.

IX. PRODUCTS

1. Completion of tasks as detailed in Section IV of this Project Agreement.
2. HPTC shall prepare a Record of Treatment for this project in accordance with the NPS Director's Order (DO) #28, Cultural Resource Management Guidelines. The Record of Treatment includes account data, photographs, sketches, narrative and correspondence outlining the course of work, conditions encountered, and materials used.

HPTC shall provide limited distribution of the Historic Structure Record of Treatment. Broad distributions of the Historic Structure Record of Treatment as outlined in DO #28, Appendix D shall be the responsibility of the park. HPTC shall provide the park with a Historic Structure Record of Treatment prepared in a CD ROM format. Included in this document will be select

digital images. HPTC shall retain an electronic copy with duplicates of all photographs for HPTC's library. HPTC shall distribute a CD ROM copy of the Historic Structure Record of Treatment with digital photographic images to the HPTC Deputy Superintendent, the designated Project Leader, the Regional Office, and the DSC Technical Information Center.

X. ESTIMATED SCHEDULE

Draft Project Agreement:	February 2023
Final Project Agreement:	February 2023
Estimated On-Site Project Start Date:	TBD
Estimated Completion Date:	TBD

XI. PROJECT LEADS

HPTC: Jim Teague, Supervisory Exhibits Specialist
jim_teague@nps.gov, (240) 220-4876

Henry McGuire, Preservationist,
henry_mcguire@nps.gov

STGE: Anderson Newman-Johnson, Facility Manager
anderson_newman-johnson@nps.gov, (573) 984-9515

XII. TRAINING

It is the objective of the HPTC to expand our programs by providing opportunities for all NPS employees to receive training, which increases their appropriate levels of sensitivity and responsibility in the recognition and implementation of historic preservation of cultural resources. The focus of HPTC's training is on work-based learning and skill improvement.

Various aspects of this project offer different learning opportunities for those involved in its execution, including training specific to framing repairs, shoring, staging, and scaffolding. HPTC shall make every effort to maximize the training potential of the project described in this Project Agreement by scheduling HPTC's staff and program participants, STGE staff, PAST program participants, cross-over trainees, volunteers, or others to appropriate duties. General training objectives have been developed for the project as follows:

1. Develop knowledge and skills in undertaking challenging historic preservation project Logistics.
2. Develop skills in identifying and correcting the deterioration and failure of porch or stair

structural framing members.

3. Develop skills in assessing and prioritizing work necessary to provide temporary shoring and/or stabilization of historic structural components such as porch decks, sub-deck framing, and stair sets.
4. Further develop skill and ability to apply proper methods, techniques, and materials used for the repair of historic buildings and attached structural components.
5. Enhance knowledge, skill, and ability to apply and follow safety standards while working with hazardous conditions. Increase awareness in personal worker protection and other safety related issues.

21st Century Conservation Service Corps (21CSC)
This project shall be evaluated for potential inclusion of Corps members brought in through *The Corps Network* in partnership with the *21st Century Conservation Service Corps (21CSC)* program. The 21CSC is a bold national effort to put young Americans and veterans to work protecting, restoring, and enhancing America's great outdoors. The general goals of this program are to:

- Provide service, training, education and employment opportunities for thousands of young Americans and veterans, including low income and disadvantaged youth.
- Protect, restore, and enhance public and tribal lands and waters as well as natural, cultural, and historical resources and treasures.
- Help develop a generation of skilled workers, educated and active citizens, future leaders, and stewards of natural and cultural resources, communities, and the nation.

Corps members assigned to this project shall work directly under the mentoring of HPTC craftspeople, project leaders, and section supervisors to learn preservation trade skills as well as conservation, organization, and leadership skills that support the goals of the 21CSC. Participation in project work by Corps members shall be noted in the project Weekly Reports.

XIII. SAFETY

Worker and visitor safety is a primary concern within the NPS. Safety awareness and compliance therefore shall be a team and individual effort, with all parties striving to attain an accident-free work environment.

GENERAL
A project-specific Safety Plan will be developed for this HPTC/STGE project and made available to the client upon request. Each member of the project team will acknowledge their familiarity with the Plan by affixing their signature to the "Crew Sign-Off Sheet." The Plan designates the "Competent Person" for all OSHA regulated activities.

ENVIRONMENTAL SURVEY of HAZARDOUS MATERIALS

STGE is responsible for providing to the HPTC any and all Environmental Surveys associated with this project/structure prior to conducting renovations, demolitions, or maintenance of on-site project tasks. If a survey has not been completed an environmental hazardous material survey will be conducted by an accredited consultant on designated work areas associated within the scope of work. Including but not limited to the attic space and the roof. The cost of procuring the consultant and subsequent costs associated with the report will be the responsibility of the STGE. If the presence of and the necessary mitigation of hazardous materials is required additional costs associated with mitigation is also the responsibility of STGE.

ON-SITE SAFETY MANAGEMENT & RESPONSIBILITIES

This HPTC/STGE project worksite is a hard hat area in compliance with OSHA regulations. All persons entering the designated work area will wear an approved hard hat at all times. The HPTC section managers are the only individuals who may grant exception to this HPTC policy. The HPTC Project Leader is responsible for ensuring that all activities are compliant with all safety-related issues.

Project leaders shall conduct weekly "tailgate safety meetings" with workers assigned to the project and file OSHA required records in the project file.
Project leaders shall ensure that all work activities are consistent with applicable health and safety regulations and the HPTC Safety Program.

ACCIDENT FORMS

On all HPTC projects, HPTC is responsible for reporting and investigating all accidents in accordance with HPTC's Safety Program (available upon request), laws and regulations.

Occupational Safety and Health Act - COMPLIANCE

All HPTC project work shall be conducted in accordance with OSHA regulations – 29 CFR Part 1926.

XIV. APPENDICES

- PRESERVATION WORK ASSIGNMENT - GENERAL GUIDELINES
- DESIGN CHANGE APPROVAL
- COST ESTIMATE

PRESERVATION WORK ASSIGNMENT - GENERAL GUIDELINES

To foster a better understanding of the Historic Preservation Training Center's (HPTC) programs and mission, and to enable Park staffs to develop a sense of ownership and feeling of personal involvement in the park project, we have developed the Preservation Work Assignment Program.

This program will be offered only if the assignment will afford a "good" training experience for the park staff. Factors such as project leader and crew skill, knowledge and experience levels, type of project, etc., will be considered before the assignment is offered.

The Project Supervisor or HPTC Superintendent will ask the Facility Manager of the host park if they would like any of their staff to work with our crew on the project. If they are agreeable, the park will identify employees. Developmental objectives will be established after meeting with the park staff.

Midway through the assignment, a progress report (Verbal if assignment is two weeks, written if longer) will be sent to the park staff to solicit their input about how the assignment is progressing. The Facility Manager and the HPTC Project Supervisor or HPTC Superintendent will solve any problems that have arisen.

At the end of the assignment, participants will be issued a training certificate, and evaluations will be sent to the participant, the Facility Manager/Supervisor, and the Project Leader.

The following criteria will be negotiated between the Facility Manager and HPTC Project Supervisor or HPTC Superintendent:

- Park staff must work the agreed upon number of days on the project in order to achieve the established objectives.
- Park staff will work the same schedule as the HPTC crew or as close to it as possible.
- Park staff must notify the HPTC Project Leader as soon as possible when their employee has called in sick or is taking annual leave. Likewise, the HPTC Project Leader will notify park staff when the crew must return to the HPTC before scheduled. This includes inclement weather arrangements.
- Park staff must take breaks and lunch period at the project site and not return to the maintenance yard.
- Park staff must work at the project site during their entire assignment and not leave to perform other park duties.
- Park staff must provide own tools.

If it is arranged for a park employee to come to the HPTC to work in the Shop, the Training Manager should be notified so that travel arrangements can be made. All other information above applies to this situation also.

FINAL PROJECT AGREEMENT
Replace Porch Decking at JBV House
PMIS# 326449

DESIGN CHANGE APPROVAL

Design Change Approval #: Date of Submittal:

Park/Area:

Drawing/Specification #:

Project Supervisor:

Project Leader:

Reference (Approval specification, detail or page # you propose to change)

Proposed Change (Brief description of change with detail attached if necessary)

Cost Estimate

Discussion (Who?, What?, Where?, When?, and How? Add comments and/or follow-up.

Recommended by:_____ Date:
Initiator

Concur:_____ Date:
Project Supervisor

Concur: _____ Date:
Superintendent, HPTC

Concur: ANDERSON NEWMAN-JOHNSON Digitally signed by ANDERSON NEWMAN-JOHNSON Date: 2023.02.17 12:12:30 -06'00' Date:
Facility Manager, STGE

Approved: CHRISTOPHER COLLINS Digitally signed by CHRISTOPHER COLLINS Date: 2023.02.17 13:29:28 -06'00' Date:
Superintendent, STGE

14

COST ESTIMATE

STGE Rehab Replace Porch Decking PMIS# 326449

Uformat Code	Task #1: Replace Front (East) Porch Decking	Material				Labor				Equipment				Totals
		Qty	Unit	Cost/Unit	Mtrl Cost	Qty	Unit	Cost/Unit	Labor Cost	Qty	Unit	Cost/Unit	Eqmt Cost	
	Remove Trim and Deck Boards				-	80	hr	62	4,960				-	4,960
	Repair Subfloor	1	lump	800	800	30	hr	62	1,860				-	2,660
	Repair Post and Railings	1	lump	600	600	20	hr	62	1,240				-	1,840
	Install New Decking	1	lump	7,500	7,500	140	hr	62	8,680				-	16,180
	Repair/ Replace Trim	1	lump	1,000	1,000	20	hr	62	1,240				-	2,240
	Seal and Paint New Material	1	lump	500	500	30	hr	62	1,860					
	Tool Repair / Replacement				-					1	lump	418	418	418
	PPE Equipment / Lead Hazmat				-					1	lump	279	279	279
	Subtotals				10,400	320			19,840				697	**28,577**

Uformat Code	Task #2: Replace Decking on Rear (West) Porch	Material				Labor				Equipment				Totals
		Qty	Unit	Cost/Unit	Mtrl Cost	Qty	Unit	Cost/Unit	Labor Cost	Qty	Unit	Cost/Unit	Eqmt Cost	
	Remove Trim and Deck Boards				-	80	hr	62	4,960				-	4,960
	Repair Subfloor	1	lump	700	700	30	hr	62	1,860				-	2,560
	Repair Post and Railings	1	lump	600	600	20	hr	62	1,240				-	1,840
	Install New Decking	1	lump	4,000	4,000	120	hr	62	7,440				-	11,440
	Repair/ Replace Trim	1	lump	900	900	20	hr	62	1,240				-	2,140
	Seal and Paint New Material	1	lump	500	500	30	hr	62	1,860					
	Tool Repair / Replacement				-					1	lump	344	344	344
	PPE Equipment / Lead Hazmat				-					1	lump	229	229	229
	Subtotals				6,700	300			18,600				574	**23,514**

Uformat Code	Task #3: Repair Three (3) Sets of Stairs	Material				Labor				Equipment				Totals
		Qty	Unit	Cost/Unit	Mtrl Cost	Qty	Unit	Cost/Unit	Labor Cost	Qty	Unit	Cost/Unit	Eqmt Cost	
	Demo Stairs				-	40	hr	62	2,480				-	2,480
	Replace Stringers	1	lump	600	600	40	hr	62	2,480				-	3,080
	Repair / Replace Tread and Risers	1	lump	1,500	1,500	40	hr	62	2,480				-	3,980
	Repair / Replace Railing	1	lump	1,000	1,000	40	hr	62	2,480				-	3,480
	Seal and Paint New Material	1	lump	394	394	20	hr	62	1,240				-	1,634
	Tool Repair / Replacement									1	lump	220	220	220
	PPE Equipment / Lead Hazmat									1	lump	147	147	147
	Subtotals				3,494	180			11,160				366	**15,020**

Uformat Code	Mobilization	Material				Labor				Equipment				Totals
		Qty	Unit	Cost/Unit	Mtrl Cost	Qty	Unit	Cost/Unit	Labor Cost	Qty	Unit	Cost/Unit	Eqmt Cost	
	Mobilization					120	hr	62	7,440					7,440
	Pre-Project Safety Brief				-	40	hr	62	2,480				-	2,480
	Demobilization				-	120	hr	62	7,440				-	7,440
	Post- Project Safety Debrief				-	40	hr	62	2,480				-	2,480
	Subtotals				-	320			19,840				-	**19,840**

U.format Code	Travel	M&IE				Lodging				Fees & Misc				Totals
		Qty	Days	Cost/Unit	Total	Qty	Nights	Cost/Unit	Total	Qty	Unit	Cost/Unit	Total	
	M&IE @ 100%	4	28	59.00	6,608									6,608
	M&IE @ 75%	4	2	44.25	354									354
	Hotel					4	29	98	11,368					11,368

	Air Fare									2	each	600	1,200	1,200
	Luggage Fes									2	each	30	60	60
	ConCur/DTI Fees									4	each	14.75	59	59
	Subtotal													**19,649**

U.format Code	Construction & Design Contingency	Contingency Costs					Totals
		Qty	Unit	Cost/Unit	Cont Cost		
	Construction & Design Contingency	1	lump	5,330	5,330		5,330
	Subtotals				5,330		**5,330**

U.format Code	General Conditions			Labor				Equipment				Totals
				Qty	Unit	Cost/Unit	Labor Cost	Qty	Unit	Cost/Unit	Eqmt Cost	
	Project Management & Coordination											
	Project Superintendent (Personnel)			78	hr	95	7,448					7,448
	Project Manager (Project Supervisor)			39	hr	94	3,685					3,685
	Scheduling & Documentation											
	Historic Structure Treatment Report			1	lump	1,750	1,750				-	1,750
	Temporary Utilities											
	Portable Toilets/Etc						-	4	weeks	100	400	400
	Construction Facilities											
	Dumpster/Etc			1			-	1	lump	900	900	900
	Subtotals			120			12,883				1,300	**14,183**
	General Management	**General Management Costs**										**Totals**
		Qty	**Unit**	Cost/Unit	GM Cost							
	Program Administration	1	lump	18%	22,930							22,930
	Program Services	1	lump	5%	6,369							6,369
	Program Support	1	lump	10%	12,739							12,739
	Subtotal											**42,038**

	COST ESTIMATE SUMMARY	COSTS
	Task #1: Replace Front Porch Decking	28,577
	Task #2: Replace Decking on Rear Porch	23,514
	Task #3: Repair Three (3) Sets of Stairs	15,020
	Mobilization	19,840
	Travel	19,649
	Construction & Design Contingency (5%)	5,330
	General Conditions	14,183
	General Management	42,038
	PROJECT TOTAL:	**168,150**

Compliance

- *Assessment of Actions Having an Effect on Historic Properties.* "Replace Porch Decking at JBV House." February 6, 2023.
- *Environmental Screen Form (ESF).* "Replace Porch Decking at JBV House." February 6, 2023.
- *Categorial Exclusion Documentation Form (CE Form).* "Replace Porch Decking at JBV House." February 6, 2023.
- "Basic Information Form, Replace Porch Decking at JBV House." Updated February 8, 2023.

National Park Service
U.S. Department of the Interior

Ste. Geneviève National Historical Park
Date: 02/06/2023

ASSESSMENT OF ACTIONS HAVING AN EFFECT ON HISTORIC PROPERTIES

A. DESCRIPTION OF UNDERTAKING

1. Park: Ste. Geneviève National Historical Park

2. Project Description:

Project Name: Replace Porch Decking at JBV House
Prepared by: Anderson Newman-Johnson **Date Prepared:** **Telephone:** 5739849515
PEPC Project Number: 111843
Locations:
County, State: Sainte Genevieve, MO
Describe project:
The Jean Baptiste Valle house, a contributing structure to the NHLD, is currently used to provide ranger led tours year round. The house has approximately 1400 sqft of modern tongue and groove porch decking that has a significant amount deterioration and is in need of an "in-kind" replacement in order for the park to provide a safe visitor experience. This porch project is to be completed in fiscal year 2023 by HPTC staff with support from STGE facilities staff.

The project will include removal of all treated 1in x 4in Tongue and Groove southern pine porch decking with exposed face nails and T20 deck screws and selective removal of any rotten/damaged subflooring, trim, stair treads and railings.

HPTC will replace the decking with 1in x 4in treated Tongue and Groove southern pine and secured with hidden stainless steel fasteners to prevent the decking material from backing out and creating un-even tread. The treated lumber will have a green color until exposed to the elements turning the lumber grey. When installing, the exposed decking will have a 3 1/8 inch exposure to match the existing decking. All trim (quarter round, 1in x 4in, 1in x 6in) will be primed and painted (2 coats) of paint before being installed using in-kind methods to match existing trim.

1/19/2023 Update with HPTC scope: A site visit was conducted with HPTC MAT representative Jim Teague and STGE FM Anderson Newman-Johnson. It was noted that the structure has had repairs completed prior to coming into NPS ownership, notably the porch decks. It is generally assumed that the flooring and stair materials have been replaced numerous times over the lifespan of the structure. The FM shared that the park would like the porch decking (1x4 T&G Pine with approx. 3 1/4" exposure) replaced and three stair assemblies repaired or replaced. HPTC MAT will ensure that all repairs and/or replacements required will be replacement in kind (RIK) to the best extant possible. RIK being defined as: The final product will match currently installed materials and craftsmanship as close as possible. Whenever possible, original fabric will be left in place, repaired, or recycled for use on the structure. At this time, it is assumed that material procurement will not require the use of contracting and the floor decking may be purchased from instate resources if possible. The decking will dimensionally match the currently installed porch decks as close as possible. If sub-deck repairs are needed, HPTC will match materials and workmanship as close as possible to the original installation. Stair units will be repaired or replaced as needed using dimensional lumber that matches currently installed lumber. The park will specify the brand, type, and color of paint to use for the final finish requirements. The goal will be for the finished product to look as close as possible to the pre-project status, minus of course, the deteriorated condition of the identified project locations.

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

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

___ **No**
_X_ **Yes**
Source or reference:

4. Potentially Affected Resource(s):

Archeological Resources Present: No

Historical Structures/Resources Present: Yes

Cultural Landscapes Present: No

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
Yes Replace historic features/elements in kind
No Add non-historic features/elements to a historic structure
No 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>
No 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] Archeologist
Name: Jacob Moody
Date: 01/24/2023

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

3. Repair/Resurfacing/Removal of Existing, Roads, Trails and Parking Areas

---

[X] Historian
Name: Rachel Franklin Weekley
Date: 02/02/2023

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:
1. Preservation Maintenance and Repair of Historic Properties

---

[X] Historical Architect
Name: Mark Buechel
Date: 01/27/2023

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:
1. Preservation Maintenance and Repair of Historic Properties

---

[X] Historical Landscape Architect
Name: Leah Edwards
Date: 01/24/2023

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:
1. Preservation Maintenance and Repair of Historic Properties

---

No Reviews From: Curator, 106 Advisor, 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.)

3. Repair/Resurfacing/Removal of Existing, Roads, Trails and Parking Areas.

[ ] 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.

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:

D. RECOMMENDED BY PARK SECTION 106 COORDINATOR:

Compliance Specialist:

NHPA Specialist
Christopher Collins CHRISTOPHER COLLINS Digitally signed by CHRISTOPHER COLLINS Date: 2023.02.08 09:53:28 -06'00' **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: CHRISTOPHER COLLINS Digitally signed by CHRISTOPHER COLLINS Date: 2023.02.08 09:54:06 -06'00' **Date:** _____

Christopher Collins

National Park Service
U.S. Department of the Interior

Ste. Geneviève National Historical Park
Date: 02/06/2023

ENVIRONMENTAL SCREENING FORM (ESF)

Updated Sept 2015 per NPS NEPA Handbook

A. PROJECT INFORMATION

Project Title: Replace Porch Decking at JBV House
PEPC Project Number: 111843
PMIS Number:
Project Type: Repair/Rehabilitation (REHAB)
Project Location:
County, State: Sainte Genevieve, Missouri
Project Leader: Anderson Newman-Johnson

B. PROJECT DESCRIPTION

The Jean Baptiste Valle house, a contributing structure to the NHLD, is currently used to provide ranger led tours year round. The house has approximately 1400 sqft of modern tongue and groove porch decking that has a significant amount deterioration and is in need of an "in-kind" replacement in order for the park to provide a safe visitor experience. This porch project is to be completed in fiscal year 2023 by HPTC staff with support from STGE facilities staff.

The project will include removal of all treated 1in x 4in Tongue and Groove southern pine porch decking with exposed face nails and T20 deck screws and selective removal of any rotten/damaged subflooring, trim, stair treads and railings.

HPTC will replace the decking with 1in x 4in treated Tongue and Groove southern pine and secured with hidden stainless steel fasteners to prevent the decking material from backing out and creating un-even tread. The treated lumber will have a green color until exposed to the elements turning the lumber grey. When installing, the exposed decking will have a 3 1/8 inch exposure to match the existing decking. All trim (quarter round, 1in x 4in, 1in x 6in) will be primed and painted (2 coats) of paint before being installed using in-kind methods to match existing trim.

1/19/2023 Update with HPTC scope: A site visit was conducted with HPTC MAT representative Jim Teague and STGE FM Anderson Newman-Johnson. It was noted that the structure has had repairs completed prior to coming into NPS ownership, notably the porch decks. It is generally assumed that the flooring and stair materials have been replaced numerous times over the lifespan of the structure. The FM shared that the park would like the porch decking (1x4 T&G Pine with approx. 3 1/4" exposure) replaced and three stair assemblies repaired or replaced. HPTC MAT will ensure that all repairs and/or replacements required will be replacement in kind (RIK) to the best extant possible. RIK being defined as: The final product will match currently installed materials and craftsmanship as close as possible. Whenever possible, original fabric will be left in place, repaired, or recycled for use on the structure. At this time, it is assumed that material procurement will not require the use of contracting and the floor decking may be purchased from instate resources if possible. The decking will dimensionally match the currently installed porch decks as close as possible. If sub-deck repairs are needed, HPTC will match materials and workmanship as close as possible to the original installation. Stair units will be repaired or replaced as needed using dimensional lumber that matches currently installed lumber. The park will specify the brand, type, and color of paint to use for the final finish requirements. The goal will be for the finished product to look as close as possible to the pre-project status, minus of course, the deteriorated condition of the identified project locations.

C. RESOURCE IMPACTS TO CONSIDER:

Resource	Potential for Impact	Potential Issues & Impacts
Air Air Quality	None	
Biological Nonnative or Exotic Species	None	
Biological Species of Special Concern or Their Habitat	None	
Biological Vegetation	None	
Biological Wildlife and/or Wildlife Habitat including terrestrial and aquatic species	None	
Cultural Archeological Resources	None	
Cultural Cultural Landscapes	None	
Cultural Ethnographic Resources	None	
Cultural Museum Collections	None	
Cultural Prehistoric/historic structures *JBV porch*	Potential	Issue: Temporary safety fix before the larger rehab. HTPC is scoping the work
Geological Geologic Features	None	
Geological Geologic Processes	None	
Lightscapes Lightscapes	None	
Other Human Health and Safety *JBV Porch*	Potential	Issue: Access to house during construction. Will be completed in phases to ensure access is safe.
Paleontological Paleontological Resources	None	
Socioeconomic Land Use	None	
Socioeconomic Minority and low-income populations, size, migration patterns, etc.	None	

Socioeconomic Socioeconomic	None	
Soundscapes Soundscapes	None	
Viewsheds Viewsheds *Porch*	Potential	Issue: Treatments and types of wood
Visitor Use and Experience Recreation Resources	None	
Visitor Use and Experience Visitor Use and Experience		
Water Floodplains	None	
Water Marine or Estuarine Resources	None	
Water Water Quality or Quantity	None	
Water Wetlands	None	
Wilderness Wilderness	None	

D. ESF ADDENDUM QUESTIONS:

Question	Answer	Notes

Reviewers:
Anderson Newman-Johnson

Optional Signatures:

Compliance Specialists:

NEPA CHRISTOPHER COLLINS Digitally signed by CHRISTOPHER COLLINS Date: 2023.02.08 09:48:48 -06'00' **Date:** _____

Christopher Collins

NHPA CHRISTOPHER COLLINS Digitally signed by CHRISTOPHER COLLINS Date: 2023.02.08 09:49:18 -06'00' **Date:** _____

Christopher Collins

Approved:

Superintendent: CHRISTOPHER COLLINS Digitally signed by CHRISTOPHER COLLINS Date: 2023.02.08 09:52:13 -06'00' **Date:** _____

Christopher Collins

National Park Service
U.S. Department of the Interior

Ste. Geneviève National Historical Park
Date: 02/06/2023

Categorical Exclusion Documentation Form (CE Form)

Project: Replace Porch Decking at JBV House
PEPC Project Number: 111843
Description of Action (Project Description):

The Jean Baptiste Valle house, a contributing structure to the NHLD, is currently used to provide ranger led tours year round. The house has approximately 1400 sqft of modern tongue and groove porch decking that has a significant amount deterioration and is in need of an "in-kind" replacement in order for the park to provide a safe visitor experience. This porch project is to be completed in fiscal year 2023 by HPTC staff with support from STGE facilities staff.

The project will include removal of all treated 1in x 4in Tongue and Groove southern pine porch decking with exposed face nails and T20 deck screws and selective removal of any rotten/damaged subflooring, trim, stair treads and railings.

HPTC will replace the decking with 1in x 4in treated Tongue and Groove southern pine and secured with hidden stainless steel fasteners to prevent the decking material from backing out and creating un-even tread. The treated lumber will have a green color until exposed to the elements turning the lumber grey. When installing, the exposed decking will have a 3 1/8 inch exposure to match the existing decking. All trim (quarter round, 1in x 4in, 1in x 6in) will be primed and painted (2 coats) of paint before being installed using in-kind methods to match existing trim.

1/19/2023 Update with HPTC scope: A site visit was conducted with HPTC MAT representative Jim Teague and STGE FM Anderson Newman-Johnson. It was noted that the structure has had repairs completed prior to coming into NPS ownership, notably the porch decks. It is generally assumed that the flooring and stair materials have been replaced numerous times over the lifespan of the structure. The FM shared that the park would like the porch decking (1x4 T&G Pine with approx. 3 1/4" exposure) replaced and three stair assemblies repaired or replaced. HPTC MAT will ensure that all repairs and/or replacements required will be replacement in kind (RIK) to the best extant possible. RIK being defined as: The final product will match currently installed materials and craftsmanship as close as possible. Whenever possible, original fabric will be left in place, repaired, or recycled for use on the structure. At this time, it is assumed that material procurement will not require the use of contracting and the floor decking may be purchased from instate resources if possible. The decking will dimensionally match the currently installed porch decks as close as possible. If sub-deck repairs are needed, HPTC will match materials and workmanship as close as possible to the original installation. Stair units will be repaired or replaced as needed using dimensional lumber that matches currently installed lumber. The park will specify the brand, type, and color of paint to use for the final finish requirements. The goal will be for the finished product to look as close as possible to the pre-project status, minus of course, the deteriorated condition of the identified project locations.

Project Locations:

Location			
County:	Sainte Genevieve	**State:**	MO

There are no required mitigations identified.

CE Citation: 3.3.C.4 Routine maintenance and repairs to cultural resource sites, structures, utilities and grounds under an approved Historic Structures Preservation Guide or Cyclic Maintenance Guide; or if the action would not adversely affect the cultural resource.

CE Justification:

This project will repair and replace deteriorated decking on a contributing historic structure with in-kind materials and methods to preserve the historic integrity.

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: CHRISTOPHER COLLINS Digitally signed by CHRISTOPHER COLLINS Date: 2023.02.08 09:47:40 -06'00' **Date:** _____

Christopher Collins

Extraordinary Circumstances:

If implemented, would the proposal...	Yes/No	Explanation
A. Have significant impacts on public health or safety?	No	This project will ensure the public is safe when visiting our park.
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	No impact to current resources or park operations.
C. Have highly controversial environmental effects or involve unresolved conflicts concerning alternative uses of available resources (NEPA section 102(2)(E))?	No	No impact to environmental resources.
D. Have highly uncertain and potentially significant environmental effects or involve unique or unknown environmental risks?	No	No impact to environmental resources.
E. Establish a precedent for future action or represent a decision in principle about future actions with potentially significant environmental effects?	No	No impact to environmental resources.
F. Have a direct relationship to other actions with individually insignificant, but cumulatively significant, environmental effects?	No	No impact to environmental resources.
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	No significant impact to contributing properties.
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	No impact to any listed/threatened species.
I. Violate a federal, state, local or tribal law or requirement imposed for the protection of the environment?	No	No violation of federal, state, local, or tribal law for project.
J. Have a disproportionately high and adverse effect on low income or minority populations (EO 12898)?	No	No impact
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	No impact
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 (Federal Noxious Weed Control Act and Executive Order 13112)?	No	No impact

Basic Information Form

Park Name: Ste. Geneviève NHP

PEPC Project ID: 111843

Other Project ID: ____

PMIS ID: 326449

Project Status: Proposed

Compliance Status: Closed Complete

Sensitive: No

Project Target Start: 04/02/2023

Project Creation Date: 09/01/2022

Project Title: Replace Porch Decking at JBV House

Secondary Title:

Project Description: The Jean Baptiste Valle house, a contributing structure to the NHLD, is currently used to provide ranger led tours year round. The house has approximately 1400 sqft of modern tongue and groove porch decking that has a significant amount deterioration and is in need of an "in-kind" replacement in order for the park to provide a safe visitor experience. This porch project is to be completed in fiscal year 2023 by HPTC staff with support from STGE facilities staff.

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1/19/2023 Update with HPTC scope: A site visit was conducted with HPTC MAT representative Jim Teague and STGE FM Anderson Newman-Johnson. It was noted that the structure has had repairs completed prior to coming into NPS ownership, notably the porch decks. It is generally assumed that the flooring and stair materials have been replaced numerous times over the lifespan of the structure. The FM shared that the park would like the porch decking (1x4 T&G Pine with approx. 3 1/4" exposure) replaced and three stair assemblies repaired or replaced. HPTC MAT will ensure that all repairs and/or replacements required will be replacement in kind (RIK)

to the best extant possible. RIK being defined as: The final product will match currently installed materials and craftsmanship as close as possible. Whenever possible, original fabric will be left in place, repaired, or recycled for use on the structure. At this time, it is assumed that material procurement will not require the use of contracting and the floor decking may be purchased from instate resources if possible. The decking will dimensionally match the currently installed porch decks as close as possible. If sub-deck repairs are needed, HPTC will match materials and workmanship as close as possible to the original installation. Stair units will be repaired or replaced as needed using dimensional lumber that matches currently installed lumber. The park will specify the brand, type, and color of paint to use for the final finish requirements. The goal will be for the finished product to look as close as possible to the pre-project status, minus of course, the deteriorated condition of the identified project locations.

Project Leader: Anderson Newman-Johnson

NEPA Specialist: Christopher Collins

NHPA Specialist: Christopher Collins

External Agency/Applicant: _____

Division/Office: _____

Designer:

Conceptual Design Date: _____

Project Type: Repair/Rehabilitation

Project Category: Building
Deferred Maintenance
Historic Asset

General Notes: _____

Locations

County/Borough, State	District, Section	Geo. Marker	Other	Tract ID
Sainte Genevieve, MO				

File List

Title
SignedPEPC_111843_NHPA_2023_02_06.pdf *(412.5 KB, PDF file)*
SignedPEPC_111843_ESF_2023_02_06.pdf *(449.0 KB, PDF file)*
SignedPEPC_111843_CE_2023_02_06.pdf *(284.1 KB, PDF file)*

Last Updated Date: 02/08/2023

Last Updated By: anewman-johnson

Correspondence

- Josh Glashauckas (HPTC Midwest Regional Support Team). *Memo to Superintendent, Sainte Genevieve National Historic Site.* "Transmittal of Final Project Agreement." February 17, 2023.
- Jim Teague (HPTC Midwest Regional Support Team). *Memo to Superintendent, Sainte Genevieve National Historic Site.* "Pre-construction Meeting." March 29, 2023.
- "Preconstruction Meeting Agenda." March 31, 2023.
- Jim Teague (HPTC Midwest Regional Support Team). *Memo to Superintendent, Sainte Genevieve National Historic Site.* "Final Inspection Meeting Notice." April 24, 2023.
- "Project Closing Meeting Agenda." April 26, 2023.

United States Department of the Interior
NATIONAL PARK SERVICE
Historic Preservation Training Center
4801A Urbana Pike
Frederick, MD 21704

IN REPLY REFER TO:

4.1.A.2 (HPTC)

February 17, 2023

Memorandum

To: Christopher Collins, Superintendent, Sainte Genevieve National Historic Site

From: Josh Glashauckas, MWR Section Manager, Historic Preservation Training Center

Through: Brandon Gordon, Deputy Superintendent, Historic Preservation Training Center

Ref: Replace Porch Decking at Jean Baptiste Valle House, PMIS #326449

Subject: Transmittal of **Final Project Agreement**

Attached is the Final Project Agreement and signed Safety Plan for the referenced project. Your comments have been addressed and included in this agreement. Since this document serves as the basic agreement between our respective offices, I urge your careful review to ensure that it meets with your expectations and approval. Upon review and approval of this document, please sign the cover sheet and return it to HPTC electronically as noted below.

Prior to starting work, HPTC requests funding authorization adequate to cover estimated project costs. A Direct Charge Authorization form (DCA) has been sent as an attachment for your use to provide HPTC with documentation of this authorization. Upon receipt, please fill out the form and return it electronically as noted below.

Please return the signed Final Project Agreement and completed DCA by replying to all addressees in the email by March 3, 2023, using the same subject line that references your park and project.

Thank you for your continued support of the Historic Preservation Training Center. If we can provide any additional information regarding any of these documents, please do not hesitate to contact either of the following, both of HPTC:

Jim Teague, Supervisory Exhibits Specialist, (240) 220-4876, Jim_Teague@nps.gov
Josh Glashauckas, MWR Section Manager, (240) 741-2632, Josh_Glashauckas@nps.gov

Attachment

cc:

STGE: Christopher Collins, Superintendent
Anderson Newman-Johnson, Facility Manager

HPTC: Josh Glashauckas, MWR Section Manager
Jim Teague, Supervisory Exhibits Specialist
Scott Bigley, Supervisory Exhibits Specialist
Dixie_Kalstad@nps.gov
Amy_Thorn@nps.gov
HPTC_ Projects@nps.gov

United States Department of the Interior
NATIONAL PARK SERVICE
Historic Preservation Training Center
4801A Urbana Pike
Frederick, MD 21704

IN REPLY REFER TO:

4.1.A.2 (HPTC)

March 29, 2023

Memorandum

To: Christopher Collins, Superintendent, Sainte Genevieve National Historic Site

From: Jim Teague, Supervisory Exhibits Specialist, Historic Preservation Training Center

Through: Joshua Glashauckas, MWR Section Manager, Historic Preservation Training Center

Ref: Replace Porch Decking at Jean Baptiste Valle House, PMIS 326449

Subject: Pre-construction Meeting

The subject meeting referenced project has been scheduled for Friday, March 31, 2023. The meeting is scheduled to begin at 11 am. Your attendance and/or attendance by members of your staff is requested and encouraged. Attendees should plan to meet virtually using Teams. This meeting will be used to review the overall Final Project Agreement and coordinate access, site use, parking and staging for the project. Of importance will be the discussion of the Jean Baptiste Valle project slated to begin on or about April 3, 2023.

Please direct any questions or comments to either of the following, both of HPTC:

Jim Teague, Supervisory Exhibits Specialist, (240) 220-4876, jim_teague@nps.gov
Joshua Glashauckas, MWR Section Manager, (240) 741-2632, josh_glashauckas@nps.gov

cc:

STGE: Christopher Collins, Superintendent
Anderson Newman-Johnson, Facility Manager

HPTC: Joshua Glashauckas, MWR Section Manager
Jim Teague, Supervisory Exhibits Specialist / Project Leader
Moss Rudley, Superintendent
Brandon Gordon, Deputy Superintendent

Gary Stansberry, Acting Division Manager
Dixie Kalstad, Administrative Assistant

PRECONSTRUCTION MEETING AGENDA

Sainte Genevieve National Historic Park
Replace Porch Decking at JBV House
PMIS: 326449

March 31, 2023 – 11:00 a.m.

1. **Team Designations:**

- **HPTC**
  MAT INDU Supervisor: Jim Teague
  Preservationist/Site Crew Lead: Henry McGuire
  Carpenter: Adam Bell
  Carpenter: Joseph Johnston

- **STGE**
  POC: Anderson Newman-Johnson, STGE Facility Manager
  Josh Hepler, STGE

2. **Project Inspector:**

- Approvals: STGE FM Andrew Newman-Johnson, HPTC SES Jim Teague
- Field Inspections: Josh Hepler, Henry McGuire

3. **Project Agreement Review:** Completed

4. **Project Schedule & Sequence**

- **Working Hours:**
  6 am – 4:30 pm CST
- **HPTC Work & Travel Schedule**:
  Mon – Fri arrive 6:00, depart 4:30. Sat (if approved) A: 7:00 – D: TBD. Five 10-hour days, weekends are TBD, lunch and breaks are determined by the on-site project lead
- **Crew Rotations:**
  Three person MAT will remain at worksite until project completion.
- **Project Manager Coordination:**
  Jim Teague (INDU): 04/03 – 04/28
- **Participation/Training**
  TBD – STGE Participation on an as needed basis

5. **Project mobilization, staging & setup:**

- MWR MAT will leave INDU and other duty assignments on 04/03 and begin work at STGE on 04/04.
- Teague will be at STGE from 04/03 through 04/07. Teague return to project 04/24 – 04/28. First and last days are travel days in both weeks.

- **Utilities:**
  Electric & Water will be park supplied. HPTC staff may use the toilet facilities at JBV and/or the VC as well as rented portable toilet.
- **Worksite Security:**
  MAT will initially use caution tape around worksite as needed. The goal is start small and change as needed
- **Tool & Equipment Storage:**
  Park FM designated secure storage site. Trailer will remain at the park storage site for duration of project
- **Debris removal/Waste Management:**
  Republic Waste – dumpster delivered Friday, 03/31. Located behind VC in parking lot
- **Site/Park Security:**
  Tool Trailer to be locked when not in use. HPTC may empty trailer at the worksite and park the trailer elsewhere.
- **Park Office/Phone Arrangements**
  MAT to use cell phones. FM may supply an office site with internet access as needed.

6. Project/Park Access:

- **Key Issue:**
  Keys issued by FM 04/04 (no alarm). McGuire has assumed responsibility, all HPTC staff can share 1 key.

- **Radio Issue**
  No radios needed per FM
- **Underground utilities**
  MAT will not dig
- **Vehicle Parking**
  Designated by FM at worksite
- **Park rules/Regs**
  MAT in-brief 04/04
- **Access after-hours:**
  Worksite is accessible after 5 pm

7. Project Documentation

- Photographs (color/B&W)
- Weekly Field Reports distribution
- Record of Treatment assembly and distribution

8. Specifications and Materials:

- Approvals: STGE
- Change Orders: No CO's expected that will cost additional funds.

9. Site Safety:

- **Workers Safety**
  MAT has been briefed on HPTC and park safety. Safety plan is created.
- **Hard Hat Policy**
  Hard hats will be utilized by MAT staff and visitors.
- **Visitor Policy**

The worksite will be partially closed to visitors – park tours will remain as scheduled. Visitors and guides will enter into JBV from the porch not being replaced and switch as needed.

- **Emergency Procedures/911**
  See Safety document – ACCIDENT PLAN
- **Radio/phone communications**
  Mobile (Cell) Phones will be the primary form of communication
- **Local Hospital**
  See Safety document – ACCIDENT PLAN

10. Park Schedule and Important Events

- Training Workshop. If desired, OJT, Park staff only

11. Open Discussion:

- Project Kickoff Meeting – Teague, park staff – 04/04 Time: TBD
- Material Delivery – in process purchasing
- Punch list and Final Inspection

LIST OF ATTENDEES

NAME	TITLE	OFFICE

1. Jim Teague Supervisory Exhibits Specialist (Project Manager) HPTC
2. Anderson Newman-Johnson Facility Manager STGE
3. Christopher Collins Superintendent STGE
4. Josh Glashauckas MWR MAT Section Supervisor HPTC
5. Scott Bigley MWR MAT SLBE Supervisor HPTC

NOTES

1. Weather appears to be improving. Missed work due to weather days appears to be unlikely.
2. Park will ensure MAT staff are notified in the case of severe weather. In the case of severe weather that is immediate, MAT staff may use the JBV basement for shelter.
3. Communication between park, MAT and Teague was stressed – no issues expected.
4. Material purchasing to continue first 3 days of project (4/4 – 4/6)
5. Project kickoff meeting scheduled for early on 4/4/2023.
   A. No additional (new) information was shared during this meeting. Attendees: Collins, Newman-Johnson, Teague.
   B. FM and Teague moved to worksite from park HQ to review project and safety precautions with MAT staff.
   C. VC staff were briefed by Teague on 4/4.
6. Meeting was adjourned at 11:45 am CST.

United States Department of the Interior
NATIONAL PARK SERVICE
Historic Preservation Training Center
4801A Urbana Pike
Frederick, MD 21704

IN REPLY REFER TO:

4.1.A.2 (HPTC)

April 24, 2023

Memorandum

To: Christopher Collins, Superintendent, Sainte Genevieve National Historic Park

From: Jim Teague, Supervisory Exhibits Specialist, Historic Preservation Training Center

Through: Josh Glashauckas, MWR Section Manager, Historic Preservation Training Center

Ref: Replace Porch Decking at JBV House, PMIS 326449.

Subject: Final Inspection Meeting Notice

The subject will be held on Thursday, April 26, 2023, at 9:00 AM at the STGE Administrative Offices. Your attendance or the attendance of a member of your staff is requested and encouraged.

Please direct any questions or comments to either of the following, both of HPTC:

Jim Teague, Supervisory Exhibits Specialist, (240) 220-4876, jim_teague@nps.gov
Scott Bigley, Supervisory Exhibits Specialist, (231) 651-0228, scott_bigley@nps.gov
Josh Glashaukas, Section Manager (240) 741-2632, josh_glashauckas@nps.gov

cc:

STGE: Christopher Collins, Superintendent
Anderson Newman-Johnson, Facility Manager

HPTC: Josh Glashauckas, MWR Section Manger
Jim Teague, Supervisory Exhibits Specialist / Project Leader
Scott Bigley, Supervisory Exhibits Specialist
Dixie Kalstad, Administrative Assistant
Brandon Gordon, Acting Superintendent
Jim Bailey, Acting Division Manager

Sainte Genevieve National Historic Park

PMIS project 326449 - Replace Porch Decking at JBV House

Project Closing Meeting Agenda – April 26, 2023, 9 am

Attendees

Chris Collins, Superintendent, STGE

Anderson Newman-Johnson, Facility Manager, STGE

Jim Teague, Supervisory Exhibits Specialist, HPTC

Scott Bigley, Supervisory Exhibits Specialist, HPTC

Joshua Glashauckas, MWR MAT Section Manager, HPTC

Project Overview

The park requested HPTC assistance for PMIS project 326449 in 2022. Teague performed a scoping visit in Fall 2022 assisted by the park FM, Newman-Johnson. It was determined that the front and rear porch decking would be replaced with park specified Treated ¾" T&G Yellow Pine flooring to match the existing material. Additionally, 3 sets of stairs would be repaired or replaced as needed. Stair materials would be replacement in kind.

STGE suggested a local vendor (Menards, Farmington, MO) for the flooring deck material. The company was contacted, and the decking was purchased; delivery was scheduled for the first day of the project. Additional lumber and materials were purchased from local vendors located in Sainte Genevieve.

Project tasks:

1. Replace floor deck on front porch.
2. Execute underlayment and front porch frame repairs as needed.
3. Replace floor deck on rear porch.
4. Execute underlayment and rear porch frame repairs as needed.
5. Replace or repair 3 sets of exterior stairs as needed.
6. Replace or repair trim components associated with each feature and paint as needed.

Preliminary Discussion Topics

- Scott Bigley performed the Closing meeting in place of Project Manager Jim Teague due to illness.
- Park staff were very pleased with the completed work.
- PMIS 326448 was briefly reviewed

Project Completion Status

All porch decking was replaced with new material. Underlayment or frame repairs were conducted as needed. Each stair set was inspected and repaired or replaced as needed. All trim components were repaired or replaced and paint applied as needed. PMIS project 326449 was completed on April 26, 2023 approximately 2 days before the originally scheduled completion date.

Conclusion

The project was a successful collaboration between HPTC and STGE staff. It must be noted that several members of the park staff directly contributed to the successful completion of the project. This assistance improved efficiency and is one of prime factors in the project being completed before the estimated end date and on budget. Some of the highlights are listed below.

- FM Newman-Johnson contributed to ensuring the compliance tasks were completed on time.
- The FM also supplied material information and suggested local suppliers.
- Josh Hepler, STGE Maintenance Staff, contributed with ensuring local vendors were identified and material/equipment placements were on-time.
- AO Tavis Hill assisted with acquisitions by providing key financial assistance.
- Supt. Collins inspected the location and contributed key feedback that enabled MAT to meet the project goals.
- Park Interpretive staff ensured visitor tours were continued in a safe manner without hampering project progress. Interpretation also worked collaboratively with MAT staff to ensure safe entry and exit points for visitors were identified in a timely manner.

Both porches received much needed repairs, but it must be noted that the location requires additional work to bring the structure to a good condition. This additional required work was discussed between MAT and Park staff and may lead directly to additional funds being requested from either regional or national fund sources. These tasks include:

- Creation or update of a PMIS project to repaint the exterior.
- Repair or Replacement of mortar joints.
- Cyclic roof repair
- Grounds repair (walkways).

HPTC final reports will be supplied to the park once finished. This may take 6 weeks or more.

Meeting adjourned at 0918.

Attending

1. Anderson Newman-Johnson

2. Chris Collins

3. Scott Bigley

NOTES

1. Briefly reviewed project. Work is considered complete.
2. Discussed GTT and future collaboration with the park. Tentatively scheduled for Fall 2024
3. Discussed future projects to continue park asset updates. STGE is well ahead of the game in planning and project creation.
4. Josh Hepler was recognized as a key contributor to the success of the project.

Weekly Reports

- Jim Teague (HPTC Midwest Regional Support Team Project Leader). “Weekly Field Report #1.” April 3, 2023 – April 7, 2023.
- Jim Teague (HPTC Midwest Regional Support Team Project Leader). “Weekly Field Report #2.” April 10, 2023 – April 14, 2023.
- Jim Teague (HPTC Midwest Regional Support Team Project Leader). “Weekly Field Report #3.” April 17, 2023 – April 21, 2023.
- Jim Teague (HPTC Midwest Regional Support Team Project Leader). “Weekly Field Report #4.” April 24, 2023 – April 27, 2023.

National Park Service
U.S. Department of the Interior

Historic Preservation Training Center
(HPTC)

4801A Urbana Pike
Frederick, MD 21704

301 663-8032

FY23 - Weekly Field Report #01

Park Ste. Geneviève National Historical Park
Project Replace Porch Decking at Jean Baptiste Valle House
Date April 10, 2023 (for work completed 4/3/23-4/7/23)

Project Information

Final Project Agreement Date	02/17/2023
PMIS #	326449
DCA Date	03/24/2023
PEPC/Compliance Date Completed	2/10/2023
Design Change	N/A
Pre-Construction Date	03/31/2023
Project Start Date	04/03/2023
Estimated Completion Date	04/28/2023
Revised Completion Date	TBD
Percentage Complete	30%
Project Value	$168,182.00
Project Leader	Jim Teague, Supervisory Exhibits Specialist / Henry McGuire, Preservationist

General

The Jean Baptiste Valle House project was based on findings and treatment recommendations discussed during the project scoping trip (9/2023) conducted with the STGE Facility Manager. The preservation tasks outlined in PMIS# 326449 as well as addition data supplied from MWR Regional Compliance was compiled for the FPA.

Work is being executed under the Project Agreement which consists of three tasks. Task 1 is the demo and reconstruction of the East (Front) Porch Deck. Task 2 is the demo and reconstruction of the West (Rear) Porch Deck. Task 3 is the repair/replacement of Three Exterior Stair Sets. The project will be managed by Jim Teague with daily on-site supervision by Project Leader, Henry McGuire. Adam Bell and Joe Johnston are assigned as Carpenters for the MAT. STGE specified lumber, primer, paint, and hardware has been purchased by HPTC for the new material installations to be completed during the project.

Work Completed

- Mobilization began/completed at INDU on 3/29 – 3/30.
- Jim Teague, Henry McGuire, Joe Johnston, and Barney Bell arrived at local lodging on 4/3 after travel from home stations.
- Teague began material and equipment procurement in March with the assistance of STGE FM Newman-Johnson. Lumber delivery was completed by 4/6. Dumpster and portable toilet were delivered 3/31.
- Demolition began on the rear porch 4/4 and was completed on 04/6.

- 100% of the Flooring was installed by 4/7.
- Repairs were made to the porch roof posts and floor joists.
- Site cleanup and security being performed daily.
- Teague returned to INDU and turned over project supervision to McGuire beginning 4/7.

Task 1 – Replace Front (East) Porch Decking

- Site inspection completed, met with park staff – 100% complete
- Construction trailer equipment moved to worksite – 100% complete
- Repair materials and equipment purchased and delivered – 95% complete
- Installation of replacement deck material – 0% complete
- Framing repairs – 0% complete

Task 2: Replace Decking on Rear (West) Porch

- Repair materials procured and delivered – 95% complete
- Installation of replacement deck material – 100% complete
- Framing repairs (posts and sub-floor) – 90% complete
- It was determined after decking installation was completed that power sanding the floor would provide a superior finish. The sanding task will delay installation of final trim components. The porch will not be fully completed until week 3 or 4. No additional cost to the project other than sanding equipment and sandpaper will be required.

Task 3: Repair Three (3) Sets of Stairs

- Inspection completed – 100%
- Materials purchased and/or supplied from Park inventory – 95%
- Stair set repair and/or replacement – 0%

Photographs

IMG_20230316_113722269.pdf, Before: Rear porch, McGuire
IMG_20230316_113822002.pdf, Before: Rear porch including entry stairs, McGuire
IMG_20230316_114734434.pdf, Before: Front stair stringers, McGuire
IMG_20230404_153004266.pdf, Rear porch, note plywood sub-floor, McGuire
IMG_20230406_093748039.pdf, Wood rot being repaired, McGuire
IMG_20230406_093915600.pdf, New wood deck (bottom) and old purlins installed for slope (drainage), McGuire

Projected Work

- Flooring installation to continue in week 2.
- Post and joist repair to continue week 2.

Site Visitors

- Anderson Newman-Johnson, Facility Manager, STGE

Safety

The following safety precautions were reviewed:

- Project Safety Plan – location of medical facilities
- PPE
- Site Safety
- Traffic and visitor safety – worksite is in downtown Sainte Genevieve

The following were noted as safety concerns for the future:

- Inclement weather (rain, high winds, extreme weather such as tornado activity)
- Visitor usage of the facility (tours)

Weather

Monday 04/03/2023	Tuesday 04/04/2023	Wednesday 04/05/2023	Thursday 04/06/2023	Friday 04/07/2033		
Sunny, warm High: high 70's Low: 40's Moderate wind	Sunny, warm High: low 70's Low: 40's Moderate wind	Cloudy, cooler High: mid 50's Low: high 30's Moderate wind	Cloudy High: hi 50's Low: 30's Moderate wind	Cloudy, warmer High: 60's Low: 40's Low wind		

Personnel Assigned to the Project

- Henry McGuire, Preservationist / Project Lead
- Adam Bell, Carpenter
- Joe Johnston, Carpenter
- Jim Teague, Supervisory Exhibit Specialist

Recap

- Start Date April 03, 2023
- Completion Date Estimated April 28, 2023
- Percent Complete – Week 1
    - Task 1 Front Porch– 0%
    - Task 2 Rear Porch – 85%
    - Task 3 Repair Stairs – 0%

Author

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- Dixie Kalstad, Administrative Assistant, HPTC, dixie_kalstad@nps.gov

- Anderson Newman-Johnson, Facility Manager, STGE, anderson_newman-johnson@nps.gov
- Christopher Collins, Superintendent, STGE, christopher_collins@nps.gov

4.A.1.2 (HPTC)

National Park Service
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FY23 - Weekly Field Report #02, April 10, 2023 – April 14, 2023

Park Ste. Geneviève National Historical Park
Project Replace Porch Decking at Jean Baptiste Valle House
Date May 5, 2023

Project Information

Final Project Agreement Date	02/17/2023
PMIS #	326449
DCA Date	03/24/2023
PEPC/Compliance Date Completed	2/10/2023
Agreement Modification	N/A
Pre-Construction Date	03/31/2023
Project Start Date	04/03/2023
Estimated Completion Date	04/28/2023
Revised Completion Date	04/27/2023
Project Value	$168,182.00
Project Leader	Jim Teague, Supervisory Exhibits Specialist

General

The Jean Baptiste Valle House project was based on findings and treatment recommendations discussed during the project scoping trip (9/2023) conducted with the STGE Facility Manager. The preservation tasks outlined in PMIS# 326449 as well as addition data supplied from MWR Regional Compliance was compiled for the FPA.

Work is being executed under the Project Agreement which consists of three tasks. Task 1 is the demo and reconstruction of the East (Front) Porch Deck. Task 2 is the demo and reconstruction of the West (Rear) Porch Deck. Task 3 is the repair/replacement of Three Exterior Stair Sets. The project will be managed by Jim Teague with daily on-site supervision by Project Leader, Henry McGuire. Adam Bell and Joe Johnston are assigned as Carpenters for the MAT. STGE specified lumber, primer, paint, and hardware has been purchased by HPTC for the new material installations to be completed during the project.

Work Completed

Day 1: Mobilized work area on front porch, including setting caution tape and cones for work exclusion area along sidewalk and yard access; communicated our work plans to park staff. Began removal of existing porch floor and adjacent trim components starting on south side of porch furthest from steps. Began porch subfloor prep including removing nails, replacing rotted subfloor, and installing 30# tar paper. Began installation of

porch floor with one person installing on a column interval segment, one person cutting and staging new flooring a segment ahead of installer, and one person continuing removal of flooring and structural repairs ahead of installation work. Due to the necessity of lifting each column with jacks and shoring, working the flooring underneath, and repairing the column base before lowering the roof load back on deck; work was completed sequentially at the column spacing intervals.

Day 2: Continued sequential installation of flooring on south side of porch, working new flooring into the first miter on southeast corner of porch. Corner was laid out to run all deck boards long on both ends for south side of miter, utilizing drops for the short runs of miter. Once the south side of the miter was installed, the exact dimension of the miter was chalked on the floor and cut in place to ensure a clean strait line. Once cut, the east side of the miter was filled in working back from the long point of miter with each cut being back beveled 8 degrees to ensure a tight fit at the pitch of the deck. After the east side of the miter was filled in, decking was re-squared to the house using the 3/4/5 method and custom tapered deck boards to blend the corner miter assembly with the main deck component.

Day 3: Decking on east porch continued, lifting columns, repairing subfloor assembly, and installing new felt and decking. A material run was organized and completed to purchase replacement 15/32" cdx plywood, additional treated 1x6, and remaining trim components and hardware base on the extent of subfloor damage exposed so far. Epoxy repairs to sill beam, replacement of select subfloor components, and replacement of select areas of 15/32" cdx plywood. The existing subfloor assembly consists mainly of a base layer of 1 1/8"x5" t&g parallel with rail, a layer of 7/8"x3" t&g perpendicular with rail, and a cap layer of cdx 15/32" plywood presumably to feather discrepancies in the floor elevation. Numerous previous repairs were mixed in the subfloor assembly including various dimension 1x and 2x lumber, plywood stacks, and OSB. Beveled threshold for front door fabricated and installed as per discussion with FM to reduce tripping hazard of over height decking.

Day 4: Continued decking replacement on east side of front porch, working into the first third of the northeast miter assembly. Some more extensive damage and previous repairs were uncovered on the northeast corner of the deck, including a full replacement of approximately 10' of the sill beam with a conventional treated 6x6 at the top of the stairs. Removal of the existing porch floor was completed through the north end of porch, and repair of subfloor and decking continued on north porch, reversing the orientation of the t&g, and working backwards towards the northeast miter. The base of the north column at the top of the stairs was severely rotted, the column being a more recent replica constructed simply of modern dimensional 2x lumber. Lacking the structural integrity to be lifted and placed on squash blocks over the new floor as with the other columns, it was completely removed, with (2) treated 2x tenons being affixed to the inside of the box column running 36" up the column to transfer the roof load past the rotted base of the column assembly. In addition to the north stair column, the adjacent segment of porch rail and associated components was removed for repairs.

Day 5: Continued decking replacement on north side of porch. Repairs to framing and subfloor at northeast corner completed. Repaired column replaced, dutchman and epoxy repairs to end of rail segments completed, rail replaced. East side of the miter installed long and cut to fit corner, north side of miter back filled with reversed orientation of decking, filling in towards the outside corner using back beveled miters to achieve a tight fit. Framing and subfloor repairs at top of stairs completed and layout established for future replacement of stairs. Salvage of stair components on two north stair assemblies started. Tails of all decking marked and cut using the differential correction method to achieve the straightest line possible while roughly following the curvature of the building. Decking ends and miters sanded. Site demobilized and cleaned to allow access for park visitors and interpretive activities over the course of the weekend.

Photographs

Photos are attached as .jpgs directly to the Weekly Field Report email.

File Name	*Caption*	*Photographer*
5180	Back porch braced for repair	H. McGuire
5156	Front porch 50% complete	H. McGuire
5140	Front porch before installation	H. McGuire

Projected Work

Projected work for week of April 17, 2023 will include:

- Trim installation
- Stair repair/replacement
- Painting
- Deck sanding

Site Visitors

- Anderson Newman-Johnson, Facility Manager, STGE
- Josh Hepler, Maintenance Worker, STGE

Safety

- Flooring nailer usage reviewed
- PPE reviewed such as eyewear, gloves, and safety toe shoes
- Lifting techniques and weight limitations reviewed

The following were noted as safety concerns for the future:

- Weather concerns – cool, wet weather will be approaching
- Weekend visitation – park to continue to warn visitors of the worksite restrictions

Daily Job Hazard Analysis (JHA) overview:

- Monday: Jacking and shoring
- Tuesday: Miter saw cutting
- Wednesday: Working with epoxy
- Thursday: Lifting heavy materials
- Friday: Worksite cleanliness

Weather

Sunday 04/09/2023	Monday 04/10/2023	Tuesday 04/11/2023	Wednesday 04/12/2023	Thursday 04/13/2023	Friday 04/14/2023	Saturday 04/15/2023
No work High: 70's Low: 40's	Dry, Warm High: 70's Low: 40's	Dry, Warm High: 60's Low: 40's	Dry, Warm High: 60's Low: 40's	Dry, Warm High: 60's Low: 40's	Dry, Warm High: 60's Low: 40's	No Work High: 50's Low: 30's

Preservation Team

- Henry McGuire, Preservationist / Crew Lead
- Barney Bell, Carpenter
- Joe Johnston, Maintenance Worker

Task Completion Projections

- Project Planning: Substantially Completed
- Task 1: In Progress, Substantially Completed
- Task 2: In Progress, Substantially Completed
- Task 3: In Progress
- Project Completion: In Progress

Author

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FY23 - Weekly Field Report #03, April 17, 2023 – April 21, 2023

Park Ste. Geneviève National Historical Park
Project Replace Porch Decking at Jean Baptiste Valle House
Date May 5, 2023

Project Information

Final Project Agreement Date	02/17/2023
PMIS #	326449
DCA Date	03/24/2023
PEPC/Compliance Date Completed	2/10/2023
Agreement Modification	N/A
Pre-Construction Date	03/31/2023
Project Start Date	04/03/2023
Estimated Completion Date	04/28/2023
Revised Completion Date	04/27/2023
Project Value	$168,182.00
Project Leader	Jim Teague, Supervisory Exhibits Specialist

General

The Jean Baptiste Valle House project was based on findings and treatment recommendations discussed during the project scoping trip (9/2023) conducted with the STGE Facility Manager. The preservation tasks outlined in PMIS# 326449 as well as addition data supplied from MWR Regional Compliance was compiled for the FPA.

Work is being executed under the Project Agreement which consists of three tasks. Task 1 is the demo and reconstruction of the East (Front) Porch Deck. Task 2 is the demo and reconstruction of the West (Rear) Porch Deck. Task 3 is the repair/replacement of Three Exterior Stair Sets. The project will be managed by Jim Teague with daily on-site supervision by Project Leader, Henry McGuire. Adam Bell and Joe Johnston are assigned as Carpenters for the MAT. STGE specified lumber, primer, paint, and hardware has been purchased by HPTC for the new material installations to be completed during the project.

Work Completed

Day 1: Stairs on North end of front porch removed. Ledger attached to deck and new stringers cut to appropriate size as per discussion with park FM. New treads and risers installed.

Day 2: Replacement of column base trim on front porch using a mix of retained and site fabricated replacement components. Treads and risers on North staff access stairs replaced with new material. Anti-slip devices reinstalled on both sets of stairs.

Day 3: Front porch sanded to feather milling height discrepancies on flooring. Front porch stair rail adjusted to accommodate new stair pitch. Paint on trim, rail, and column repair areas. Porch sanding was deemed necessary to account for some material inconsistencies in the milling process. No additional project funds were required for labor costs and machine rental as project is at least 1 day ahead of schedule.

Day 4: Back porch sanded to feather milling height discrepancies of new flooring. Replacement of column base trim on back porch using a mix of retained and site fabricated replacement components. Quarter round trim installed on back porch. Paint work completed on back porch trims, rails, and columns.

Day 5: Front porch quarter round trim installed. Prep and start paint on entire rail and column assembly. Jobsite demobilized for weekend visitor use.

Photographs

Photos are attached as .jpgs directly to the Weekly Field Report email.

File Name	*Caption*	*Photographer*
5230	Front stairs in process	H. McGuire
5227	Front stairs Removed	H. McGuire
111610452	Front porch sanded	H. McGuire

Projected Work

Projected work for week of April 24, 2023 will include:

- Trim installation
- Stair repair
- Painting

Site Visitors

- Anderson Newman-Johnson, Facility Manager, STGE
- Josh Hepler, Maintenance Worker, STGE

Safety

- Deck sander usage reviewed
- PPE reviewed such as eyewear, gloves, and safety toe shoes
- Lifting techniques and weight limitations reviewed

The following were noted as safety concerns for the future:

- Weather concerns – cool, wet weather will be approaching
- Weekend visitation – park to continue to warn visitors of the worksite restrictions

Daily Job Hazard Analysis (JHA) overview:

- Monday: Jacking and shoring
- Tuesday: Miter saw cutting
- Wednesday: Working with epoxy

- Thursday: Lifting heavy materials
- Friday: Worksite cleanliness

Weather

Sunday 04/09/2023	Monday 04/10/2023	Tuesday 04/11/2023	Wednesday 04/12/2023	Thursday 04/13/2023	Friday 04/14/2023	Saturday 04/15/2023
No work High: 70's Low: 40's	Cloudy, Cool High: 50's Low: 30's	Cloudy, Cool High: 50's Low: 30's	Cloudy, Cool High:50's Low: 30's	Cloudy, Cool High: 60's Low: 40's	Cloudy, Cool High: 60's Low: 40's	No Work High: 50's Low: 30's

Preservation Team

- Henry McGuire, Preservationist / Crew Lead
- Barney Bell, Carpenter
- Joe Johnston, Maintenance Worker

Task Completion Projections

- Project Planning: Substantially Completed
- Task 1: Substantially Completed
- Task 2: Substantially Completed
- Task 3: In Progress
- Project Completion: In Progress

Author

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4.A.1.2 (HPTC)

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FY23 - Weekly Field Report #04, April 24, 2023 – April 27, 2023

Park Ste. Geneviève National Historical Park
Project Replace Porch Decking at Jean Baptiste Valle House
Date May 23, 2023

Project Information

Final Project Agreement Date	02/17/2023
PMIS #	326449
DCA Date	03/24/2023
PEPC/Compliance Date Completed	2/10/2023
Agreement Modification	N/A
Pre-Construction Date	03/31/2023
Project Start Date	04/03/2023
Estimated Completion Date	04/28/2023
Revised Completion Date	04/27/2023
Project Value	$168,182.00
Project Leader	Jim Teague, Supervisory Exhibits Specialist

General

The Jean Baptiste Valle House project was based on findings and treatment recommendations discussed during the project scoping trip (9/2023) conducted with the STGE Facility Manager. The preservation tasks outlined in PMIS# 326449 as well as addition data supplied from MWR Regional Compliance was compiled for the FPA.

Work is being executed under the Project Agreement which consists of three tasks. Task 1 is the demo and reconstruction of the East (Front) Porch Deck. Task 2 is the demo and reconstruction of the West (Rear) Porch Deck. Task 3 is the repair/replacement of Three Exterior Stair Sets. The project will be managed by Jim Teague with daily on-site supervision by Project Leader, Henry McGuire. Adam Bell and Joe Johnston are assigned as Carpenters for the MAT. STGE specified lumber, primer, paint, and hardware has been purchased by HPTC for the new material installations to be completed during the project.

Work Completed

Day 1: Paint application to front porch rails, columns, band.

Day 2: Finish paint on front porch rails, columns, north access stair rail, touch up on back porch band. Demobilize tools and materials from Jean Baptiste Valle grounds.

Day 3: Clean site, organize trailer, purchase additional organizational tools for trailer such as totes, straps, etc. Pre tow check on trailer (lights, tires, grease bearings). Tour with park interpretive and maintenance staff.

Day 4: Project complete. Travel day, return to home stations.

Photographs

Photos are attached as .jpgs directly to the Weekly Field Report email.

File Name	*Caption*	*Photographer*
5302	Front exterior	H. McGuire
5314	Front porch finished	H. McGuire
5311	Rear porch finished	H. McGuire

Projected Work

Project completed April 27, 2023

Site Visitors

- Anderson Newman-Johnson, Facility Manager, STGE
- Josh Hepler, Maintenance Worker, STGE

Safety

- 4/24 Impalement Guards – this was covered at least twice
- 4/25 Mental Health Awareness – reducing stress while on the road
- 4/26 Trailer towing
- 4/27 Defensive Driving

The following were noted as safety concerns for the future:

- Project complete

Daily Job Hazard Analysis (JHA) overview:

- Monday: Machine guards, protecting oneself from sharp objects found on the worksite
- Tuesday: Stress on and off the worksite
- Wednesday: Proper trailer hook-up and towing
- Thursday: Commuting to/from worksite

Weather

Sunday 04/23/2023	Monday 04/24/2023	Tuesday 04/25/2023	Wednesday 04/26/2023	Thursday 04/27/2023	Friday 04/28/2023	Saturday 04/29/2023
No work High: 70's Low: 40's	Cloudy, mild High: 50's Low: 30's	Cloudy, mild High: 50's Low: 30's	Cloudy, mild High:50's Low: 30's	Cloudy, mild High: 60's Low: 40's	No work High: 60's Low: 40's	No Work High: 50's Low: 30's

Preservation Team

- Henry McGuire, Preservationist / Crew Lead
- Barney Bell, Carpenter
- Joe Johnston, Maintenance Worker

Task Completion Projections

- Project Planning: Completed
- Task 1: Completed
- Task 2: Completed
- Task 3: Completed
- Project Completion: Completed

Author

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- Adam Mannarino, Safety Officer, adam_mannarino@nps.gov
- Dixie Kalstad (Project File), Administrative Assistant, dixie_kalstad@nps.gov

Sent Electronically, No Hard Copy to Follow

Safety

- “Replace Porch Decking at JBV House, Safety Plan.” Signed February 1, 2023.

CERTIFICATE OF COMPLETION

Project Title: **Replace Porch Decking at JBV House**

Project Location: **Sainte Genevieve National Historic Site**

General Description of Scope of Work: **HPTC will conduct preservation maintenance to the Jean Baptiste Valle House which will include replacement of two porch decks with associated trim components and sub-deck repairs, and repair/replacement of three sets of exterior stairs.**

Project Leader: **Jim Teague**

Alternate Project Leader: **Henry McGuire**

Project Supervisor: **Jim Teague**

Start Date: **Spring 2023**

Estimated Completion Date: **TBD**

Certifications

Safety Plan Submission Checklist

Check the boxes for what is required and included with your project's safety plan submittal.

☒ Certificate of Completion (required for all projects)
☒ Crew Review Sign Off Sheet (required for all projects)
☒ Competent Person Designation (required for all projects)
☐ Project Hazard Analysis Questionnaire (optional)
☒ PPE Hazard Assessment and Job Hazard Analysis (JHA) Certification (required for all projects)
☒ Accident Plan (required for all projects)
☐ Fall Protection Plan (required for projects that have fall hazards (heights >6')- template found in the Safety Program)
☐ Lead Compliance Plan (required for projects that have lead hazards (>1%)- template found in the Safety Program)
☐ Crystalline Silica Table 1. (required for projects that have silica hazards- indicate in the completed JHA how you will protect employees from silica hazards)
☐ Other documents_____

X Jim Teague
Project Supervisor

2/1/2023

X
Safety Manager
Signed by: ADAM MANNARINO

Version 1 HPTC Safety Program August 2022

Field Safety Planning Checklist: ***Completed by Project Leader or their designee- check off and initial when task is completed (as applicable)***	
Completed at least one week before job is slated to begin	
	Effective (tested/working) means of communication (cell phone, radio, sat phone, etc.) are planned for.
	Chemical inventory for all chemicals conducted and Safety Data Sheets (SDS) have been compiled (and will be brought onsite).
	Environmental hazards and emergency procedures/evacuation (this will vary by location/Park) (e.g., bomb threats, earthquake, hurricane, volcano, tornado, active shooter, unruly crowds, fires, wildlife, etc.) are planned for.
	Safety Plan (and related documents are printed and will be brought onsite.
	Adequate PPE and other safety equipment is compiled and has current inspection.
	Appropriately rated (at least 2A) and has current inspection/and is operable fire extinguisher will be onsite.
	Appropriately stocked first aid kit or trauma bag (fully stocked, not expired, etc.) will be onsite (list of required first aid items can be found in the Safety Program).
Day 1 at jobsite (before work begins)	
	Safety walkthrough/hazard walkthrough/ discussion conducted with the entire crew and the JHA and applicable safety plan related forms are updated as new hazards arise.
	Accident Plan posted and discussed with crew.
	Adequate PPE and other safety equipment (e.g., fall protection harness, etc.).
	Safety Plan reviewed/discussed/signed and onsite.
	Appropriate first aid kit or trauma bag (fully stocked, not expired, etc.) onsite.
	Fire extinguisher onsite and monthly quick check completed and documented.
	SDS sheets for all chemicals being used onsite and are maintained as needed for the duration of the project.
	Communicate with Park so they know where you are, etc.
	Environmental hazards and emergency procedures/evacuation (this will vary by location/Park) (e.g., bomb threats, earthquake, hurricane, volcano, tornado, active shooter, unruly crowds, fires, wildlife, etc.) are discussed with crews, etc.
Ongoing	
	Safety Plan, JHA and PPE related documents are updated (and documentation of the update exists) as new information and/or hazards arise during the project.

CREW REVIEW SIGN-OFF SHEET

After the Project Leader has reviewed the Safety Plan with the crew, the crewmembers will sign and date this sheet to verify their participation.

Jim Teague	
Project Leader	
Crewmembers:	Date:
Henry McGuire	
Barney Bell	
Brian Agurkis	

COMPETENT PERSON DESIGNATION

The following person(s) will be the Competent Person for the following project and will perform the duties assigned in the applicable safety modules.

Project: ***STGE Replace Porch Decking at JBV House***

Module	Competent Person	Module	Competent Person
Asbestos	N/A	Roadway Safety	McGuire
Chainsaw	N/A	Sawmill	N/A
Compressed Gas	N/A	Scaffold	N/A
Confined Space	N/A	Crystalline Silica	N/A
Crane/Hoist/Lift	N/A	Skid Steer loader	N/A
Electrical	McGuire	Stationary power equipment	N/A
Extreme Weather	Teague	Trenching	N/A
Fall Protection	N/A	Vehicles	Teague
First Aid/BBP	Teague	Visitors Safety	Teague
Flammable Material	McGuire	Welding/Soldering Safety	N/A
General Jobsite	McGuire		
Grinder-Handheld	N/A		
Grinder-Stationary	N/A		
Hand/Power Tool	McGuire		
Hardhat	Bell		
Hazard Communication	Teague		
Hearing Conservation	Bell		
Lead	N/A		
Lockout-Tagout	N/A		
Machine Guarding	McGuire		
Metal Brake	N/A		
Natural Hazard	Teague		
Ergonomic Safety	Teague		
Overhead Power Lines	N/A		
PPE	Bell		
Respiratory Protection	N/A		

PROJECT HAZARD ANALYSIS QUESTIONNAIRE

	POSSIBLE RISK	YES	NO
General Jobsite Safety	Has a Hazardous Materials survey been performed, and a copy given to the HPTC? If not, is a survey necessary?	Hazardous Material Survey module	X
	Will job site activities entail? • Removal of paint and rust with power tools? • Abrasive blasting? • Grinding mortar? • Loading, hauling, chipping, and dumping of rock or concrete? • Sawing or grinding of concrete or masonry? • Demolition of concrete or masonry? • Dry sweeping, or air-blowing masonry dust?	Crystalline Silica Safety Module Medical Monitoring Module	X
	Will this project take place during the COVID-19 Pandemic?	COVID-19 (Coronavirus) Pandemic Safety Module	
	Will any aspect of the project be taking place outside?	Extreme Weather Module	
	Will the job be taking place in a wooded/grassy/overgrown location where rodents, skunks, bats, dogs, cats, foxes snakes, poison ivy, mosquitoes, ticks or chiggers or other irritating insects may be a problem? Moldy, wet or high humidity indoor environments?	Natural/ Biological Hazards Module	X
	Will any part of the project be located directly adjacent to an active roadway?	Roadway Safety Module	X
	Will material be handled at or above head level, will scaffold be erected on site, will there be unstable materials overhead, or will there be a danger of slips or falls during the project? Hard hats are required for all active jobsites.	Hard Hats Module	
	Will any part of the project be taking place in a "confined space"? Click here to view the definition of a confined space	Confined Space Module Confined Space Checklists	X

	POSSIBLE RISK	YES	NO
	Will crewmembers be driving vehicles to get to the jobsite or hotel or to get materials?	Vehicle Safety and Inspection Module	
	Is it possible the public will be able to access the site during normal work hours? After hours?	Visitor Safety Module	
	Will electrical power be utilized?	Electrical Safety Module	
	Will work bring workers, equipment or scaffolding in the proximity of overhead power lines?	Overhead Power Line Safety Module	X
	Is there any risk of fire, no matter how small, at the project site, or will the project be taking place at a facility where fire extinguishers are present?	Fire Extinguishers Module	
	Is there a possibility of any injury or exposure to human body fluids (i.e. blood from an injury) during this project?	First Aid and Bloodborne Pathogens Module	
	Will work be conducted within a historic structure? Or will a historic structure investigation be conducted?	Historic Structure Investigation Module	X
Personal Protection Equipment	Will any materials be disturbed (vaporized, aerosolized, etc.) during this project such as: particulate matter, paint vapors or fumes, dust, saw dust, lead, crystalline silica, plaster, treated lumber, mold, other fumes or gases, etc.	Respiratory Protection Module	
	Will tools or equipment be used longer than the Permissible Exposure Limits as shown in Chart 2? Click here to view chart.	Hearing Conservation Module	
	Will lead paint abatement or disturbance of lead-painted surfaces occur during the project?	Medical Monitoring Module and Lead Module Complete a Lead Compliance Plan (Sample)	X
	Will there be a danger of eye injury due to chemicals or flying particles or will there be a danger of hand lacerations or slivers from rough lumber or sharp stone edges? Is other PPE required?	Personal Protection Equipment Module	
	Will an HPTC employee perform a mortar analysis during this project?	Laboratory Chemical Hygiene Module	X

	POSSIBLE RISK	YES	NO
	Will any materials shown in Chart 1 in the Asbestos Section be disturbed during the project? Click here to view the list of materials. Or has a Hazardous Materials Survey disclosed the presence of Asbestos?	Asbestos Exposure Module Complete an Asbestos Management Plan	X
	Will a skid-steer loader or forklift operator be employed during the project?	Skid Steer Loader Safety Module	X
Fall Safety and Heavy Equipment	Will any of the work be taking place more than 6' off the ground?	Fall Protection Module Complete a Fall Protection Plan Scaffold Checklist Scaffold Checklist Subpart L	X
	Will scaffolding or ladders be required to access any aspects of the project?	Scaffold Safety Module Ladder Safety Module Scaffold Checklist Scaffold Checklist Subpart L	X
	Will the scaffolding be left up longer than one day?	General Jobsite Safety Module	X
	Will a crane, hoist or aerial lift be required to access any areas or to move materials?	Crane, Hoist, Aerial Lift Safety Module; Common Hand Signals Reference the Aerial Lift Checklist	X
	Will there be any trenching or excavating performed greater than 4' deep and/or will any part of the job be performed underground in an unstable, (potentially) hazardous atmosphere such as a utility vault, etc.? Click here to view the definition of a confined space. **Note: Respirators and/or fall protection could also be required for this type of work.**	Trenching & Excavating Module Confined Space Module, if applicable. Understand and use the Soil Classification Guide, if applicable. Trenching Checklist	X
	Will any hand or power tools be used during this project?	Hand & Power Tools Module and Machine Guarding Module and Lockout/Tagout Module	

	POSSIBLE RISK	YES	NO
Tools and Materials	Will there be any welding or soldering on this project or will compressed gas be used in any other manner, such as to power portable heaters? Note: respiratory protection and PPE protection could also be required for this type of work.	Welding and Soldering Module Follow Eye and Face Protection Selection Guide E-1 and Filter Lens Shade Numbers for Protection against Radiant Energy E-2 for selection of proper eye protection/filters/shades for welding work.	X
	Will any flammable materials be used and/or stored on the jobsite including paint thinner, xylene, paint stripper or gasoline or compressed gas, etc.?	Hazard Communication Module and Flammable Material and Storage Module	X
	Will a visibly unstable structure be addressed during this project	General Jobsite Safety Module	X
	Will any stationary equipment located at the Jenkins facility, in the client's facility, or in the field be utilized during this project?	Stationary Equipment Module	X
	Will a chainsaw be used for any part of this project?	Chainsaw Safety Module	X
	Will a metal brake be used for any part of this project?	Metal Brake Safety Module	X
	Will the portable sawmill be used on this project?	Sawmill Module	X

ACCIDENT PLAN

IN CASE OF EMERGENCY DIAL 911

The Jean Baptiste Valle House is located:
99 S Main St, Ste Genevieve, MO 63670

Report Incident To:

- MWR Manager: Josh Glashauckas (240) 741-2632
- Supervisor: Jim Teague (240) 220-4876
- Safety: Adam Mannarino (301) 639-6352
- Superintendent: Moss Rudley (240) 285-6780

Version 1 HPTC Safety Program August 2022

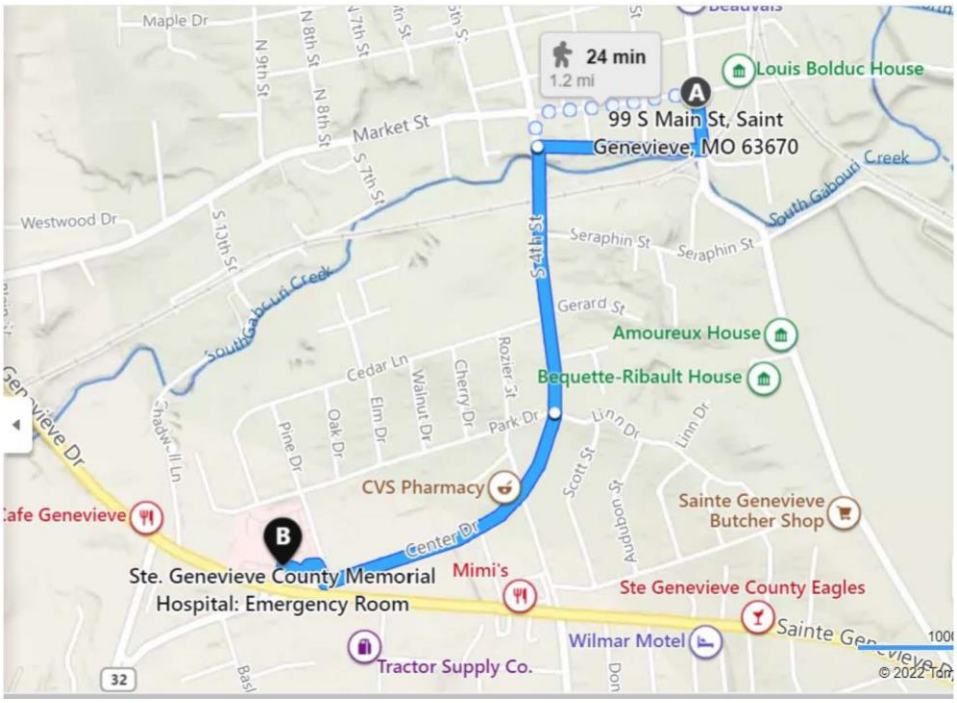
Map to:

Ste Genevieve County Memorial Hospital
800 Ste. Genevieve Dr. Ste. Genevieve, MO 63670
573-883-2751

Approximately 5-minute drive from the Jean Baptiste Valle House to Ste Genevieve County Memorial Hospital

- **Depart JBV House and head south on S Main St toward S Gabouri St.**
- **Turn right onto S Gabouri St**
- **Turn left onto S 4th St (Road name changes to Center Dr)**
- **Enter into parking lot, follow signs to Emergency Room**
- **Arrive at your destination: Ste. Genevieve County Memorial Hospital**

Destination is located at: Ste Genevieve County Memorial Hospital
800 Ste. Genevieve Dr. Ste. Genevieve, MO 63670


24 min
1.2 mi
99 S Main St, Saint Genevieve, MO 63670
Louis Bolduc House
Amoureux House
Bequette-Ribault House
CVS Pharmacy
Sainte Genevieve Butcher Shop
Ste. Genevieve County Memorial Hospital: Emergency Room
Mimi's
Ste Genevieve County Eagles
Wilmar Motel
Tractor Supply Co.
Market St
Seraphin St
Gerard St
Park Dr
Center Dr
Maple Dr
Westwood Dr
Cedar Ln
Pine Dr
Oak Dr
Elm Dr
Walnut Dr
Cherry Dr
Rozier St
Scott St
Linn Dr
South Gabouri Creek
32
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HPTC PPE Hazard Assessment and Job Hazard Analysis Certification

PURPOSE AND COVERAGE
Hazards exist in every workplace in many different forms. According to the Occupational Safety and Health Administration (OSHA) 29 U.S. Code 654 of the Occupational Safety and Health Act (OSH Act of 1970) the employer is required to provide employees a place of employment free from recognized hazards that are causing or are likely to cause death or serious physical harm to employees. The so named General Duty Clause of the OSHA Act necessitates the need to conduct a Job Hazard Analysis (JHA) and Personal Protective Equipment (PPE) Hazard Assessment to identify and eliminate hazards in the workplace.

A JHA is an analysis of the hazards and risk associated which focus on identifying and controlling hazards. Utilizing the JHA will provide a process for analyzing the work activities that will identify the tools, materials and equipment needed to develop work methods and procedures for accomplishing the task. The process will identify existing and potential hazards and assessing the risk and identify methods to eliminate or protect against the hazard.

A PPE Hazard Assessment can be conducted for an area, a job category or for an individual. Affected employees from each work area being assessed should be involved in the process. This assessment will review work-related activities and exposures to determine whether PPE is required for the following categories: fall, torso, eye and face, head, foot, leg, hand, hearing, and respiratory. Multiple PPE Hazard Assessments can be created and implemented on the jobsite. Please note if there will be multiple PPE Hazard Assessments for the jobsite.

These assessments cover employees, interns, and volunteers at the Historic Preservation Training Center (HPTC), National Park Service and incorporates all project sites administered by the HPTC.

CERTIFICATE OF COMPLETION
On the follow date(s), **1/6/2023**, a comprehensive assessment of the workplace/work site hazards was conducted for this project to the best of my knowledge based on the current conditions.

Printed Name and Job Title:
Jim Teague Supervisory Exhibits Specialist

Job Hazard Analysis
Controls: This is how to eliminate or minimize the hazards. There are three types of controls

Version 1 HPTC Safety Program August 2022

- Engineering controls eliminate or reduce exposure to a chemical or physical hazard through the use or substitution of engineered machinery or equipment. This is the preferred control
- Administrative controls are changes in work procedures such as written safety policies, rules, supervision, schedules, and training with the goal of reducing the duration, frequency, and severity of exposure to hazardous chemicals or situations.
- Personal Protective Equipment (PPE) - Personal protective equipment, commonly referred to as "PPE", is equipment worn to minimize exposure to hazards that cause serious workplace injuries and illnesses.

Exposure – When an employee enters a "danger zone" by virtue of their proximity to the hazard

Hazard - An unsafe condition or practice that could cause injury, illness, or property damage and is preventable. Examples of hazards: working at heights, slippery surfaces, exposed moving machinery parts, fire, explosion, noise, electricity, toxic emission, corrosive chemicals, low oxygen, repetitive tasks, heavy lifting, infectious bloodborne pathogens, assault, etc.

Task - Any activity (mental or physical or both) that has been assigned to an employee as a responsibility and carries with it both positive and/or negative consequences based on the performance of that job

Steps to An Effective JHA

1. Define the scope or the work to be analyzed and watch the work being done.
   a. Involve the employee performing the work
2. Break the job down into small tasks or steps.
   a. Each task or step should be written on the worksheet one by one. Avoid creating steps that are too small, as the analysis may become too long and cumbersome.
   b. Watch the employee performing the work
   c. Ask other employees who have performed the task what are the steps to perform the work
3. In the Hazard column identify and write down the hazards associated with each task. **See Common Hazards and Descriptions** for types of hazards. Consider every possible thing that could go wrong. Questions you can ask are:
   a. What could go wrong?
   b. What could cause things to go wrong?
   c. What other factors could contribute to an incident or injury to the worker?
   d. How could equipment be damaged
4. Next the Control Measure should be developed **(See Hazard Control Measures)**. Write down all the possible controls for each of the hazardsidentified in each of the task. There may be several controls that can be used foreach hazard. This may include procedures, practices, and personal protective equipment (PPE)
   a. Controls include and should be implemented in the following sequence:
      i. Engineering – eliminate of the hazard or reduced exposure to thehazard
      ii. Administrative – Reducing the exposure by changing conditions orthe way that the work is done
      iii. Personal Protective Equipment – When exposure to hazards cannot be engineered completely out and administrative control cannot provide sufficient additional protection. PPE is the last lineof defense.
5. After finishing listing the tasks, hazards, and controls, write down any training thatis required to address the hazards, operate equipment, or needed to perform the task.

Version 1 HPTC Safety Program August 2022

6. Write down the types of Personal Protective (PPE) that may have to be used to control the hazards.
7. Review JHA with employees performing the work.
8. The JHA can always be reviewed and upgraded when new information is needed to be added.

Task/ Step	Hazard(s)	Controls/Recommendations	Additional Information
Break the job into a sequence of steps. Each of the steps should accompany some major task.	Identify the hazard(s) associated with each step. Every possible source of energy must be identified. Look at the entire environment to determine every conceivable hazard.	Decide what actions are necessary to eliminate, control or minimize hazards that could lead to accidents, injuries, damage to the environment or illness.	Put any additional information here that should be known by the employee performing the task.
Project Planning, Travel, Mobilization, Demobilization. · Mobilization · Loading and Offloading Equipment, Materials, Tools · Trailering · Commuting	Driving Gov Vehicles	Promote crew communication · Always practice proper lifting techniques · Ensure proper securing and transportation of loads, trailers and equipment. · Don proper PPE at all times · Practice Defensive Driving · Obey the rules/laws of the road. Do not use electronic devices while driving. · Check weather and route conditions. · Inspect the inside and outside of the trailer before loading - tires, tire pressure, any damage, lights, etc. Inspect the inside/outside of gov vehicles and perform checks on operational integrity to include but not limited to	Review safety plan Review accident plan for STGE
Trim Repair and Painting - Ladder Usage	Slips, Trips and Falls	Review Ladder Safety Plan with Crew. Select a ladder that meets applicable OSHA/ANSI standards and is the right ladder for the job.	Ladder height in each work location is expected to be less than 4'. Avoid dangerous overreaching. Move the ladder to a new

		Inspect ladders for defects before use each day and after any occurrence that could damage the ladder. Set the ladder on firm, level ground. Use nonskid ladder feet for added safety. Step or A-frame ladders must be in the open/locked position when in use- do not lean and use these types of ladders.	location when you must lean more than one foot to the side (don't 'walk the ladder'). .
Wood components replacement and repair - Electrical Safety	Electricity	All 120-volt, single-phase, 15- and 20-amper receptacles that are not part of the permanent wiring (i.e., extension cords) must be equipped with ground-fault circuit interrupters (GFCI's) to protect employees from ground-fault hazards at construction sites. Ensure the extension cords are in good condition with ground prong attached, no cuts, scrapes, tears, rips, etc. Ground prong should be intact/not missing. Do not use if missing. If not in good condition immediately remove from service. Make sure that flexible cords (e.g., extension cords) are not run through holes in the wall ceiling or floors, nor run through doorways, windows or similar openings unless physically protected, nor hidden in walls, ceiling, floors, conduits, or other raceways.	Extension cords must be of the grounded, three-wire type. Extension cords and flexible cords used with temporary and (guarded) portable lights must be designed for hard or extra hard usage (for example, types S, ST, and SO). Portable lights must have covers/protecting the bulb. Review Electrical Safety Module

Wood component repair and replacement - Painting and Scraping	Painting and scraping Particulates	• Ensure the SDS for all hazardous chemicals are onsite and accessible to all employees during work hours. Follow the SDS for any required PPE needed. • Consult SDS for all chemicals used. Read and follow labels of chemicals before use. • Appropriately label all secondary containers with the chemical name and hazard statement.	Review protocols for storing and keeping hazardous chemicals to ensure compliance with OSHA regulations. All paint used will be acrylic latex whenever possible. Use appropriate eye or face protection when exposed to eye or face hazards from flying particles. Eliminate the activity or source of atmospheric contaminant by practice modification – all painting will be done in well ventilated locations and outdoors as possible.
Wood component repair and replacement - Working with general carpentry, using power tools	Hand Tools Noise Ergonomics	Wearing eye (in some instances a face shield may be required as well as safety glasses with side shields) and hand protection during prevalent activities. Ensure that the appropriate tool guard is installed and utilized. Pay attention to work surfaces before putting your hands. Regularly inspect your tools to make sure that they are in good condition. Always wear appropriate personal protective equipment. Ensure guards are in place when operating the tool. Never disengage or remove the guard.	Follow HPTC Hearing Conversation/Noise Module

Version 1 HPTC Safety Program August 2022

		Ensure on the job training is provided on the basic operation and safety of power tools being used. Never carry sharp or pointed tools in your pocket. Instead, carry them in a toolbox. Always be aware of the people around you when using tools. Always use the right tools for the job. Never use a tool for a different purpose than it was intended. Only operate tools according to manufacturers' instructions. After using a tool, clean it and return it to its proper storage place. Don't work with greasy or oily hands. Protect your eyes Wearing appropriate ear protection to include earmuffs and/or ear plugs or both depending on noise levels specified in the HPTC hearing conservation plan.	
Equipment operations and materials handling - Ergonomics Ergonomics	Heavy lifting Awkward postures Repetitive motions	• Do not ignore pain. Inform your supervisor immediately if you experience ergonomic discomfort on the job. • Refrain from carrying items that are too heavy (>50lbs). Use mechanical means. • Avoid carrying awkward items or materials. • Take breaks. • Stretch before work.	At the discretion of the work leader, the following practice may be adopted: To avoid long distance carrying of wood planks, material may be cut to size in the workshop before moving material to porch decks.

		• Do not attempt to lift by bending forward. Bend your hips and knees to squat down to your load, keep it close to your body, and straighten your legs to lift. • Never lift a heavy object above shoulder level. • Avoid turning or twisting your body while lifting or holding a heavy object. • **Keep a wide base of support.** Your feet should be shoulder-width apart, with one foot slightly ahead of the other (karate stance). • **Squat** down, bending at the hips and knees only. If needed, put one knee to the floor and your other knee in front of you, bent at a right angle (half kneeling). • **Keep good posture.** Look straight ahead, and keep your back straight, your chest out, and your shoulders back. This helps keep your upper back straight while having a slight arch in your lower back. • **Slowly lift** by straightening your hips and knees (not your back). Keep your back straight, and don't twist as you lift. • **Hold** the load as close to your body as possible, at the level of your belly button.	

		• **Use your feet** to change direction, taking small steps. • **Lead with your hips** as you change direction. Keep your shoulders in line with your hips as you move. • **Set down** squatting with the knees and hips only.	
Exterior Work Operations - Extreme Weather	Cold/Heat Stress Unexpected weather	Both hypothermic and hyperthermic potentials exist on site for the duration of the project. Taking breaks to warm up or cool down depending on the weather. Safety will consist of wearing appropriate clothing (dress safely for the weather), being aware of changes in temperature, and properly hydrating. Drink water. Stay hydrated. Pay attention to forecast- check before the day begins and check during work shifts. Do not work outdoors when lightening or thunder are present.	Project leader and/or competent person should monitor the Weather Channel App regularly for current conditions. Know the signs and symptoms of cold and heat stress- HPTC Extreme Weather Module.
Equipment Operations - Hearing Conservation	Excessive Noise	Hearing protection devices (earmuffs and ear plugs) will be available and conveniently located at the job site and their use will be encouraged, even if certain tasks are below the permissible noise levels and exposure hours. Different types and sizes will be available for employees to choose from that best fits their comfort and needs. Staff to review Hearing Conservation module prior to project start.	No employee will have an eight (8) hour TWA occupational noise exposure greater than 90dBA, the OSHA permissible exposure limit (PEL). Noise producing equipment such as saws will be used in exterior locations as much as possible to limit sound confinement and reverberation.

Wood repair and replacement – Biohazards .	Lead exposure/contamination Elevated blood lead levels Lead exposure Biological, chemical, and physical hazards.	Do not sand, cut, or grind wood that knowingly contains lead-based paint. Repair of deck trim and doors is not expected to have exposure to lead-containing materials. However it is always a good practice to use appropriate safety measures as outlined in the lead specific site safety plan/under guidance for lead RRP. Gloves should be used to protect against lead exposure. Ensure hygiene facilities are onsite and utilized by workers before eating and drink, touching face, etc. on the lead project. -Wear gloves- limit touching of necessary objects -Be mindful of where equipment, tools, materials, etc. are laid down -Limit the amount of dust generated- if possible, spray down dusty areas with water to reduce airborne dust. -Wear approved respirator **if space is known to have lead dust**- half face with P100 filter- ensure fit tested before wearing a tight-fitting respirator. -Wear booties / clothes covering and remove after leaving the inspection to prevent tracking back lead dust into vehicles, buildings, living spaces, etc.	STGE reported no lead paint is believed to be present in the identified work locations Consult the HPTC Lead Safety module for more information. Ensure all workers are provided with information on the health hazards of lead and how to protect themselves from exposure.
Equipment Operations - Fire Safety	Use of power equipment near old and dry wood	Ensure each person assigned to the project has been trained in how to use a fire extinguisher.	Use potential spark producing equipment, such as saws, in exterior locations well away

		Ensure fire extinguishers on the project are easily accessible and operational within 75' of worksite. Ensure fire extinguisher is a minimum of 2A. Ensure crewmembers have fire extinguishers within reach when using powered equipment	from potentially flammable sources.
Equipment Operations and wood component repair and replacement – First Aid and BBP	Potential for Lacerations	All projects and will be equipped with stocked first aid stations, including kits conforming to American National Standard (ANSI) Z308.1-1978 "Minimum Requirements for Industrial Unit-Type First-aid Kits." Stations will also include latex gloves or nitrile gloves for those with latex allergies, an eyewash kit and CPR breathing barriers. The contents of the first aid kit will be placed in a weatherproof container with individual sealed packages for each type of item. The contents will be checked by the competent person/project leader before being sent out on each job and at least weekly on each job to ensure that the expended items are replaced. In the event of an injury requiring professional medical assistance, an Accident Report will be developed containing the following information: description of events, contributing factors, breakdown in	All covered employees have received First Aid training and training in exposure to and dealing with bloodborne pathogens or other potentially infectious materials. PPE will be provided to all employees at risk of occupational exposure to bloodborne pathogens. Employees will review project safety plan and emergency medical response notification. Secure portable toilet facilities (if used) daily to ensure no unauthorized use occurs after work hours.

		response, and remedial action taken.	
Visitor Access – Worksite Safety	Visitors in jobsites Struck by Caught in between Physical and chemical hazards	-Proper signage -Communication with park staff on visitor related activities -Barricades around active work areas	
COVID-19	Respiratory illness	Follow all applicable DOI, NPS, HPTC and STGE COVID protocols, policies, and procedures. Ensure timely reporting of potential COVID illness to supervisor and project leader.	

PPE Hazard Assessment

INSTRUCTIONS

As part of the Project Safety Plan, an official HPTC supervisor shall complete this assessment for ***each project, area, and/or job category (task) as necessary*** to determine the minimum level of PPE for their employees who are assigned to the project listed below. Within each category is a series of prompts or questions related to typical operations of concern. If any of these questions are answered with a 'yes', then PPE is required for that category and shall meet the requirements and specifications outlined in 29 CFR 1926 Subpart E – Personal Protective and Life Saving Equipment.

Project Title: **Replace Porch Decking at JBV House**
Project Location: **STGE**
Project Specific Task/Area (Optional): Front and Rear Porch decks
Project Crewmember(s) (Optional): McGuire, Bell, Agurkis
Project Leader: **Jim Teague/Henry McGuire**
Project Supervisor: **Jim Teague**

On the follow date(s), 1/31/2023, a comprehensive assessment of the workplace/work site hazards requiring the use of PPE, as required by 29 CFR 1910.132(d) of the OSHA General Industry Standards, was conducted for this project, area and/or job category (task) to the best of my knowledge based on the current conditions.

Required Personal Protective Equipment (choose all that apply for this task. If other, please specify)	
Exposed to irritating dust or chemical splashes? Exposed to sharp or rough surfaces? Exposed to extreme heat? Exposed to acids or other hazardous substances?	*Might tools, heavy equipment or other objects greater than 75lbs. roll, fall onto or strike your feet? Work with or near exposed electrical wiring or components? Handle or work near employees who handle molten metal? Work with explosives or in an explosive atmosphere? Exposed to hot substances or dangerous chemicals? Operating chain saws, timber saws, or portable saw mills?*
Body Protection 	**Foot and Leg Protection** 
☒None Required	☐ None Required
☐ Chemical- Resistant Apron	☐ Foot/Shin Guards
☐ Disposable Gown	☐ Knee Pads
☐ Disposable Sleeves	☐ Shoe Covers
☐ Flame Resistant Coveralls	☐ Metatarsal Guards
☐ Lab Coat	☐ Shoe Covers
☐ Leather Apron/Coveralls/Jacket	☒ Slip Resistant Shoes/Boots

Version 1 HPTC Safety Program August 2022

☐ Reflective Vest ☐ Welding Coat ☐ Tyvek Suit ☐ Safety Vest ☐ Other_____	☐ Chemical Resistant Shoes/Boots ☒ Steel/Composite Toe Safety Shoes/Boots ☐ Chainsaw Chaps ☐ Leg Guards ☐ Waders ☐ Waterproof Shoes/Boots ☒ Puncture Resistant Shoes/Boots ☐ Leather Leggings ☐ Dielectric Electric Overshoes ☐ Other_____
Performing work on a walking or working surface (horizontal and/or verticial surface) with an unprotected side or edge, which is 6 feet or more above a lower level?	*Utilizing scaffolding, ladders, aerial lifts, or heavy equipment for this project, task or within the work area identified? Working in a pit, trench, or bottom of a wall where co-workers would be able to work above them? Might tools or other objects fall from above and strike your employees on the head? Will your employees' heads when they stand or bend be near expose beams, machine parts, pipes, logs, scaffolding, etc.? Work with or near exposed electrical wirng or components?*
Fall Protection  ☒ Fall Protection Not Required ☐ Fall Protection Required ☐ Other_____	**Head Protection**  ☐ Flame-Resistant Balaclava ☒ Hard Hat- Class C (no electrical hazard) ☐ Hard Hat- Class E (<20,000V) ☐ Hard Hat- Class G (<2,200V ☐ Other _____
Hands encounter tools or materials that might scrape, bruise, or cut? Handle chemicals that might irritate skin? Will work procedures require your employees to place their hands and arms near extreme heat? Hands and arms be placed near exposed electrical wiring or components?	*Exposed to specific air contaminates above the permissible exposure limits (PEL) including irritating dust, particulate, toxic gas, and vapor? See 29 CFR 1910.134 for specific air contaminates. Exposed to contaminates specified in the HPTC written respiratory protection plan?*
Hand Protection  ☐ None Required ☐ Chemical Resistant Butyl Gloves ☐ Chemical Resistant Nitrile Gloves	**Respiratory Protection**  ☐ None Required ☐ Full-Face Respirator ☐ Half-Face Respirator

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☐ Chemical Resistant Rubber Gloves ☐ Cryogen Gloves ☐ Disposable Nitrile Gloves ☐ Disposable Vinyl Gloves ☐ Electrical Safety Gloves ☒ Leather Gloves ☐ Wire Mesh Gloves (cut resistant) ☐ Welding Gloves ☒ Rubber Coated Fabric Gloves ☐ Other_____	☒ N-95 Respirator ☐ Powered Air Purifying Respirator (PAPR) ☐ Self-Contained Breathing Apparatus (SCBA) ☐ Other_____
Exposed to loud noise from machines, tools, or construction activities? Exposure to noise levels above the action level threshold of 85 dBA Time Weighted Average (TWA). Using tools and/or equipment specified in the HPTC hearing conservation program as requiring the use of hearing protection devices?	*Perform tasks or work near employees who perform tasks that might produce airborne dust or flying particles? Handle, or work near employees who handle hazardous liquid chemicals? Exposed to other potential physical or chemical irritants? Exposed to intense light or lasers? Faces be exposed to extreme heat? Faces be exposed to other potential irritants?*
Hearing Protection  ☐ None Required ☐ Earmuffs ☒ Ear Plugs ☒ Earmuffs and Ear Plugs ☐ Other_____	**Eye and Face Protection**  ☐ Arc-Rated Face Shield ☐ Face Shield ☐ Laser Eyewear ☒ Safety Glasses with Side Shields ☐ Other_____ ☒ Safety Glasses ☐ Safety Goggles ☐ Safety Glasses/Goggles with Face Shield ☐ Welder's Goggles ☐ Welder's Helmet

Appendix

- Project Photographs
  - March Site Visit 111
  - Week of April 7 118
  - Week of April 15 124
  - Week of April 21 132
  - Week of April 27 138

March Site Visit





























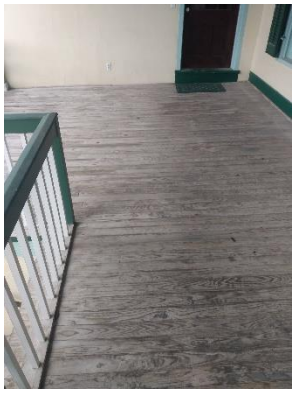








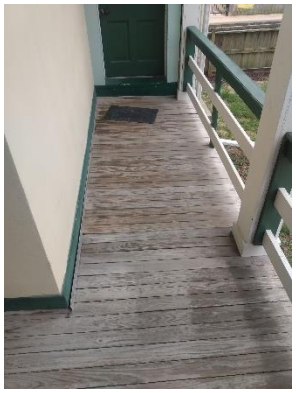




















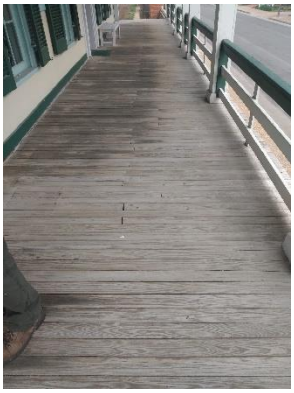




































LODGE NO. 109
CHARTERED 1807
Louisiana Territory







Week of April 7 Photographs

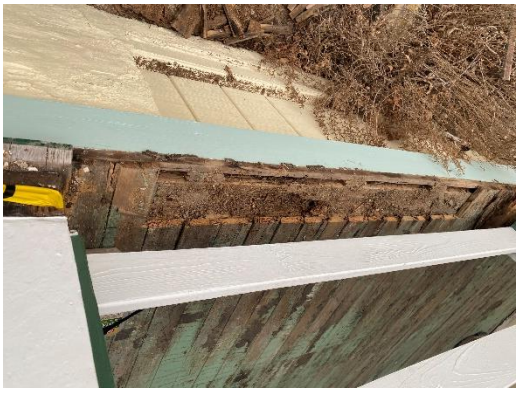




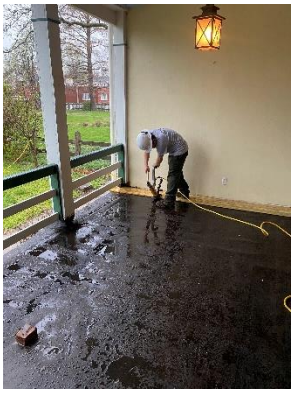






















CAUTION





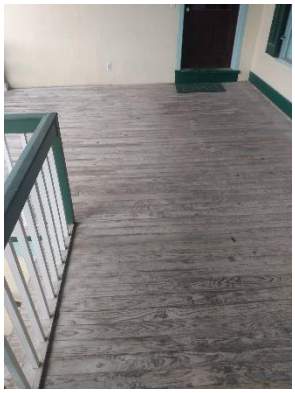

































Week of April 15 Photographs













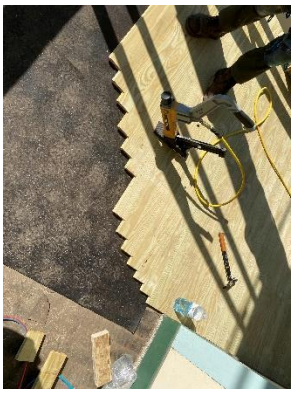
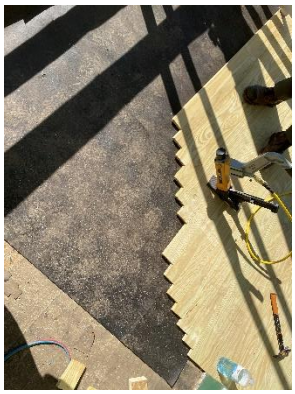
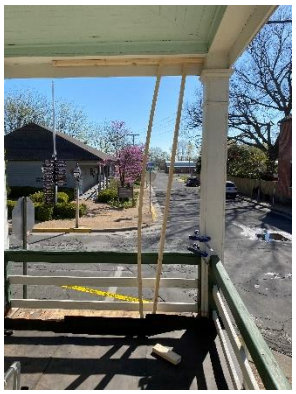


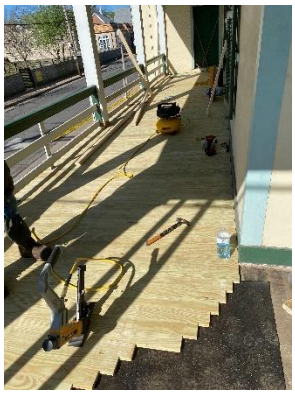
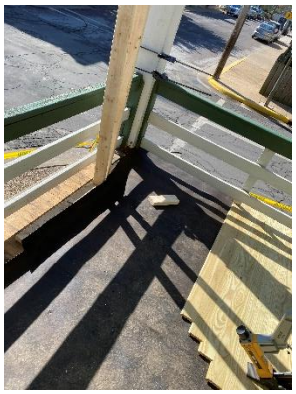






















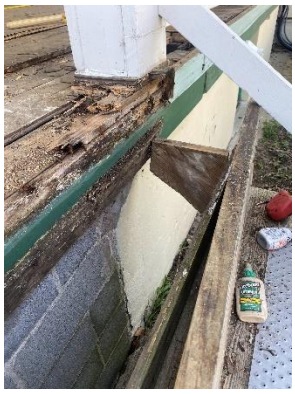


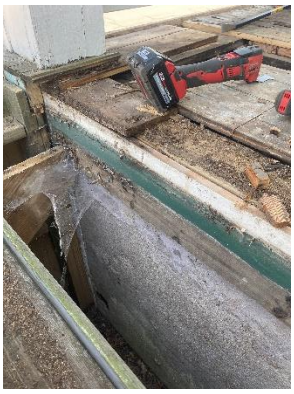






























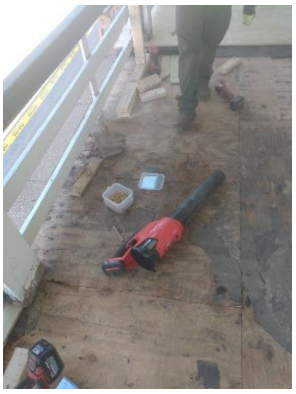

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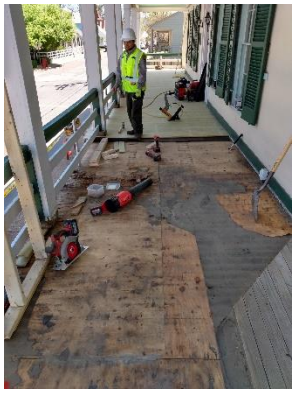






















Week of April 21 Photographs



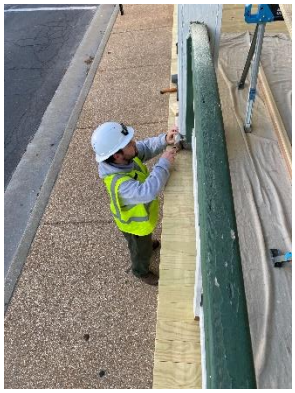


























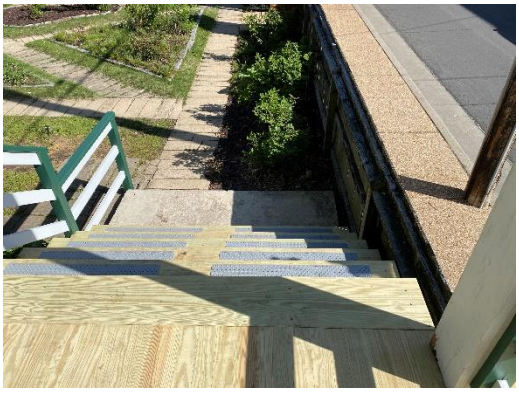












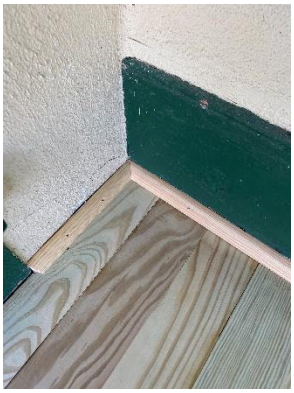














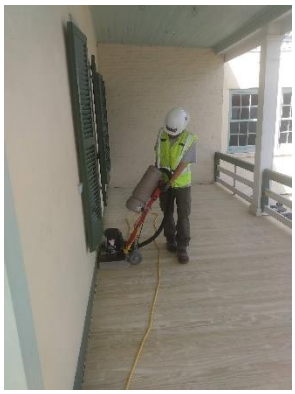




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Week of April 27 Photographs



