



SANFORD UNDERGROUND RESEARCH FACILITY

SOUTH DAKOTA SCIENCE AND TECHNOLOGY AUTHORITY

Historic Preservation Standard

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Revision History

Rev	Date	Section	Paragraph	Summary of Change	Authorized by
01	3/27/2024	NA	NA	Initial Release	CCR 919
02	5/29/2024	NA	NA	Updated Logo	CCR 946

1.0 Purpose

The purpose of this standard is to provide personnel at Sanford Underground Research Facility (SURF) guidance to ensure compliance with federal, state, and local historic preservation laws and with the Long-Baseline Neutrino Facility and Deep Underground Neutrino Experiment (LBNF/DUNE) Historic Preservation Programmatic Agreement (PA).

A portion of the SURF property has been included in a National Register of Historic Places District, known as the Lead Historic District (District). As a result, SDSTA must identify and consider historic resources that might be affected by a new project and attempt to resolve any adverse effects through consultation with the Lead Historic Preservation Commission (LHPC) and the South Dakota State Historic Preservation Office (SDSHPO) (for non-federally funded projects) or with the LHPC, SDSHPO, the Department of Energy (DOE), and other consulting parties as set forth in the PA (for federally funded projects).

South Dakota Science and Technology Authority (SDSTA) references the following to fulfill this standard:

- Section 106 of the National Historic Preservation Act (NHPA)
- South Dakota Codified Law Chapter 1-19A-11.1
- City of Lead Historic Preservation Ordinances
- PA Among the United States Department of Energy, Advisory Council on Historic Preservation, South Dakota Science and Technology Authority, and the South Dakota State Historic Preservation Officer, regarding construction and operation of LBNF/DUNE (dated 2015, and valid for 20 years)

2.0 Scope

This Standard applies to all personnel at SURF.

3.0 Definitions

Historic Preservation – the process of identifying, protecting, enhancing, and interpreting buildings, structures, sites, objects, districts, and landscapes of historic and cultural significance.

Historic Resource – any prehistoric or historic district, site, building, structure, or object included in the National Register of Historic Places, including artifacts, records, and material remains related to such a property or resource.

4.0 Responsibilities

4.1. Executive Director of SDSTA

- 4.1.1. Ensures personnel, financial, and administrative resources to maintain compliance with this standard.

4.2. Environment, Safety, and Health (ESH) Department

- 4.2.1. Develops, implements, and updates this standard.

- 4.2.2.** Understands the PA and federal, state, and local laws and regulations relating to historic preservation.
 - 4.2.3.** Develops and provides Historic Preservation Training to affected personnel.
 - 4.2.4.** Interfaces with the SDSHPO.
 - 4.2.5.** Interfaces with the LHPC.
 - 4.2.6.** Interfaces with the DOE for federally funded projects.
 - 4.2.7.** Prepares an Annual Report as required by Stipulation 1 of the PA.
 - 4.2.8.** Receives Historic Preservation Training at least once every two years as required by Stipulation 7 of the PA.
 - 4.2.9.** Maintains documents and records of historic preservation projects.
- 4.3.** Department Directors
- 4.3.1.** Communicate this standard throughout their department.
 - 4.3.2.** Ensure that departmental staff comply with this standard.
- 4.4.** SDSTA Personnel and Users
- 4.4.1.** Adhere to this standard.
 - 4.4.2.** Complete required Historic Preservation Training.
 - 4.4.3.** Conduct work in a manner that does not change or cause adverse effects to historic resources.
 - 4.4.4.** Notify the Environmental Manager at least 90-days prior to undertaking a project that may change or cause adverse effects to historic resources (see Section 5.2).
 - 4.4.5.** Immediately notify the Environmental Manager in the event of the inadvertent discovery of human remains, funerary objects, or historic resources.

5.0 Instructions

- 5.1.** It is the responsibility of the Project Manager to consult with the Environmental Manager at least 90-days prior to beginning any of the following:
- The construction of any surface structure, or
 - Exterior or interior work on any surface structure over 45 years old or the addition to a surface building regardless of building age, or
 - Disturbing the surface or subsurface of the ground in areas that have not previously been disturbed (including disturbances at a new depth even if the area was previously disturbed), or
 - Transporting construction materials or excavated rock on roads that are adjacent to historic resources or pass through the District, or
 - Placing excavated rock in an area other than the Open Cut or the Gilt Edge Site.
- 5.2.** Federally Funded Projects
- The Environmental Manager will review the project to determine if it can be excluded from historic preservation review and consultation as per Appendix C of the PA (activities that do not have the potential to encroach upon, damage, or destroy historic resources).
 - If the project is not specifically exempted, survey-level documentation will be completed as per Stipulation 4 of the PA. This includes documentation prepared by a qualified professional in consultation with SDSTA and DOE, consisting of the South Dakota State Historical Society Section 106 Project Review Form.

- A project description and effect determination will be sent to the PA Consulting Parties who will be provided 45 calendar days to review the proposed project. If no comments are received within 45 days, the result is a finding of “No Historic Properties Affected or No Adverse Effect Determination” and the SDSTA will implement the project. If comments are received the result is a finding of “Resolution of Adverse Effect” and the SDSTA will consult with the commentor to resolve the issue as per Stipulation 6 of the PA.

5.3. Non-Federally Funded Projects

- The Environmental Manager will review the project to determine if the proposed project meets any of the exclusions in Appendix C of the PA.
 - If the proposed project DOES MEET any of the exclusions, then:
 - ◆ Contact the LHPC and obtain their concurrence that the project is excluded from review and consultation because it is an excluded activity in Appendix C of the PA, and therefore does not have the potential to encroach upon, damage, or destroy historic resources. If the LHPC concurs that the project is excluded, then the project can be implemented. If the LHPC does not concur, then continue with review and consultation with the LHPC and enter the project into the SDSHPO’s Electronic Review and Compliance System.
 - If the proposed project DOES NOT MEET any of the exclusions, then:
 - ◆ Initiate project review and consultation by contacting the LHPC and entering the project into the SDSHPO’s Electronic Review and Compliance System.

5.4. Training

- Training will be given to affected personnel.

5.5. Record Keeping

- All documents and records associated with projects listed in Section 5.2, the PA Annual Report, and other historic preservation records are maintained by the Environmental Manager.
- All training records are maintained in an electronic database.

6.0 Documented Information/Related Documents

6.1. ESH-(8000-A)-XXXXXX Preservation Programmatic Agreement (PA)