

File:
Independence

Also noted:

GLDE
EDAL
THKO

September 29, 1994

Dr. R. R. R. R. R. 9/24/94
for Superintendent, Independence NHP Date

active Walter W. Green 10/18/94
Regional Director, Mid-Atlantic Region Date

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INTRODUCTION

Purpose of This Plan

This Resource Management Plan (RMP) is being developed to update the preceding plan for Independence National Historical Park. It will provide direction and continuity and establish priorities for the protection and preservation of park resources. This plan reflects the resource management directives described in the Statement for Management for the Park. Its objectives will also be discussed in the General Management Plan (GMP) the revision of which has just begun.

The natural and cultural resources management program sections include an overview and needs section that identifies the most significant problems and issues facing the park. It establishes the priorities and justifies the basis for that action. Four year schedules of resource management, monitoring, and research actions are outlined. The plan discusses past and current activities and establishes actions to be taken in the future.

This plan does not address issues that are not directly related to the park's natural and cultural resources. For instance, it does not deal with maintenance issues at the Visitor Center, since that structure is not classified as historic. The Visitor Center would only be dealt with to the extent that natural or cultural resources are involved, which are nil.

The plan also does not deal with Social Science issues. These issues have not been addressed in the past, and have not been defined for Independence. They will be addressed in the General Management Planning process, and in the Interpretive Prospectus to follow. Social science issues will be addressed in the next version of this plan.

Environmental and historic compliance needs are included in each project statement. Separate environmental assessments and XXX cultural clearances will be made for appropriate projects.

The park's Resource Management Plan will be updated every two years to include new information gained from current investigations, to refine management actions, and to adjust priorities.

Management Objectives

These objectives are based on the mandates of the NPS Organic Act of 1916 and the Park's enabling legislation. Direction is derived from the National Historic Preservation Act, the Antiquities Act, and other laws, regulations, and Executive Orders. They are the result of recent workshops run by the Mid-

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Atlantic Regional Office Division of Planning as part of writing
the Park's new Statement for Management.

DRAFT

INDE MANAGEMENT OBJECTIVES

Management Philosophy

To preserve, protect and interpret the cultural resources at INDE that represent historic Philadelphia as the political, economic and cultural center of America in the late 18th and early 19th century, and that convey the evolution of democracy in America - its successes and failures, myths and realities, potential and fragility - as seen in the Declaration of Independence and in the Constitution of the United States.

Park Setting

To provide a pedestrian environment within INDE's primary resource area that creates a setting evocative of late 18th and early 19th century Philadelphia so that visitors may appreciate the momentous ideas of the revolutionary and federal era.

To maintain a visual connection between the Liberty Bell, Independence Hall - a World Heritage Site, and the vistas of the Mall in a manner that respects the park's historical significance and dignified setting.

Human Resources

To recruit and maintain a skilled, dynamic and diverse work force at INDE in order to provide the highest quality resource protection and visitor services, support EO goals, ensure professional growth opportunities, strengthen employee morale, and reduce inefficiencies associated with high employee turnover.

Resource Protection

To maintain and preserve the significant resources associated with the American Revolution and the establishment and early development of the United States.

Interpretation

To provide an experience that conveys the democratic ideals that created this nation and that are represented at INDE.

Maintenance

To maintain, in an appropriate setting, the historical resources of INDE - its buildings, grounds, walks, walls, lighting and other features - in order to preserve the uniqueness of the park; the sites, places, events, and people that forever shaped this nation.

To enhance/ensure preservation of the historic resources and setting of INDE by managing a state-of-the-art utilities infrastructure program for the park's buildings and grounds, using sustainable design concepts.

Visitor Experience

To provide pre-arrival and on-site visitor orientation and information that recognizes the diverse needs of visitors their multiple arrival points to INDE and Philadelphia, and helps manage the flow of visitor traffic throughout INDE and the associated NPS sites in the city.

To foster a strong feeling of safety throughout the park so that visitors can fully enjoy their park experience and the surrounding urban environment.

Partnerships

To develop and lead partnerships with the city of Philadelphia, public and private institutions, businesses and individuals, in order to create dynamic, effective cooperative efforts that promote INDE's management philosophy and enhance appropriate protection and interpretation of the park's resources, and their enjoyment by residents and visitors.

Special Uses

To encourage and permit those activities that are directly related to INDE's purpose, significance and management philosophy.

To allow for other activities, in designated park locations, that do not detract from the visitor experience and do not denigrate park resources.

EDAL MANAGEMENT OBJECTIVES

Management Philosophy

To preserve, protect and interpret the cultural resources that represent the literary contributions of Edgar Allan Poe and his life in Philadelphia.

Human Resources

To recruit and maintain a skilled, dynamic and diverse work force at EDAL in order to provide the highest quality resource protection and visitor services, support EO goals, ensure professional growth opportunities, strengthen employee morale, and reduce inefficiencies associated with high employee turnover.

Resource Management

To maintain and preserve EDAL's significant historical resources and its grounds.

Interpretation

To provide educational experiences, both on- and off-site, that convey an understanding of the variety and wealth of Poe's literary achievements and of his life in Philadelphia.

Visitor Experience

To increase visitation at EDAL in order to provide greater appreciation and knowledge of Poe's life in Philadelphia and of his literary contributions.

To foster a strong feeling of safety so that visitors can fully enjoy their park experience and the surrounding urban environment.

Partnerships

To promote mutual cooperation and support with the city of Philadelphia and other partner, in order to achieve common goals consistent with EDAL's management philosophy.

THKO MANAGEMENT OBJECTIVE

To preserve, protect and interpret the cultural resources at THKO that convey the role of Thaddeus Kosciuszko as a soldier and patriot in the struggles to achieve democracy in Poland and the United States.

Natural Resource Baseline Information

NATURAL RESOURCES BASELINE INFORMATION

The natural resources of Independence National Historical Park are managed to meet Park management objectives. There are no known threatened or endangered species which occur within Park boundaries. Natural resource inventorying and monitoring is primarily limited to the ecological impacts associated with preservation of historical elements, and maintenance of natural resources as elements of cultural landscapes and developed landscaping.

The Philadelphia area (Philadelphia, Wilmington, Trenton) has exceeded federal air quality standards for Ozone every year from 1979-1988. Levels for Carbon Monoxide have exceeded the standard once (1979) in the same ten year period. Other air quality standards are currently being attained. (National Air Quality and Emissions Trends Report, 1988, by EPA, 450/4-90-002, March, 1990). An air quality study was begun by NPS in 1988 to determine the type and impact of air pollutants on the Merchants' Exchange Building. This study is still in progress.

A proposal has been submitted to volunteer ornithological groups to conduct a breeding bird survey within Park boundaries. Due to the Park's proximity to the Delaware River there may be significant numbers of migrating birds which spend some time in the Park. At this time there is no documentation to support this theory.

Inventories are maintained for trees and shrubs as a function of landscape maintenance. Likewise monitoring plans for certain species are being developed as part of the Park's Integrated Pest Management program.

The following tables list the Park's current status on Inventory and Monitoring of baseline data. Baseline data is described as either meeting or not meeting the minimal standards as established in the servicewide "Standards for Natural Resources Inventorying and Monitoring," NPS-75. In many instances where the status is listed as not meeting the minimal standards, the Park may not have a project statement to correct this situation because there are no significant resources in this category.

ASSESSMENT OF EXISTING NATURAL RESOURCE INVENTORYING & MONITORING PROGRAMS		
Function	Meets Standard	Below Standard
Chemical Inventorying & Monitoring		
Surface Waters	NA	
Atmospheric Deposition		X
Geophysical Inventorying & Monitoring		
Natural event records	X	
Develop Maps:		
Imagery from satellites	NA	
Topographic	X	
Geology:		
Geologic Maps	X	
Soils	X	
Physical geology, mineralogy and soils:		
Soils analysis		
Sediment transport	X	
Principle mineral composition	X	
Geo-hazards	X	
Hydrology:		
Develop watershed maps	NA	
Inventory through description:		
Streams	NA	
Wetlands	X	
Groundwater	X	
Measure physical parameters:		
Temperature	NA	
Turbidity	NA	
Stage and discharge	NA	
Create hydrologic models of surface water	NA	
Meteorology		
Indicate meteorological parameters:		
Precipitation		
Air temperature	X	
Atmospheric conditions (e.g. RH, wind direction, etc.)	X	

ASSESSMENT OF EXISTING NATURAL RESOURCE INVENTORYING & MONITORING PROGRAMS		
Function	Meets Standard	Below Standard
Biological Inventorying & Monitoring		
Historical database	X	
Species:		
Inventory of vascular plants including distribution		X
Inventory of mammals, birds, fish, amphibians and reptiles including distribution	X	
Listing of species that are threatened, endangered, endemic or non-native	X	
Distribution map of plant and animal species	X	
Populations:		
For selected species:		
Distribution		
Population size/density/cover	X	
Age/stage/size class structure	X	
Growth/recruitment/productivity mortality	X	
Communities		
Vegetation/land cover map	X	
Integration	X	
Qualitative community descriptions to correspond with vegetation map	X	
Geography:		
Location of resources associated with an appropriate base map series and coordinate system	X	
Resources mapped accurately to GIS standards	X	
Accurate and comprehensive representation of park landscape (e.g. satellite, aerial photography, survey as appropriate)	X	

ASSESSMENT OF EXISTING NATURAL RESOURCE INVENTORYING & MONITORING PROGRAMS		
Function	Meets Standard	Below Standard
Human Use		
Event Records		X
Maps:		
Develop maps to indicate present areas of use	X	
Develop maps to indicate past areas of use	X	
Human Activities:		
Identify each type of activity present (e.g. farming, grazing, residential, recreation, etc.)		X
Quantify the identified activities (e.g. yield/acre, density, number of visitors)		X
Ownership		X
Identify whether ownership is public or private		X
Indicate owner for each area		X
Demography		X
Domestic Animals		X
Legal Matters		
Cite Acts, regulations, policies, etc.		X
Indicate management activities/planning		X
Education Activities		X
Regional Land Use Planning		X
Other Social Science Studies		
List Human Studies		X
List Economic Studies		X

Cultural Resource Baseline Information

CULTURAL RESOURCE DOCUMENTATION CHECKLIST			
TITLE	CURRENT AND APPROVED	INCOMPLETE; NEEDS REVISION OR UPDATING	NEEDED
PLANNING DOCUMENTS			
Preauthorization and Authorization Statement for Management (SFM) Outline of Planning Requirements (OPR) General Management Plan (GMP) Development Concept Plan (DCP) Resources Management Plan (RMP) Interpretive Prospectus (IP)	X	X X X X X	X
SERVICEWIDE INVENTORIES, LISTS, CATALOGS, AND REGISTERS			
Cultural Resources Bibliography (CRBIB) Cultural Sites Inventory (CSI) List of Classified Structures (LCS) National Catalog of Museum Objects National Register of Historic Places	X X X	X	X
BASIC CULTURAL RESOURCE DOCUMENTS			
Archeological Overview and Assessment Archeological Identification Studies Archeological Evaluation Studies Ethnographic Overview & Assessment Oral Histories & Life Histories Ethnographic Program (N/A) Historical Base Maps Historic Resource Study (HRS) Park Administrative History Scope of Collection Statement	X	X X X X X X X	X X

CULTURAL RESOURCE DOCUMENTATION CHECKLIST			
TITLE	CURRENT AND APPROVED	INCOMPLETE; NEEDS REVISION OR UPDATING	NEEDED
SPECIAL RESOURCE STUDIES AND PLANS			
Archeological & Ethno. Collection Studies			X
Archeological Data Recovery Studies			X
Collection Management Plan			X
Collection Storage Plan		X	
Collection Condition Survey			X
Cultural Landscape Report (CLR)			X
Ethnohistory (N/A)			
Exhibit Plan		X	
Historic Furnishings Report		X	
Historic Structure Preservation Guide (HSPG)		X	
Historic Structure Report			X
Social Impact Study			X
Special History Study			X
Traditional Use Study			X

CULTURAL RESOURCE SIGNIFICANCE

Independence National Historical Park is a 42.28 acre historical park located in center city Philadelphia, Pennsylvania. The park was established in 1948 by Public Law 80-795. The establishment of the park was a direct result of the recommendations of the Philadelphia National Shrines Park commission chartered by Congress in 1946. Today, the Park also manages Edgar Allan Poe National Historic Site, Thaddeus Kosciuszko National Memorial, and Gloria Dei (Old Swede's) Church National Historic Site.

Significance

Independence National Historical Park was established to maintain, protect and interpret significant sites associated with the American Revolution and the establishment of the United States:

The American Revolution

The two Continental congresses assembled here to unite the 13 colonies in the conduct of war and the making of peace. The Declaration of Independence, the Articles of Confederation (the United States first government charter), and the Constitution of the United States were debated, drafted, and signed in Independence Hall. Benjamin Franklin was appointed the United States' first ambassador to a foreign nation (France) in the Hall.

Philadelphia, The Capital City

Philadelphia became the capital of the United States in December, 1790 and remained so until August, 1800. During this period the Congress of the United States sat in Philadelphia County's Court House, now known as Congress Hall. The U.S. Supreme Court sat in Philadelphia's City Hall. The Bill of Rights was added to the Constitution and three new states were admitted to the Union in this decade. George Washington was inaugurated for his second term and here John Adams succeeded him as our second President. The First Bank of the United States was established here.

Benjamin Franklin: Man of Ideas

The Park memorializes Benjamin Franklin, the United States' first citizen of the world, at the site of his home. Several of the institutions founded by Franklin are in and/or adjacent to the Park.

Historic Preservation

Independence National Historical Park's role in the historic preservation movement began in 1828 with the first restoration of Independence Hall, when William Strickland designed the replacement wooden steeple atop Independence Hall Tower. Independence Hall is also a World Heritage Site.

Cultural Resource Programs and Priorities

CULTURAL RESOURCE MANAGEMENT PROGRAMS AND PRIORITIES

Independence National Historical Park contains some of the nation's most important cultural resources. These range from structures such as Independence Hall where the United States of America was founded and its Constitution was framed, to a significant collection of fine and decorative arts, to a tremendous body of data on urban life and the history of preservation in America, which includes an architectural study collection, an archeological collection, and an archival collection. The recognition of the need to protect and preserve these culturally-significant treasures began with an outcry in 1816 when the public discovered that the City of Philadelphia had permitted the removal of the original panelling from the Assembly Room of Independence Hall. Since that date, preservationists have struggled to preserve, protect, and interpret the historic setting that now comprises the Park. The National Park Service arrived relatively late to this effort, only having officially assumed control of the buildings and their contents in 1951. With the Park Service, however, came the introduction of methodical, multi-disciplinary, extensive research. In fact, so many investigative techniques and applications were pioneered at Independence that the history of cultural resource preservation in America and the history of Independence National Historical Park are inextricably linked.

The management of the park's cultural resources is complicated by the renewal and development of the surrounding urban area and by the changing policies and guidelines within the National Park Service during the past 42 years. The creation of Independence National Park, during the era of urban renewal, inspired the revitalization of the surrounding area. This revitalization has brought its own unique problems for the cultural resources. As tourism to this area has increased, so have petty crimes and vandalism. Likewise, the increased frequency and scale of celebratory events in the Park as well as special interest groups' use of the Park as a staging area for the exercise of their First Amendment rights also pose threats to the resources. There is no single entrance to Independence Park, no walls demarking its boundaries. Visitors arrive from every direction. At Independence, we are challenged to protect our resources while we facilitate access to them for over 1.5 million visitors to our buildings each year plus countless users of the open space areas. A similar challenge lies in the management of the Park's

collections and archival materials.

The Park has under its care over a century of primary records describing the cultural resources. These records are used to inform preservation and other management decisions. The documents' variety and complexity is such that we must make their security, organization and access a priority or risk their loss. Like other Parks, Independence is in the throes of adjustment to the technological advances of information management. The photographing, plotting, mapping, and otherwise recording of the cultural resources for ease of storage, retrieval and data manipulation will remain a priority through the remainder of this century.

One of the most important cultural resource issues in the Park is the utilities improvement project. This project proposes to upgrade the utilities in all Park buildings over the next ten years. New protection and fire detection and suppression systems will also be added. During the course of this project, historic refurbished buildings now open to the public will be removed while the improvement work occurs. In preparation for this project, the chief archeologist of the Denver Service Center's Eastern Team has undertaken the ambitious task of mapping the park's below ground cultural resources in AutoCAD. these maps will guide decisions on the paths of underground system delivery lines. The project will probably require some mitigation archeology along the pathways of underground delivery systems. All of this work will necessitate close monitoring to protect the resources. All branches of the CRM Division will feel the competing demands of keeping this project on track while executing their normal duties and programs. In addition to improved conditions for park resources, several by-products of the utilities improvement project will benefit cultural resources management.

The first improvement adjunct to the utilities project is the redefinition of non-public space. Park administration will examine this issue as the utilities project moves through its phases. Centralized storage in a museum quality environment is a major area of concern. At present, the park's museum collections are dispersed throughout four major buildings, one of which is Temple University where the Area F archeology collection is housed. The materials at Temple University should be brought to the park for cataloging and care. Storage conditions should conform to those specified in NPS 80-1 and NPS 36 CFR part 79

which governs archeology. Ideally, the storage should be centralized, secure, and have a controlled environment. Present conditions do not meet those standards. While we have made every effort to store the museum collections according to acceptable standards of museum practice, the interior climates in three of the locations fluctuate. Three of the storage areas are in basements. It is hoped that the redefinition of space in non-public use areas of the park will result in acceptable collections storage.

The second adjunct benefit of the utilities improvement project will be the data it generates for future studies. By the conclusion of this project, we will have an improved archeological base map and measured drawings of buildings in Auto CAD which will become the GIS data base. We intend to add to this base from information gained through historic mapping and cultural landscape projects.

The third adjunct benefit from the utilities project will be the increase of public awareness of the park's preservation efforts because of the project's compliance requirements and because of the planning efforts such as the General Management Plan and the Statement for Management which are being conducted simultaneously. The public review required by these documents and undertakings will, hopefully, build consensual support for the park's mission and, thereby aid its accomplishment. The Museums Branch of the CRM Division is continually hampered by staffing, particularly in the technical support services area. The full range of the technical support staff's duties is discussed in a separate problem statement; but this narrative notes that despite the growth and use of the park over the past thirty years, and despite the increase of standards of professionalism in NPS operations and in the museum profession in general, the technical staff's size has remained constant. This present lack of staffing jeopardizes the resources through inattention or through an overzealous effort to meet all demands, and through a postponement of the implementation of needed programs. This situation requires management's attention and mitigation to avoid serious loss.

Museum Collections

The park's museum collection numbers over 530,000 objects. This figure includes 3,000 artifacts in the architectural study collection; 5,500 manuscript materials; 21,900 history artifacts;

and 500,000 archeological specimens. 73 % of this collection is cataloged and 31% of that is computerized. The special cataloging initiative for archeology has greatly benefitted the park. We received funds to catalog archeology in fiscal years 91, 92 and 93. At the conclusion of the present contract, we will have cataloged approximately 159,435 artifacts (a 1:5 ratio of worksheet to artifact exists due to the lot cataloging provision). We received funds to catalog our history collection in 1988, but the resulting accomplishment of 3,000 worksheets was minimal in light of our backlog. That backlog includes over 12,000 items cataloged before ANCS which now require reformatting for entry into the computerized program.

The new guidelines for cataloging archival materials are well-received but they present a challenge to the curatorial staff. The museum collection at Independence contains some cataloged manuscript materials which are contemporaneous with the park's period of inquiry. The collections also house archival materials in all media which relate to the histories of various Park structures. To conform with the new edition of the Museum Handbook, we must develop an archive that includes not only these materials but also materials relating to the Park's development and operations. We have identified the research files of Park architects, historians, and curators as worthy of perpetuation in an archival system. There are presently at least four separate photographic collections that require records management. We are also concerned that the records of several other divisions be treated as archival materials because they supply a continuous record of restoration projects and events in the park. Establishing a viable Park archive will be a priority during the next five years.

Inherent to records storage and access is the availability of an adequate computer system. None of the computers in the CRM Division are interlinked. At present, only the Registrar has the computerized catalog on a personal computer. The remaining staff's computers lack the capacity to use the Park's computerized catalog. Through a donation from the Independence Hall Association, one of Independence Park's cooperating partners, we are involved in computerizing our 150,000 entry History notecard file. For the staff to have desk-top access to the computerized file as well as to other potential data bases, we will require CD-ROM capabilities for each personal computer. To further extend the professional staff's efficiency, the computers should be networked. These improvements should occur

soon because we are rapidly losing our capabilities to keep pace with our projects.

History

The History Branch of the CRM Division is presently under reformulation to better serve its intended purpose and the park's needs. During the early years of Independence National Park, the historians operated a model program of applied History which engaged in data collection and the production of scholarly reports. As the park grew and more buildings were opened to the public, the historians, reduced in number, added interpretive training and oversight to their duties. The park's increased popularity impelled the historians to also engage in more popular forms of their craft -- lecturing, writing handbooks and bulletins all directed to a more popular audience. Those demands, coupled with the press of bicentennial celebrations forced the historians to subvert many of their scholarly obligations to the more vocal demands of the park's audience. The History Branch is now establishing a new role within the CRM Division and will, over the next five years, move to refocus its vision of its public and scholarly responsibilities into one of balance rather than competition.

The historians will accomplish this through the clear definition of their operational areas. They have produced a list of research needs which they will prioritize and accomplish either in-house or through contract. They will also incorporate into their work the growing number of analytical perspectives and research tools now used within the discipline of History. One example of these new perspectives is the increasing emphasis of parks on historical geography and the landscape, as well as demography and other quantifiable social history research issues.

As the National Park Service places more emphasis upon preservation of the cultural landscape, the History branch is assuming responsibility for the historical background required for those endeavors. This is because one historian has developed expertise in the development of historic base maps through special projects and through writing the park's National Register nomination and related entries for the LCS. The branch has just completed a cultural landscape assessment for the mall area with the assistance of a landscape architect on loan from the regional

office. Historical geography will continue to be a growing responsibility for the historians at Independence.

The History Branch serves the Division of Interpretation by providing library services, training services, and research project services. Training and research needs will be developed when goals are prepared for the coming year, enabling the historians to fit them into their work plans.

The historians spend a considerable amount of unpredictable time responding to public inquiries by phone and by mail. Likewise, they assist the Superintendent and other staff members by providing information for public documents such as press releases, speeches, and briefing papers. In some instances, they write the material.

The park library is administered by the History Branch. This is a circulation library with branch libraries in interpretive areas, a microfilm collection, the history notecard file (discussed above), and the park archives. As the collections grow and more functions go on-line, the library will require more space. Special projects such as the notecard file computerization, or long-term research pre-empt user space. The archives are full, yet there is a need to increase the archives and sequester more data (described in the Museums section above). The library operates on the honor system. There are no real internal controls for book circulation and loss is a problem. The librarian has attempted to control loss by locking rare or expensive volumes in special cabinets; but the cabinets are now overcrowded and are not a satisfactory long-term solution. In order to meet users' growing research needs, the librarian is investigating on-line systems such as OCLC. The adoption of such a system will be complete within the year. While the division anticipates more library and archive space when we move to the Merchants' Exchange building in 1996, solutions to some of these problems should be in place well before that move.

Historic Architecture

The Park contains 52 buildings, of which over 44 are included in the List of Classified Structures (LCS) and are therefore considered historic (the remaining 8 having been determined not to meet National Register Criteria for Evaluation through consultation with the Pennsylvania State Historic Preservation Officer). In addition to structures, the List of Classified

Structures includes areas of paving, walls, watchboxes, and lamp posts. The highest priority for these structures must always be preservation maintenance. With the exception of the Bringham House, all the historic structures in the park have been documented in Historic Structures Reports and restored to the appropriate period of significance. However, building maintenance is an on-going activity. Each year, Cultural and Regular Cyclic funds are requested and spent on replacing deteriorated wood shingle roofs, maintaining gutters, downspouts, and underground drains, masonry repair, and painting. At the same time Park Maintenance performs routine and special preservation maintenance. Routine activities are part of base operations, and include carpentry and hardware repairs, mechanical systems maintenance, and custodial services. Special maintenance activities include projects that cannot easily be bid due to unknown conditions, or that require special preservation training, such as the Independence Hall Tower Rehab undertaken this past year.

Supporting this program of preservation maintenance is the on-going activity of building inspections. The goal of this activity is to inspect each historic building annually. This amounts to a physical check-up for each building, detecting symptoms of deterioration, and pursuing underlying causes to get at appropriate solutions. These inspections form the basis for each year's cyclic maintenance request, as well as the basis for Park maintenance activities. The Inventory and Condition Assessment Program, (ICAP) Release 2.0 has been developed to support this annual building inspection activity and to feed planning information into the Maintenance Management System (MMS). Earlier versions of ICAP have not been implemented in the park because the extensive documentation required to support the program exceeded the benefits of using it. Instead, the historical architects have developed a dBase program to manage the inspection information. We plan to begin implementing ICAP 2.0 next summer, using an intern from the US/ICOMOS professional exchange program. We plan to enter data for five park buildings, as a trial run, to test the program and determine how to proceed with full implementation.

At the same time, extensive documentation of the park's physical assets (both historic and non-historic) are maintained by the Branch. Copies of the construction drawings used to build the park, construction photos, specifications, and building files are used to understand the condition and sequence of alterations of

park buildings and grounds. These are used in analyzing physical deterioration and as the basis for evaluating new proposals from other divisions. This information will be organized into a Geographic Information System (discussed above), which will improve access to this information for the CRM Division and other park users.

The ultimate use for the Bringham House has yet to be determined. Current proposals include converting the entire house into apartments, or alternatively, reserving a portion of the ground floor for interpretive uses for the Deshler-Morris House next door. Now that the building is no longer occupied by a rental tenant, the historical architects will investigate the architectural fabric of the building to determine its architectural history and to help guide rehabilitation plans for the building.

A new seating plan for Congress Hall, based on the re-evaluation of the Van Cortlandt plan is under study, to be implemented in coordination with the utility improvements for the building planned for construction in 1995.

SUMMARY

In summary, since the consolidation of three branches into one unit in May, 1993, the Division of Cultural Resources Management has begun to establish a strong position within the park. Many of the park's operational decisions are driven by or hinge upon the needs of the cultural resources. The Division will continue to formulate its operations in a direction that will best articulate the cultural resources' needs to the park and to the region and Washington offices.

NATURAL & CULTURAL RESOURCE PROGRAMMING SHEETS

Sorted by: Resource Type + Priority + Project Number

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PROJECT LIST

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PRIORITY	PROJECT NUMBER	YEAR	PROJECT TITLE	SUB-TITLE	FUNDED	UNFUNDED
1	INDE-C-013.005	94	MAINTAIN HISTORIC STRUCTURES	WOOD SHINGLE ROOFS	16.00	300.00
2	INDE-C-001.000	94	ROUTINE MAINTENANCE OF MUSEUM COLLECTIONS		440.00	532.00
3	INDE-C-018.000	94	PROTECTION OF THE LIBERTY BELL		9.00	50.00
4	INDE-C-013.003	94	MAINTAIN HISTORIC STRUCTURES	GUTTERS AND DRAINS	16.00	80.00
5	INDE-C-002.000	94	CONSERVATION OF MUSEUM OBJECTS		184.00	344.00
6	INDE-C-013.001	94	MAINTAIN HISTORIC STRUCTURES	MASONRY REPAIRS	0.00	360.00
7	INDE-C-014.000	94	UTILITY IMPROVEMENT PROJECT		9999.99	29999.97
8	INDE-C-006.000	94	MAINTENANCE OF OUTDOOR SCULPTURE		10.00	20.00
9	INDE-C-013.004	94	MAINTAIN HISTORIC STRUCTURES	PAINTING	16.00	100.00
10	INDE-C-013.002	94	MAINTAIN HISTORIC STRUCTURES	MASONRY RESEARCH	0.00	40.00
11	INDE-C-015.000	94	HISTORIC STRUCTURES QUARTERS REHAB		4.00	0.00
12	INDE-C-005.000	94	CURATION OF MUSEUM COLLECTIONS		524.00	288.00
13	INDE-C-011.000	94	LIBRARY OPERATIONS		120.00	72.00
14	INDE-C-020.000	94	REPLACE BISHOP WHITE HOUSE WALLPAPER		0.00	25.00
15	INDE-C-003.000	94	REGISTRATION OF MUSEUM COLLECTION		142.00	280.40
16	INDE-C-008.000	94	RECORD PHOTOGRAPHY OF CONTROLLED MUSEUM PROPERTY		4.00	20.00
17	INDE-C-009.000	94	UTILIZATION OF ARCHEOLOGICAL REMAINS		400.00	800.00
18	INDE-C-012.000	94	HISTORY RESEARCH REPORTS		360.00	0.00
19	INDE-C-007.000	94	FURNISH HIST BLDG INTERIORS W/ REPRODUCED TEXTILES		0.00	260.00
20	INDE-C-004.000	94	CURATORIAL REPORTS		68.00	154.00
21	INDE-C-016.000	94	CONGRESS HALL REFURNISHING		0.00	216.00
22	INDE-C-010.001	94	DEVELOPMENT OF A MUSEUM ARCHIVES	ASSESSMENT AND MGMT PLAN	240.00	120.00
23	INDE-C-017.000	94	DEVELOP SPECIAL PERMIT TRACKING PROGRAM		0.00	5.00
24	INDE-C-019.000	94	REHABILITATE WALKS AND WALLS		0.00	28000.00
Resource Type Sub-total-----					12552.99	62066.37
1	INDE-I-002.000	94	ICAP IMPLEMENTATION		20.00	0.00
2	INDE-I-001.000	94	GEOGRAPHICAL INFORMATION SYSTEM		140.00	140.00
3	INDE-I-003.000	94	CULTURAL LANDSCAPE PRESERVATION		16.00	75.00
4	INDE-I-005.000	94	AIR QUALITY		0.00	86.00
5	INDE-I-003.001	94	CULTURAL LANDSCAPE PRESERVATION	RESTORE WISTAR STREET	16.00	100.00
6	INDE-I-004.000	94	LANDSCAPE/PARKWIDE DESIGN CRITERIA		0.00	50.00
Resource Type Sub-total-----					192.00	451.00

1	INDE-N-909.000	94	MAINTAIN SIDEWALKS AND PAVED SURFACES		163.20	32.80
2	INDE-N-911.000	94	DEVELOP A HAZARD TREE MANAGEMENT PLAN		16.00	44.40
3	INDE-N-903.000	94	MAINTAIN LAWNS		163.20	163.20
4	INDE-N-905.000	94	MAINTAIN SHRUBS		163.20	81.60
5	INDE-N-906.000	94	MAINTAIN GARDENS AND FLOWER BEDS		163.20	163.20
6	INDE-N-907.000	94	MANAGE PESTS		65.20	98.00
7	INDE-N-902.002	94	MAINTAIN ORNAMENTAL TREES	REPLACE TREES	219.20	243.20
8	INDE-N-901.000	94	MAINTAIN GROUND COVER		163.20	81.60
9	INDE-N-908.000	94	UPDATE LANDSCAPE PLANS AND PLANTINGS		16.32	204.00
10	INDE-N-910.000	94	MONITOR AIR QUALITY		20.00	0.00
Resource Type Sub-total-----					1152.72	1112.00
Grand Total=====					13897.71	63629.37

40 projects printed

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PROJECT NUMBER	PROJECT TITLE	PKG NUM	CULT RES TYPE	SYSTEM- WIDE ISSUE	FUNDING SOURCE	ACT TYP	CURRENT YEAR 1994 \$\$ FTE		OUTYEAR 1 1995 \$\$ FTE		OUTYEAR 2 1996 \$\$ FTE		OUTYEAR 3 1997 \$\$ FTE		TOTAL \$\$ FTE	
901.000	MAINTAIN GROUND COVER			N22	PKBASE-NR	MIT	40.80	1.0	40.80	1.0	40.80	1.0	40.80	1.0	163.20	4.0
902.002	MAINTAIN ORNAMENTAL TREES REPLACE TREES			N03 N22	PKBASE-NR	MIT	54.80	1.1	54.80	1.1	54.80	1.1	54.80	1.1	219.20	4.4
903.000	MAINTAIN LAWNS			N22	PKBASE-NR	MIT	40.80	1.0	40.80	1.0	40.80	1.0	40.80	1.0	163.20	4.0
905.000	MAINTAIN SHRUBS			N22	PKBASE-NR	MIT	40.80	1.0	40.80	1.0	40.80	1.0	40.80	1.0	163.20	4.0
906.000	MAINTAIN GARDENS AND FLOWER BEDS			N08 N22	PKBASE-NR	MIT	40.80	1.0	40.80	1.0	40.80	1.0	40.80	1.0	163.20	4.0
907.000	MANAGE PESTS			N01 N05	PKBASE-NR	MIT	16.30	0.4	16.30	0.4	16.30	0.4	16.30	0.4	65.20	1.6
908.000	UPDATE LANDSCAPE PLANS AND PLANTINGS			N08 N22	PKBASE-NR	MIT	4.08	0.1	4.08	0.1	4.08	0.1	4.08	0.1	16.32	0.4
909.000	MAINTAIN SIDEWALKS AND PAVED SURFACES			N22	PKBASE-NR	MIT	40.80	1.0	40.80	1.0	40.80	1.0	40.80	1.0	163.20	4.0
910.000	MONITOR AIR QUALITY			N14	PKBASE-NR	RES	5.00	0.1	5.00	0.1	5.00	0.1	5.00	0.1	20.00	0.4
911.000	DEVELOP A HAZARD TREE MANAGEMENT PLAN			N22 N01	PKBASE-NR	MIT	4.00	0.1	4.00	0.1	4.00	0.1	4.00	0.1	16.00	0.4
10 projects printed																
Grand Total							288.18	6.8	288.18	6.8	288.18	6.8	288.18	6.8	1152.72	27.2

End of data

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PROGRAMMING SHEET
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CURRENT YEAR FUNDED ACTIVITIES
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PROJECT NUMBER	PROJECT TITLE	PKG NUM	CULT RES TYPE	SYSTEM- WIDE ISSUE	FUNDING SOURCE	ACT TYP	CURRENT YEAR 1994 \$\$ FTE		OUTYEAR 1 1995 \$\$ FTE		OUTYEAR 2 1996 \$\$ FTE		OUTYEAR 3 1997 \$\$ FTE		TOTAL \$\$ FTE	
001.000	ROUTINE MAINTENANCE OF MUSEUM COLLECTIONS		OBJC	C12 C24	PKBASE-CR MIT		110.00	2.8	110.00	2.8	110.00	2.8	110.00	2.8	440.00	11.2
002.000	CONSERVATION OF MUSEUM OBJECTS		OBJC	C12 C15	PKBASE-CR MIT		46.00	0.5	46.00	0.5	46.00	0.5	46.00	0.5	184.00	2.0
003.000	REGISTRATION OF MUSEUM COLLECTION		OBJC	C03 C24	PKBASE-CR RES		35.50	1.0	35.50	1.0	35.50	1.0	35.50	1.0	142.00	4.0
004.000	CURATORIAL REPORTS		OBJC	C09 C10	PKBASE-CR RES		17.00	0.5	17.00	0.5	17.00	0.5	17.00	0.5	68.00	2.0
005.000	CURATION OF MUSEUM COLLECTIONS		OBJC	C24 C09	PKBASE-CR RES		131.00	3.0	131.00	3.0	131.00	3.0	131.00	3.0	524.00	12.0
006.000	MAINTENANCE OF OUTDOOR SCULPTURE		OBJC	C17 C18	PKBASE-CR MIT		2.50	0.3	2.50	0.3	2.50	0.3	2.50	0.3	10.00	1.2
007.000	FURNISH HIST BLDG INTERIORS W/ REPRODUCED TEXTILES		STRC	C17 C26	PKBASE-CR INT		0.00	0.1	0.00	0.1	0.00	0.1	0.00	0.1	0.00	0.4
008.000	RECORD PHOTOGRAPHY OF CONTROLLED MUSEUM PROPERTY		OBJC	C03 C24	PKBASE-CR MON		1.00	0.3	1.00	0.3	1.00	0.3	1.00	0.3	4.00	1.2
009.000	UTILIZATION OF ARCHEOLOGICAL REMAINS		OBJC	C03	PKBASE-CR RES		100.00	0.2	100.00	0.2	100.00	0.2	100.00	0.2	400.00	0.8
010.001	DEVELOPMENT OF A MUSEUM ARCHIVES ASSESSMENT AND MGMT PLAN			C01	PKBASE-CR MON		60.00	1.0	60.00	1.0	60.00	1.0	60.00	1.0	240.00	4.0
011.000	LIBRARY OPERATIONS			C01 C26	PKBASE-CR RES		30.00	1.0	30.00	1.0	30.00	1.0	30.00	1.0	120.00	4.0

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PROJECT NUMBER	PROJECT TITLE	PKG NUM	CULT RES TYPE	SYSTEM- WIDE ISSUE	FUNDING SOURCE	ACT TYP	CURRENT YEAR 1994 \$\$ FTE		OUTYEAR 1 1995 \$\$ FTE		OUTYEAR 2 1996 \$\$ FTE		OUTYEAR 3 1997 \$\$ FTE		TOTAL \$\$ FTE	
012.000	HISTORY RESEARCH REPORTS		STRC	C10 C05	PKBASE-CR	RES	90.00	1.8	90.00	1.8	90.00	1.8	90.00	1.8	360.00	7.2
013.001	MAINTAIN HISTORIC STRUCTURES MASONRY REPAIRS		STRC	C13 C17	No data											
013.002	MAINTAIN HISTORIC STRUCTURES MASONRY RESEARCH		STRC	C06 C15	No data											
013.003	MAINTAIN HISTORIC STRUCTURES GUTTERS AND DRAINS		STRC	C13	PKBASE-CR	MIT	4.00	0.1	4.00	0.1	4.00	0.1	4.00	0.1	16.00	0.4
013.004	MAINTAIN HISTORIC STRUCTURES PAINTING		STRC	C13	PKBASE-CR	MIT	4.00	0.1	4.00	0.1	4.00	0.1	4.00	0.1	16.00	0.4
013.005	MAINTAIN HISTORIC STRUCTURES WOOD SHINGLE ROOFS		STRC	C13	PKBASE-CR	MIT	4.00	0.1	4.00	0.1	4.00	0.1	4.00	0.1	16.00	0.4
Project Total							12.00	0.3	12.00	0.3	12.00	0.3	12.00	0.3	48.00	1.2
014.000	UTILITY IMPROVEMENT PROJECT	412	STRC	C13	CONSTRUCT	MIT	9999.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9999.99	0.0
015.000	HISTORIC STRUCTURES QUARTERS REHAB		STRC	C13	PKBASE-CR	RES	4.00	0.1	0.0	0.0	0.0	0.0	0.0	0.0	4.00	0.1
016.000	CONGRESS HALL REFURNISHING		STRC	C05 C13	No data											
017.000	DEVELOP SPECIAL PERMIT TRACKING		COMB	C18 N22	No data											

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PROGRAMMING SHEET 1
CULTURAL
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PROJECT NUMBER	PROJECT TITLE	PKG NUM	CULT RES TYPE	SYSTEM- WIDE ISSUE	FUNDING SOURCE	ACT TYP	CURRENT YEAR 1994 \$\$ FTE		OUTYEAR 1 1995 \$\$ FTE		OUTYEAR 2 1996 \$\$ FTE		OUTYEAR 3 1997 \$\$ FTE		TOTAL \$\$ FTE	
PROGRAM																
018.000	PROTECTION OF THE LIBERTY BELL			OBJC C18 C20	PKBASE-OT RES		2.50	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.50	0.1
					PKBASE-CR RES		4.00	0.1	0.0	0.0	0.0	0.0	0.0	0.0	4.00	0.1
					PKBASE-OT MON		0.0	0.0	2.50	0.1	0.0	0.0	0.0	0.0	2.50	0.1
					Subtotal		6.50	0.2	2.50	0.1	0.00	0.0	0.00	0.0	9.00	0.3
019.000	REHABILITATE WALKS AND WALLS	168		CULL C13 C11	No data		-----									
020.000	REPLACE BISHOP WHITE HOUSE WALLPAPER	strc		C13 C18	No data		-----									
24 projects printed																
Grand Total							*****	13.1	637.50	12.9	635.00	12.8	635.00	12.8	12552.99	51.6

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NATURAL and CULTURAL
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PROJECT NUMBER	PROJECT TITLE	PKG NUM	CULT RES TYPE	SYSTEM- WIDE ISSUE	FUNDING SOURCE	ACT TYP	CURRENT YEAR 1994 \$\$ FTE		OUTYEAR 1 1995 \$\$ FTE		OUTYEAR 2 1996 \$\$ FTE		OUTYEAR 3 1997 \$\$ FTE		TOTAL \$\$ FTE	
001.000	GEOGRAPHICAL INFORMATION SYSTEM		COMB	C01 N08	PKBASE-CR	RES	35.00	0.5	35.00	0.5	35.00	0.5	35.00	0.5	140.00	2.0
002.000	ICAP IMPLEMENTATION		STRC	C06 C13	\$-DONATE	RES	5.00	0.0	5.00	0.0	5.00	0.0	5.00	0.0	20.00	0.0
003.000	CULTURAL LANDSCAPE PRESERVATION		CULL	C11 N08	PKBASE-CR	RES	4.00	0.1	4.00	0.1	4.00	0.1	4.00	0.1	16.00	0.4
003.001	CULTURAL LANDSCAPE PRESERVATION RESTORE WISTAR STREET		CULL	C11 C13	PKBASE-CR	RES	4.00	0.1	4.00	0.1	4.00	0.1	4.00	0.1	16.00	0.4
004.000	LANDSCAPE/PARKWI DE DESIGN CRITERIA		CULL	C11 N08	No data		-----									
005.000	AIR QUALITY		STRC	C17 N14	No data		-----									
6 projects printed					Grand Total		48.00	0.7	48.00	0.7	48.00	0.7	48.00	0.7	192.00	2.8

End of data

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PROGRAMMING SHEET
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PK PRI	PROJECT NUMBER	PROJECT TITL	PKG NUM	CULT RES TYPE	SYSTEM- WIDE ISSUE	FUNDING SOURCE	ACT TYP	STARTING YEAR		OUTYEAR 1		OUTYEAR 2		OUTYEAR 3		TOTAL	
								\$\$	FTE	\$\$	FTE	\$\$	FTE	\$\$	FTE	\$\$	FTE
1	909.000	MAINTAIN SIDEWALKS AND PAVED SURFACES			N22	PKBASE-NR MIT		8.20	0.2	8.20	0.2	8.20	0.2	8.20	0.2	32.80	0.8
2	911.000	DEVELOP A HAZARD TREE MANAGEMENT PLAN			N22 N01	PKBASE-NR MIT		20.40	0.5	8.00	0.2	8.00	0.2	8.00	0.2	44.40	1.1
3	903.000	MAINTAIN LAWNS			N22	PKBASE-NR MIT		40.80	1.0	40.80	1.0	40.80	1.0	40.80	1.0	163.20	4.0
4	905.000	MAINTAIN SHRUBS			N22	PKBASE-NR MIT		20.40	0.5	20.40	0.5	20.40	0.5	20.40	0.5	81.60	2.0
5	906.000	MAINTAIN GARDENS AND FLOWER BEDS			N08 N22	PKBASE-NR MIT		40.80	1.0	40.80	1.0	40.80	1.0	40.80	1.0	163.20	4.0
6	907.000	MANAGE PESTS			N01 N05	PKBASE-NR MIT		24.50	0.6	24.50	0.6	24.50	0.6	24.50	0.6	98.00	2.4
7	902.002	MAINTAIN ORNAMENTAL TREES REPLACE TREES			N03 N22	PKBASE-NR MIT		60.80	1.0	60.80	1.0	60.80	1.0	60.80	1.0	243.20	4.0
8	901.000	MAINTAIN GROUND COVER			N22	PKBASE-NR MIT		20.40	0.5	20.40	0.5	20.40	0.5	20.40	0.5	81.60	2.0
9	908.000	UPDATE LANDSCAPE PLANS AND PLANTINGS			N08 N22	PKBASE-NR RES		40.80	1.0	40.80	1.0	0.0	0.0	0.0	0.0	81.60	2.0
						PKBASE-NR MIT		0.0	0.0	40.80	1.0	40.80	1.0	40.80	1.0	122.40	3.0
						Subtotal		40.80	1.0	81.60	2.0	40.80	1.0	40.80	1.0	204.00	5.0
10	910.000	MONITOR AIR QUALITY			N14	No data											
	10 projects printed																
						Grand Total		277.10	6.3	305.50	7.0	264.70	6.0	264.70	6.0	1112.00	25.3

End of data

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CULTURAL
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PK PRI	PROJECT NUMBER	PROJECT TITL	PKG NUM	CULT RES TYPE	SYSTEM- WIDE ISSUE	FUNDING SOURCE	ACT TYP	STARTING YEAR		OUTYEAR 1		OUTYEAR 2		OUTYEAR 3		TOTAL	
								\$\$	FTE	\$\$	FTE	\$\$	FTE	\$\$	FTE	\$\$	FTE
1	013.005	MAINTAIN HISTORIC STRUCTURES WOOD SHINGLE ROOFS		STRC	C13	RG-CR-MTN	MIT	75.00	0.0	75.00	0.0	75.00	0.0	75.00	0.0	300.00	0.0
2	001.000	ROUTINE MAINTENANCE OF MUSEUM COLLECTIONS		OBJC	C12 C24	PKBASE-CR	MIT	133.00	3.8	133.00	3.8	133.00	3.8	133.00	3.8	532.00	15.2
3	018.000	PROTECTION OF THE LIBERTY BELL		OBJC	C18 C20	PKBASE-OT REP-REHAB	RES PRO	10.00 0.0	0.0 0.0	0.0 40.00	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	10.00 40.00	0.0 0.0
						Subtotal		10.00	0.0	40.00	0.0	0.00	0.0	0.00	0.0	50.00	0.0
4	013.003	MAINTAIN HISTORIC STRUCTURES GUTTERS AND DRAINS		STRC	C13	RG-CR-MTN	MIT	20.00	0.0	20.00	0.0	20.00	0.0	20.00	0.0	80.00	0.0
5	002.000	CONSERVATION OF MUSEUM OBJECTS		OBJC	C12 C15	PKBASE-CR	MIT	86.00	1.5	86.00	1.5	86.00	1.5	86.00	1.5	344.00	6.0
6	013.001	MAINTAIN HISTORIC STRUCTURES MASONRY REPAIRS		STRC	C13 C17	PKBASE-CR	MIT	90.00	2.0	90.00	2.0	90.00	2.0	90.00	2.0	360.00	8.0
7	014.000	UTILITY IMPROVEMENT PROJECT	412	STRC	C13	CONSTRUCT	MIT	0.0	0.0	9999.99	0.0	9999.99	0.0	9999.99	0.0	29999.97	0.0
8	006.000	MAINTENANCE OF OUTDOOR SCULPTURE		OBJC	C17 C18	PKBASE-CR	MIT	5.00	0.6	5.00	0.6	5.00	0.6	5.00	0.6	20.00	2.4
9	013.004	MAINTAIN HISTORIC STRUCTURES PAINTING		STRC	C13	RG-CR-MTN	MIT	25.00	0.0	25.00	0.0	25.00	0.0	25.00	0.0	100.00	0.0

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PK PRI	PROJECT NUMBER	PROJECT TITL	PKG NUM	CULT RES TYPE	SYSTEM-WIDE ISSUE	FUNDING SOURCE	ACT TYP	STARTING YEAR		OUTYEAR 1		OUTYEAR 2		OUTYEAR 3		TOTAL	
								\$\$	FTE	\$\$	FTE	\$\$	FTE	\$\$	FTE	\$\$	FTE
10	013.002	MAINTAIN HISTORIC STRUCTURES MASONRY RESEARCH		STRC	C06 C15	RG-CR-MTN RES		10.00	0.1	10.00	0.1	10.00	0.1	10.00	0.1	40.00	0.4
								=====									
Project Total								35.00	0.1	35.00	0.1	35.00	0.1	35.00	0.1	140.00	0.4
11	015.000	HISTORIC STRUCTURES QUARTERS REHAB		STRC	C13	REG-OTHER MIT		0.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0	0.00	0.0
12	005.000	CURATION OF MUSEUM COLLECTIONS		OBJC	C24 C09	PKBASE-CR RES		72.00	2.0	72.00	2.0	72.00	2.0	72.00	2.0	288.00	8.0
13	011.000	LIBRARY OPERATIONS			C01 C26	PKBASE-CR RES		18.00	0.6	18.00	0.6	18.00	0.6	18.00	0.6	72.00	2.4
14	020.000	REPLACE BISHOP WHITE HOUSE WALLPAPER	strc		C13 C18	RG-CR-MTN MIT		25.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.00	0.0
15	003.000	REGISTRATION OF MUSEUM COLLECTION		OBJC	C03 C24	PKBASE-CR RES		70.10	2.0	70.10	2.0	70.10	2.0	70.10	2.0	280.40	8.0
16	008.000	RECORD PHOTOGRAPHY OF CONTROLLED MUSEUM PROPERTY		OBJC	C03 C24	PKBASE-CR MON		5.00	1.0	5.00	1.0	5.00	1.0	5.00	1.0	20.00	4.0
17	009.000	UTILIZATION OF ARCHEOLOGICAL REMAINS		OBJC	C03	PKBASE-CR RES		200.00	0.3	200.00	0.3	200.00	0.3	200.00	0.3	800.00	1.2
18	012.000	HISTORY RESEARCH REPORTS		STRC	C10 C05	No data		-----									

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PK PRI	PROJECT NUMBER	PROJECT TITL	PKG NUM	CULT RES TYPE	SYSTEM- WIDE ISSUE	FUNDING SOURCE	ACT TYP	STARTING YEAR		OUTYEAR 1		OUTYEAR 2		OUTYEAR 3		TOTAL	
								\$\$	FTE	\$\$	FTE	\$\$	FTE	\$\$	FTE	\$\$	FTE
19	007.000	FURNISH HIST BLDG INTERIORS W/ REPRODUCED TEXTILES		STRC	C17 C26	PKBASE-CR	INT	65.00	0.3	65.00	0.3	65.00	0.3	65.00	0.3	260.00	1.2
20	004.000	CURATORIAL REPORTS		OBJC	C09 C10	PKBASE-CR	RES	38.50	1.0	38.50	1.0	38.50	1.0	38.50	1.0	154.00	4.0
21	016.000	CONGRESS HALL REFURNISHING		STRC	C05 C13	\$-DONATE	RES	12.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.50	0.0
						\$-DONATE	MIT	0.0	0.0	203.50	0.0	0.0	0.0	0.0	0.0	203.50	0.0
						Subtotal		12.50	0.0	203.50	0.0	0.00	0.0	0.00	0.0	216.00	0.0
22	010.001	DEVELOPMENT OF A MUSEUM ARCHIVES ASSESSMENT AND MGMT PLAN			C01	PKBASE-CR	RES	20.00	1.0	20.00	1.0	40.00	1.0	40.00	1.0	120.00	4.0
23	017.000	DEVELOP SPECIAL PERMIT TRACKING PROGRAM		COMB	C18 N22	PKBASE-OT	MON	5.00	0.2	0.0	0.0	0.0	0.0	0.0	0.0	5.00	0.2
24	019.000	REHABILITATE 168 WALKS AND WALLS		CULL	C13 C11	CONSTRUCT	MIT	7000.00	0.0	7000.00	0.0	7000.00	0.0	7000.00	0.0	28000.00	0.0
		24 projects printed				Grand Total		7985.10	16.4	*****	16.2	*****	16.2	*****	16.2	62066.37	65.0

End of data

09
20:50:26

PROGRAMMING SHEET
NATURAL and CULTURAL
UNFUNDED ACTIVITIES
(\$ in thousands)

Page: 0001
FY: 94
PARK: INDE
REGION: MARO

PK PRI	PROJECT NUMBER	PROJECT TITL	PKG NUM	CULT RES TYPE	SYSTEM- WIDE ISSUE	FUNDING SOURCE	ACT TYP	STARTING YEAR	OUTYEAR 1	OUTYEAR 2	OUTYEAR 3	TOTAL
								\$\$ FTE	\$\$ FTE	\$\$ FTE	\$\$ FTE	\$\$ FTE
1	002.000	ICAP IMPLEMENTATI ON		STRC	C06 C13	No data		-----				
2	001.000	GEOGRAPHICAL INFORMATION SYSTEM		COMB	C01 N08	PKBASE-NR RES		35.00 0.5	35.00 0.5	35.00 0.5	35.00 0.5	140.00 2.0
3	003.000	CULTURAL LANDSCAPE PRESERVATION		CULL	C11 N08	REG-OTHER RES		0.0 0.0	25.00 0.1	25.00 0.1	25.00 0.1	75.00 0.3
4	005.000	AIR QUALITY		STRC	C17 N14	RG-CR-MTN MON		35.00 0.0	0.0 0.0	0.0 0.0	0.0 0.0	35.00 0.0
						PKBASE-CR MON		0.0 0.0	17.00 0.0	17.00 0.0	17.00 0.0	51.00 0.0
						Subtotal		35.00 0.0	17.00 0.0	17.00 0.0	17.00 0.0	86.00 0.0
5	003.001	CULTURAL LANDSCAPE PRESERVATION RESTORE WISTAR STREET		CULL	C11 C13	CONSTRUCT RES		0.0 0.0	25.00 0.0	0.0 0.0	0.0 0.0	25.00 0.0
						CONSTRUCT MIT		0.0 0.0	0.0 0.0	75.00 0.0	0.0 0.0	75.00 0.0
						Subtotal		0.00 0.0	25.00 0.0	75.00 0.0	0.00 0.0	100.00 0.0
6	004.000	LANDSCAPE/PA RKWIDE DESIGN CRITERIA		CULL	C11 N08	REG-OTHER RES		0.0 0.0	50.00 0.1	0.0 0.0	0.0 0.0	50.00 0.1
6 projects printed												
Grand Total								70.00 0.5	152.00 0.7	152.00 0.6	77.00 0.6	451.00 2.4

End of data

09/28/94
20:55:43

TABLE 1
NPS RESOURCE PERSONNEL
(current year only)

FY: 93
PARK: 4450
REGION: MARO

TYPE OF NPS EMPLOYEE	FTEs OF RESOURCES WORK		
	Natural	Cultural	Total
Research Scientists	0.0	0.0	0.0
Resources Specialists	1.0	12.0	13.0
025 Park Rangers Res Mgmt	0.0	0.0	0.0
025 Park Rangers Res Prot	1.3	11.5	12.8
025 Park Rangers Res Interp	0.0	64.6	64.6
Maintenance Personnel	9.0	22.6	31.6
Total of RES Personnel	11.3	110.7	122.0
TOTAL PARK FTE: 233.0 PERCENT	4.8%	47.5%	52.4%

End of data

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20:55:01

TABLE 2
NATURAL AND CULTURAL
CURRENT YEAR FUNDING
(\$ in thousands - by activity type)

Page: 0001
FY: 94
PARK: INDE
REGION: MARO

FUNDING SOURCE	TOTAL	RES	MIT	MON	PRO	INT	ADM
PCR1	686.00	454.50	170.50	61.00	0.00	0.00	0.00
SDEV	9999.99	0.00	9999.99	0.00	0.00	0.00	0.00
POF1	2.50	2.50	0.00	0.00	0.00	0.00	0.00
NDON	5.00	5.00	0.00	0.00	0.00	0.00	0.00
PNR1	288.18	5.00	283.18	0.00	0.00	0.00	0.00
TOTAL	10981.67	467.00	10453.67	61.00	0.00	0.00	0.00

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20:54:31

TABLE 2
NATURAL AND CULTURAL
CURRENT YEAR FUNDING
(\$ in thousands - by activity type)

Page: 0001
FY: 95
PARK: INDE
REGION: MARO

FUNDING SOURCE	TOTAL	RES	MIT	MON	PRO	INT	ADM
PCR1	678.00	446.50	170.50	61.00	0.00	0.00	0.00
POF1	2.50	0.00	0.00	2.50	0.00	0.00	0.00
NDON	5.00	5.00	0.00	0.00	0.00	0.00	0.00
PNR1	288.18	5.00	283.18	0.00	0.00	0.00	0.00
TOTAL	973.68	456.50	453.68	63.50	0.00	0.00	0.00

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TABLE 2
NATURAL AND CULTURAL
CURRENT YEAR FUNDING
(\$ in thousands - by activity type)

Page: 0001
FY: 96
PARK: INDE
REGION: MARO

FUNDING SOURCE	TOTAL	RES	MIT	MON	PRO	INT	ADM
PCR1	678.00	446.50	170.50	61.00	0.00	0.00	0.00
NDON	5.00	5.00	0.00	0.00	0.00	0.00	0.00
PNR1	288.18	5.00	283.18	0.00	0.00	0.00	0.00
TOTAL	971.18	456.50	453.68	61.00	0.00	0.00	0.00

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TABLE 2
NATURAL AND CULTURAL
CURRENT YEAR FUNDING
(\$ in thousands - by activity type)

Page: 0001
FY: 97
PARK: INDE
REGION: MARO

FUNDING SOURCE	TOTAL	RES	MIT	MON	PRO	INT	ADM
PCR1	678.00	446.50	170.50	61.00	0.00	0.00	0.00
NDON	5.00	5.00	0.00	0.00	0.00	0.00	0.00
PNR1	288.18	5.00	283.18	0.00	0.00	0.00	0.00
TOTAL	971.18	456.50	453.68	61.00	0.00	0.00	0.00

NATURAL RESOURCE PROJECT STATEMENTS

PROJECT STATEMENT SHEET

PROJECT NUMBER: INDE-N-901.000

TITLE: MAINTAIN GROUND COVER

FUNDING STATUS: FUNDED: 163.20 UNFUNDED: 81.60

SERVICEWIDE ISSUES: N22 VIS USE-DEV ZN

CULTURAL RESOURCE TYPE CODE: N/A

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

Landscaped areas containing ground cover shall be maintained to industry-wide standards.

Currently only basic trimming of perimeter of these beds is performed. Mounding of ground cover provides excellent habitat for rats which creates a severe health and safety hazard for visitors and employees.

Visual impact of weeds is reduced by cutting with a weed trimmer as they grow taller than the ground cover. This maintains appearances temporarily but weed problems become more severe each season.

Large areas of bare trampled ground exist where visitors have destroyed ground cover. This severely impacts on the Park's mission to preserve and display historic buildings, objects, and the ideals they symbolize in "a beautiful setting" (Public Law 79-711, 62 Stat. 972)

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

Ground cover shall be cut back every four years to promote new growth, prevent mounding over itself, and reduce harborage for rats.

Periodic weeding is required to maintain an acceptable appearance. New plantings may require an application of pre-emergent herbicide to prevent weed infestations until the third year.

Light fertilization every fall will maintain appearance, promote new growth, and prevent weed problems.

Areas of bare ground shall be replanted and protected from visitors until growth is heavy enough to prevent encroachment by large numbers of visitors which kills plants.

BUDGET AND FTEs:

BUDGET AND FILES:				
-----FUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-NR	MIT	40.80	1.0
Year 2:	PKBASE-NR	MIT	40.80	1.0

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PROJECT STATEMENT SHEET

INDE-N-901.000

PS Page: 0002

Year 3:	PKBASE-NR MIT	40.80	1.0
Year 4:	PKBASE-NR MIT	40.80	1.0
Total:		163.20	4.0

-----UNFUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-NR MIT		20.40	0.5
Year 2:	PKBASE-NR MIT		20.40	0.5
Year 3:	PKBASE-NR MIT		20.40	0.5
Year 4:	PKBASE-NR MIT		20.40	0.5
Total:			81.60	2.0

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS:

Present funding and maintenance levels will contribute to a continuing decline in the health and appearance of the Park's ground covers. Control of rats will continue to be ineffective in many areas with additional complaints by visitors neighbors to the Park, and employees. Safety and health hazards associated with rats in the Park will increase.

COMPLIANCE CODE(s):

EXPLANATION:

Proposal Date: 94

PROJECT STATEMENT SHEET

INDE-N-902.002
PS Page: 0003

PROJECT NUMBER: INDE-N-902.002

TITLE: MAINTAIN ORNAMENTAL TREES
SUBPROJECT TITLE: REPLACE TREES

FUNDING STATUS: FUNDED: 219.20 UNFUNDED: 243.20

SERVICEWIDE ISSUES: N03 T&E PLANTS N22 VIS USE-DEV ZN

CULTURAL RESOURCE TYPE CODE: N/A

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

Independence Park maintains over 1700 ornamental trees planted in highly landscaped areas in the center of Philadelphia's historic and business districts. Four hundred and sixty-two, or 27% of these trees are maintained within treewells and are completely surrounded by various paving materials. Due to these conditions, an exceptional amount of care is necessary to maintain and replace trees. These trees suffer severe effects from vehicle damage, pollution of soil, air and water, vandalism, construction and utility repair, drought, restricted root zones, compacted soil, reflected heat and light, diseases and insects. All of these factors combine to greatly shorten their lifespan. With an estimated lifespan of 40 years for trees in lawns and plant beds, and 20 years for trees in treewells the Park will lose an average of 54 trees per year.

Over the last five years, through contract, donations and the efforts of Park staff an average of twenty trees per year have been replaced. This indicates a deficit of up to 34 trees per year.

Current grounds staff prune approximately 200 trees/year. Factoring in some small flowering trees which are pruned annually, this produces a cycle of approximately ten years to complete. For purposes of safety and greatest health this cycle of pruning should not be any longer than five years. Results of this deficit are that numerous trees contain substantial amounts of dead wood, are more susceptible to damage from storms and do not present the desired appearance. Currently one Park gardener has the training and is qualified to climb and prune large shade trees. There is little incentive for gardeners to attain this skill as the work is especially difficult and hazardous. Experienced tree climbers are highly in demand by private contractors who pay much higher wages than the government can offer a gardener.

The greatest insect problem on trees within the Park is obscure

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scale on oaks. Integrated Pest Management (IPM) controls recommend spraying twice per year with a horticultural oil. Due to staff and budget limitations this has not been accomplished for the past two years.

The most threatening tree disease in the Park is Bacterial Leaf Scorch on oak trees. This disease has become widespread over the past three years and has killed at least five trees in 1992. There is no known method to control this disease which threatens the Park's oak trees.

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

Develop and maintain a cycle of tree pruning and complete recommended IPM controls that preserves all trees in a safe and healthy manner. To accomplish these objectives the Park needs to:

1. Create two Tree Climber positions which include the skills and ability to climb, prune, cable and spray large shade trees.
2. Add one additional FTE to fill one of these positions and convert one existing gardener to Tree Climber.
3. During the pruning season (winter) two existing Gardeners or Laborers assigned to the gardening staff would work as groundmen to form a four person tree pruning crew.

All areas with trees will be divided into five groups, with one area being pruned per year. Additional trees would be pruned on an as needed basis or as identified by the Hazard Tree Management Program (Project Statement INDE-N-911). When not pruning trees these workers would concentrate on needed tree removal, replacement, cabling, inspection, spraying, etc., that is not currently being accomplished.

All oak trees with scale infestations shall be sprayed twice per year as recommended through IPM. All other recommended IPM controls for insect pests shall be followed.

Additional monitoring data is required to determine the extent and threat of bacterial leaf scorch and other diseases on the Park's trees. This action is detailed further in Project Statement INDE-N-907 (Pest Management).

BUDGET AND FTEs:

-----FUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-NR	MIT	54.80	1.1

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Year 2:	PKBASE-NR MIT	54.80	1.1
Year 3:	PKBASE-NR MIT	54.80	1.1
Year 4:	PKBASE-NR MIT	54.80	1.1
Total:		219.20	4.4

-----UNFUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-NR MIT		60.80	1.0
Year 2:	PKBASE-NR MIT		60.80	1.0
Year 3:	PKBASE-NR MIT		60.80	1.0
Year 4:	PKBASE-NR MIT		60.80	1.0
Total:			243.20	4.0

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s): NHPA

EXPLANATION:

Proposal Date: 94

PROJECT STATEMENT SHEET

INDE-N-903.000
PS Page: 0006

PROJECT NUMBER: INDE-N-903.000

TITLE: MAINTAIN LAWNS

FUNDING STATUS: FUNDED: 163.20 UNFUNDED: 163.20

SERVICEWIDE ISSUES: N22 VIS USE-DEV ZN

CULTURAL RESOURCE TYPE CODE: N/A

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

Independence National Historical Park maintains approximately 18 acres of turf located in some seventeen blocks of center city, Philadelphia, Pennsylvania. None of these turf areas are original to the 18th century. All of the lawns are maintained to current horticultural practices in order to accent and enhance the historic resources of the park. The park places a high priority on the aesthetic quality which well maintained lawns add to the park.

In this urban park the turf must be able to withstand numerous stress factors associated with city conditions: use and compaction from 4 to 5 million visitors a year, special events, air pollution, poor soil, shady conditions, wind tunnels, reflected heat, poor air circulation, poor water percolation, drought, humidity, insects, disease and weed infestations.

In a report prepared under contract for landscape maintenance purposes, Independence National Historical Park is divided into twenty areas. ("Landscape Maintenance Plan for Independence National Historical Park"; A. F. Rhoads, A. W. Graham, G. Waters; Morris Arboretum of the University of the University of Pennsylvania, June 1983) These areas have been grouped into three categories as far as landscape maintenance goals are concerned.

Category "A" includes the most visible parts of the park, those which experience the highest annual visitation and consequently receive the greatest impact from visitors. Category "B" includes areas which are not as heavily used as the central core. Category "C" includes peripheral areas which receive a much lower rate of visitation. High maintenance features such as formal hedges or flower beds are not present in "C" areas. Category "D" in which no park areas are classified would include natural woodlands, meadows and fields which require little or no annual maintenance. Appendix "C" of this report states turf maintenance standards for these various categories. (See attached)

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PROJECT STATEMENT SHEET

INDE-N-903.000

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DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

Maintain all turf areas to standards as stated in the report prepared for the Park by the Morris Arboretum of the University of Pennsylvania. Maintenance activities will be coordinated with the recommendations of Cultural Landscape Reports.

BUDGET AND FTEs:

-----FUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-NR	MIT	40.80	1.0
Year 2:	PKBASE-NR	MIT	40.80	1.0
Year 3:	PKBASE-NR	MIT	40.80	1.0
Year 4:	PKBASE-NR	MIT	40.80	1.0
Total:			163.20	4.0

-----UNFUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-NR	MIT	40.80	1.0
Year 2:	PKBASE-NR	MIT	40.80	1.0
Year 3:	PKBASE-NR	MIT	40.80	1.0
Year 4:	PKBASE-NR	MIT	40.80	1.0
Total:			163.20	4.0

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s):

EXPLANATION:

Proposal Date: 94

PROJECT STATEMENT SHEET

INDE-N-905.000
PS Page: 0008

PROJECT NUMBER: INDE-N-905.000

TITLE: MAINTAIN SHRUBS

FUNDING STATUS: FUNDED: 163.20 UNFUNDED: 81.60

SERVICEWIDE ISSUES: N22 VIS USE-DEV ZN

CULTURAL RESOURCE TYPE CODE: N/A

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

This project deals with maintenance of shrubbery.

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

Maintenance activities will be coordinated with the recommendations of Cultural Landscape Reports.

BUDGET AND FTEs:

-----FUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-NR MIT		40.80	1.0
Year 2:	PKBASE-NR MIT		40.80	1.0
Year 3:	PKBASE-NR MIT		40.80	1.0
Year 4:	PKBASE-NR MIT		40.80	1.0
Total:			163.20	4.0
-----UNFUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-NR MIT		20.40	0.5
Year 2:	PKBASE-NR MIT		20.40	0.5
Year 3:	PKBASE-NR MIT		20.40	0.5
Year 4:	PKBASE-NR MIT		20.40	0.5
Total:			81.60	2.0

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

Proposal Date: 94

PROJECT STATEMENT SHEET

INDE-N-905.000
PS Page: 0009

COMPLIANCE CODE(s):

EXPLANATION:

Proposal Date: 94

PROJECT STATEMENT SHEET

INDE-N-906.000
PS Page: 0010

PROJECT NUMBER: INDE-N-906.000

TITLE: MAINTAIN GARDENS AND FLOWER BEDS

FUNDING STATUS: FUNDED: 163.20 UNFUNDED: 163.20

SERVICEWIDE ISSUES: N08 CULT LANDSCAPE N22 VIS USE-DEV ZN

CULTURAL RESOURCE TYPE CODE: N/A

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

This project deals with maintaining gardens and flower beds.

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

Maintenance activities will be coordinated with the recommendations of Cultural Landscape Reports.

BUDGET AND FTEs:

-----FUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-NR MIT		40.80	1.0
Year 2:	PKBASE-NR MIT		40.80	1.0
Year 3:	PKBASE-NR MIT		40.80	1.0
Year 4:	PKBASE-NR MIT		40.80	1.0
Total:			163.20	4.0
-----UNFUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-NR MIT		40.80	1.0
Year 2:	PKBASE-NR MIT		40.80	1.0
Year 3:	PKBASE-NR MIT		40.80	1.0
Year 4:	PKBASE-NR MIT		40.80	1.0
Total:			163.20	4.0

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

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INDE-N-906.000
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COMPLIANCE CODE(s):

EXPLANATION:

Proposal Date: 94

PROJECT STATEMENT SHEET

INDE-N-907.000
PS Page: 0012

PROJECT NUMBER: INDE-N-907.000

TITLE: MANAGE PESTS

FUNDING STATUS: FUNDED: 65.20 UNFUNDED: 98.00

SERVICEWIDE ISSUES: N01 NAT ANML OVPOP N05 NON-NAT PLANTS

CULTURAL RESOURCE TYPE CODE: N/A

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

This project deals with managing pests using the NPS Integrated Pest Management approach.

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

Any effect on cultural resources will be evaluated and documented as required by Section 106 of the National Historic Preservation Act.

BUDGET AND FTEs:

-----FUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-NR	MIT	16.30	0.4
Year 2:	PKBASE-NR	MIT	16.30	0.4
Year 3:	PKBASE-NR	MIT	16.30	0.4
Year 4:	PKBASE-NR	MIT	16.30	0.4
Total:			65.20	1.6

-----UNFUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-NR	MIT	24.50	0.6
Year 2:	PKBASE-NR	MIT	24.50	0.6
Year 3:	PKBASE-NR	MIT	24.50	0.6
Year 4:	PKBASE-NR	MIT	24.50	0.6
Total:			98.00	2.4

Proposal Date: 94

PROJECT STATEMENT SHEET

INDE-N-907.000
PS Page: 0013

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s): 106

EXPLANATION:

Proposal Date: 94

PROJECT STATEMENT SHEET

INDE-N-908.000
PS Page: 0014

PROJECT NUMBER: INDE-N-908.000

TITLE: UPDATE LANDSCAPE PLANS AND PLANTINGS

FUNDING STATUS: FUNDED: 16.32 UNFUNDED: 204.00

SERVICEWIDE ISSUES: N08 CULT LANDSCAPE N22 VIS USE-DEV ZN

CULTURAL RESOURCE TYPE CODE: N/A

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

This project deals with updating landscape plans and plantings.

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

Maintenance activities will be coordinated with the recommendations of Cultural Landscape Reports. Any effects on cultural resources will be evaluated and documented as required by Section 106 of the National Historic Preservation Act.

BUDGET AND FTEs:

-----FUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-NR	MIT	4.08	0.1
Year 2:	PKBASE-NR	MIT	4.08	0.1
Year 3:	PKBASE-NR	MIT	4.08	0.1
Year 4:	PKBASE-NR	MIT	4.08	0.1
Total:			16.32	0.4
-----UNFUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-NR	RES	40.80	1.0
Year 2:	PKBASE-NR	RES	40.80	1.0
	PKBASE-NR	MIT	40.80	1.0
Subtotal:			81.60	2.0
Year 3:	PKBASE-NR	MIT	40.80	1.0
Year 4:	PKBASE-NR	MIT	40.80	1.0

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PROJECT STATEMENT SHEET

INDE-N-908.000

PS Page: 0015

Total:

=====

204.00

5.0

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s): 106

EXPLANATION:

Proposal Date: 94

PROJECT STATEMENT SHEET

INDE-N-909.000
PS Page: 0016

PROJECT NUMBER: INDE-N-909.000

TITLE: MAINTAIN SIDEWALKS AND PAVED SURFACES

FUNDING STATUS: FUNDED: 163.20 UNFUNDED: 32.80

SERVICEWIDE ISSUES: N22 VIS USE-DEV ZN

CULTURAL RESOURCE TYPE CODE: N/A

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

This project deals with maintaining sidewalks and paved surfaces.

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

Maintenance activities will be coordinated with the recommendations of Cultural Landscape Reports. Any effects on cultural resources will be evaluated and documented as required by Section 106 of the National Historic Preservation Act.

BUDGET AND FTEs:

-----FUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-NR MIT		40.80	1.0
Year 2:	PKBASE-NR MIT		40.80	1.0
Year 3:	PKBASE-NR MIT		40.80	1.0
Year 4:	PKBASE-NR MIT		40.80	1.0
Total:			163.20	4.0
-----UNFUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-NR MIT		8.20	0.2
Year 2:	PKBASE-NR MIT		8.20	0.2
Year 3:	PKBASE-NR MIT		8.20	0.2
Year 4:	PKBASE-NR MIT		8.20	0.2
Total:			32.80	0.8

Proposal Date: 94

PROJECT STATEMENT SHEET

INDE-N-909.000

PS Page: 0017

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s): 106

EXPLANATION:

Proposal Date: 94

PROJECT STATEMENT SHEET

INDE-N-910.000
PS Page: 0018

PROJECT NUMBER: INDE-N-910.000

TITLE: MONITOR AIR QUALITY

FUNDING STATUS: FUNDED: 20.00 UNFUNDED: 0.00

SERVICEWIDE ISSUES: N14 AIR POLLUTION

CULTURAL RESOURCE TYPE CODE: N/A

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

This project deals with monitoring air quality.

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY: N/A

BUDGET AND FTEs:

-----FUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-NR	RES	5.00	0.1
Year 2:	PKBASE-NR	RES	5.00	0.1
Year 3:	PKBASE-NR	RES	5.00	0.1
Year 4:	PKBASE-NR	RES	5.00	0.1
Total:			20.00	0.4

-----UNFUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:				
Year 2:				
Year 3:				
Year 4:				
Total:			0.00	0.0

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s):

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INDE-N-910.000
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EXPLANATION:

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PROJECT STATEMENT SHEET

INDE-N-911.000

PS Page: 0020

PROJECT NUMBER: INDE-N-911.000

TITLE: DEVELOP A HAZARD TREE MANAGEMENT PLAN

FUNDING STATUS: FUNDED: 16.00 UNFUNDED: 44.40

SERVICEWIDE ISSUES: N22 VIS USE-DEV ZN N01 NAT ANML OVPOP

CULTURAL RESOURCE TYPE CODE: N/A

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

As stated in Natural Resources Management Guideline (NPS 77) "The need for these plans arises from the responsibility of the NPS to reasonably protect visitors as invitees to parklands. Failure to do so could make the NPS liable. A deliberate effort by the NPS to manage for hazardous trees will reduce the risks and liability by avoiding vulnerability to claims of negligence or breach of duty."

As an urban Park with high visitation (estimated at over 2,000,000 per year) and containing over 1700 trees all areas of the Park may be considered as high risk factors. At this time trees are inspected on a periodic basis and corrective measures are taken as determined necessary by the Park Horticulturist and Grounds and Trails Foreman. All employees are also required to report hazardous conditions to their supervisor or the Park Safety Officer. This system seems to have prevented most tree failures that may have occurred had not action been taken. As stated in NPS 77, for landscaped and/or cultural zones all trees should be individually inspected and their condition recorded. The documentation for trees not deemed hazardous, which would further reduce risks and liability does not meet new requirements.

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

Develop and implement a Hazard Tree Management Plan to systematically identify hazardous trees and evaluate their threat to the safety of persons and property. Periodic, thorough and documented hazard tree inspections are essential to maintaining safe conditions. The goal of hazard evaluation and control will be to provide an acceptable level of public safety while minimizing tree loss and overall costs. Maintenance activities will be coordinated with the recommendations of Cultural Landscape Reports. Any effects on cultural resources will be evaluated and documented as required by Section 106 of the National Historic Preservation Act.

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BUDGET AND FTES:

-----FUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTES
Year 1:	PKBASE-NR	MIT	4.00	0.1
Year 2:	PKBASE-NR	MIT	4.00	0.1
Year 3:	PKBASE-NR	MIT	4.00	0.1
Year 4:	PKBASE-NR	MIT	4.00	0.1
Total:			16.00	0.4

-----UNFUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTES
Year 1:	PKBASE-NR	MIT	20.40	0.5
Year 2:	PKBASE-NR	MIT	8.00	0.2
Year 3:	PKBASE-NR	MIT	8.00	0.2
Year 4:	PKBASE-NR	MIT	8.00	0.2
Total:			44.40	1.1

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s):

EXPLANATION:

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CULTURAL RESOURCE PROJECT STATEMENTS

PROJECT STATEMENT SHEET

INDE-C-001.000
PS Page: 0001

PROJECT NUMBER: INDE-C-001.000

TITLE: ROUTINE MAINTENANCE OF MUSEUM COLLECTIONS

FUNDING STATUS: FUNDED: 440.00 UNFUNDED: 532.00

SERVICEWIDE ISSUES: C12 PRESERVE MGMT C24 INSUFF STAFF

CULTURAL RESOURCE TYPE CODE: OBJC

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

Collections on exhibit should be maintained to professional level standards. They require weekly inspection for signs of imperilment or deterioration, and weekly superficial cleaning for the removal of air-borne corrosives and contaminants. Collections in storage require weekly inspection and bi-annual cleaning. Annually, every exhibit area requires thorough housecleaning when all reproduction textiles are cleaned and reinstalled, each piece of furniture is inspected for infestation, and objects are given special treatments. The interior architecture of exhibit areas requires periodic cleaning. The purpose of this cleaning is to prolong the objects' life as NPS-28 requires, and also to present the historic settings to visitors in an optimal manner. Frequent visitation plus antiquated HVAC systems increase the rate of deposit of air-borne dust, and corrosives on the collections. In some historic buildings, Independence Hall among them, weekly cleaning is insufficient for adequate collections care. Present funding and staffing levels will contribute to a continuing decline in the condition of Museum collections and in the appearance of the historic installations. Visitor complaints will increase.

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

The Park museum technical staff shall continue to perform minor conservation and small repairs of collection objects according to priorities set by the findings of conservation surveys performed under the oversight of the curatorial staff. Written documentation of all work is mandatory, even though documentation requirements will slow the work process. The addition of a full-time GS-04 Museum Aide position to the technical staff would increase the efficiency of housekeeping performance, thereby allowing the technical staff more flexibility in the scheduling of preservation treatments, environmental monitoring, and collections photography.

Current budget based upon FY92 cultural cyclic money. FTE reflects combined time of park curatorial staff to administer projects. Unfunded budget reflects current cyclic funds plus

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PROJECT STATEMENT SHEET

INDE-C-001.000

PS Page: 0002

unding for one full-time Museum Aide, GS-04. Staffing reflects that increase.

BUDGET AND FTEs:

-----FUNDED-----		
Source	Act Type	Budget (\$1000s) FTEs
Year 1:	PKBASE-CR MIT	110.00 2.8
Year 2:	PKBASE-CR MIT	110.00 2.8
Year 3:	PKBASE-CR MIT	110.00 2.8
Year 4:	PKBASE-CR MIT	110.00 2.8
Total:		440.00 11.2

-----UNFUNDED-----		
Source	Act Type	Budget (\$1000s) FTEs
Year 1:	PKBASE-CR MIT	133.00 3.8
Year 2:	PKBASE-CR MIT	133.00 3.8
ear 3:	PKBASE-CR MIT	133.00 3.8
Year 4:	PKBASE-CR MIT	133.00 3.8
Total:		532.00 15.2

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s):

EXPLANATION:

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PROJECT STATEMENT SHEET

INDE-C-002.000

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PROJECT NUMBER: INDE-C-002.000

TITLE: CONSERVATION OF MUSEUM OBJECTS

FUNDING STATUS: FUNDED: 184.00 UNFUNDED: 344.00

SERVICEWIDE ISSUES: C12 PRESERVE MGMT C15 CONSERV TREAT

CULTURAL RESOURCE TYPE CODE: OBJC

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

All collections shall be maintained to professional-level standards. Currently, condition surveys exist or are in progress for paintings, pastels, and a portion of the works in wood, works on paper, and metals. There are no surveys for the remainder of the paper, wood, and metals collections, nor for any of the bound works, ephemera, ceramics, glass and archival collections. A prioritized condition survey of all media is needed to maximize the efficient use of conservation funds. Lack of trained staff and adequate workspace limits the extent of conservation work the Park can undertake in-house.

xAlmost all conservation work currently undertaken is performed on contract at great cost to the Service. Lack of a routine, annually-funded conservation program means the continued deterioration of collections, detracting from the visitor's enjoyment of the resource, and reduction in the care of the collections as demanded by NPS28.

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

The Park shall obtain collections condition surveys with prioritized treatment plans for all media. The Park shall obtain conservation treatment for all surveyed objects assigned highest treatment priority and shall simultaneously obtain treatment for 40% and 20% of all objects assigned second and third priorities. The Park shall explore the option of increasing conservation space and shall, within three years, conduct a cost-benefit analysis as to the desirability of continued performance of conservation work on contract versus the performance of conservation work in-house. Minor conservation and repairs of objects shall continue to be performed by the technical staff; but written and visual documentation of all work is mandatory. While essential to the care of each object, documentation requirements will slow the work process.

Current budget based upon FY92 cultural cyclic money. FTE reflects combined time of park curatorial staff to administer the projects. Unfunded budget reflects current cyclic funds plus

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INDE-C-002.000

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inding for one full-time conservator, GS-11. Staffing reflects that increase.

BUDGET AND FTEs:

-----FUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-CR	MIT	46.00	0.5
Year 2:	PKBASE-CR	MIT	46.00	0.5
Year 3:	PKBASE-CR	MIT	46.00	0.5
Year 4:	PKBASE-CR	MIT	46.00	0.5
Total:			184.00	2.0

-----UNFUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-CR	MIT	86.00	1.5
Year 2:	PKBASE-CR	MIT	86.00	1.5
Year 3:	PKBASE-CR	MIT	86.00	1.5
Year 4:	PKBASE-CR	MIT	86.00	1.5
Total:			344.00	6.0

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS:

The Park may find cost benefit in the employment of a metals and a paper conservator on a full-time basis. This would also provide continuity to the conservation program.

COMPLIANCE CODE(s):

EXPLANATION:

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PROJECT STATEMENT SHEET

INDE-C-003.000

PS Page: 0005

PROJECT NUMBER: INDE-C-003.000

TITLE: REGISTRATION OF MUSEUM COLLECTION

FUNDING STATUS: FUNDED: 142.00 UNFUNDED: 280.40

SERVICEWIDE ISSUES: C03 MUS CATALOGING C24 INSUFF STAFF

CULTURAL RESOURCE TYPE CODE: OBJC

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

All museum collections must be registered in accordance with NPS-28 and in conformity with standards described in the Museum Handbook Part II. The Park is required to use the Automated National Catalog System (ANCS) to accomplish this task. Not only does the Park have an estimated backlog of 456,412 uncataloged objects (this figure includes archeological and architectural study collections), it also has some 12,500 catalog entries in hard copy which must be reformatted into the ANCS program. The chapter on Museum Property Management in Interior's Departmental Manual which went into effect in January 1993, broadens the museum collections to include archival materials. Without sufficient registrarial management of this collection of over 530,000 items, the potential for loss through insufficient internal controls is great. Backlog of materials to go on-line will grow and information about collections will be lost. Information about collections will not be retrievable for scholars in and outside of the Service. Less than 100% of the collection will be inventoried annually, thereby further increasing the potential for loss.

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

Every object must be annually inventoried. One percent of the collection is put on-line each year. Twenty-five percent of all off-site loans are inspected each year. An action plan is developed for the identification, sequestration, and recordation of archival materials. The Registrar works closely with contractors responsible for cataloging and entering approximately 5,000 items into the ANCS program each year. Additionally, the registrar is responsible for the design of all storage areas and their maintenance and installation. The registrar will be responsible for the safe relocation of collections as they are impacted by the implementation phase of the Parkwide Utilities Improvement Project over the course of the next ten years.

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INDE-C-003.000

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JDGET AND FTEs:

-----FUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-CR	RES	35.50	1.0
Year 2:	PKBASE-CR	RES	35.50	1.0
Year 3:	PKBASE-CR	RES	35.50	1.0
Year 4:	PKBASE-CR	RES	35.50	1.0
Total:			142.00	4.0

-----UNFUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-CR	RES	70.10	2.0
Year 2:	PKBASE-CR	RES	70.10	2.0
Year 3:	PKBASE-CR	RES	70.10	2.0
Year 4:	PKBASE-CR	RES	70.10	2.0
Total:			280.40	8.0

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS:

The unfunded budget includes provision for a second professional-level registrarial position which would share the expanding work load. Responsibilities for collections documentation have increased and the demands of the utilities improvement project as well as those of the Regional and Waso offices have so increased as to make to performance of the job duties to even the acceptable level impossible for one person. The additional staff person would contribute to the safety and internal control of the collections.

COMPLIANCE CODE(s):

EXPLANATION:

Proposal Date: 94

PROJECT STATEMENT SHEET

INDE-C-004.000

PS Page: 0007

PROJECT NUMBER: INDE-C-004.000

TITLE: CURATORIAL REPORTS

FUNDING STATUS: FUNDED: 68.00 UNFUNDED: 154.00

SERVICEWIDE ISSUES: C09 NEED COLL MGMT C10 SPECIAL STUDY

CULTURAL RESOURCE TYPE CODE: OBJC

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

The Curatorial unit is required to complete and maintain a series of management documents which explain the collections and their installations and which guide their maintenance and development. Daily operations demands placed upon a reduced staff have made the execution of some of these reports impossible. The lack of these history and planning documents combined with staff turnover and loss of corporate memory could seriously imperil the collections.

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

A realistic plan with a timetable is produced to generate an updated scope of collections statement, archeological studies, collections management plan, collections storage plan, collection condition surveys, ethnohistories, historic furnishings reports updatings and studies. Similarly, a plan for the complete implementation of several approved studies must be addressed. This includes the complete installations of several refurbished structures.

At present, we are able to devote .5 of 1 curatorial staff year (GS-9) to this project. The proposed increase would either fund 1 staff year (GS-11) or be used for contractual services.

BUDGET AND FTEs:

-----FUNDED-----		
Source	Act Type	Budget (\$1000s) FTEs
Year 1:	PKBASE-CR RES	17.00 0.5
Year 2:	PKBASE-CR RES	17.00 0.5
Year 3:	PKBASE-CR RES	17.00 0.5
Year 4:	PKBASE-CR RES	17.00 0.5

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Total: 68.00 2.0

-----UNFUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-CR	RES	38.50	1.0
Year 2:	PKBASE-CR	RES	38.50	1.0
Year 3:	PKBASE-CR	RES	38.50	1.0
Year 4:	PKBASE-CR	RES	38.50	1.0
Total:			154.00	4.0

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS:

Some of these reports could be produced on a contract basis. They would require working closely with a curatorial staff member.

COMPLIANCE CODE(s):

EXPLANATION:

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INDE-C-005.000

PS Page: 0009

PROJECT NUMBER: INDE-C-005.000

TITLE: CURATION OF MUSEUM COLLECTIONS

FUNDING STATUS: FUNDED: 524.00 UNFUNDED: 288.00

SERVICEWIDE ISSUES: C24 INSUFF STAFF C09 NEED COLL MGMT

CULTURAL RESOURCE TYPE CODE: OBJC

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

Curation at Independence involves research of objects and their cultural context, the preparation of ethnohistories which elucidate those contexts; the acquisition, cataloging and housing of the collections; identifying conservation needs and contracting for those services; contracting for extensive cataloging and collections surveying services; identification and cultivation of potential donors to the collections and watching for other sources of acquisitions; offering special tours and training sessions about the collections; preparing furnishings plans, studies, addenda, completion reports; publishing certain segments of the collection or studies; inspecting collections for signs of deterioration or for signs of vulnerability to theft or environmental damage; interfacing with other divisions on the protection and presentation of the collections; answering inquiries about the collections, closely monitoring the environment of collections on display or in storage; establishing acceptable parameters for the management of the collections to professionally acceptable standards and Park Service guidelines (NPS-28, 80-1).

Failure to perform these routine activities jeopardizes the Park's resource of irreplaceable objects. Lack of personnel has deferred many of these activities by as much as 20% per year. In the past 2 years, the division has lost 2 professional staff positions, placing an increased burden on remaining staff. Staff contraction is inversely proportional to increased demands made by greater accountability, professionalism, and the Park's visitation.

Present funding levels will contribute to the decline in professional curatorial management of the collections. Large segments of the curatorial workload will be postponed indefinitely in favor of immediate, emergency collections needs. This will result in the inaccessibility of the collections to visitors and scholars.

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PROJECT STATEMENT SHEET

INDE-C-005.000

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DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

Collections are inspected weekly for signs of deterioration or vulnerability to theft or environmental threats, pending completion of a parkwide Integrated Pest Management Plan (see INDE-N-907.000); collections are inspected annually for infestation. Environment is monitored and staff works closely with other divisions and contractors to implement the utilities improvement project. Collections are thoroughly researched, cataloged, updated at the rate of .5% per year. Opportunities to increase the collections through gift or purchase are monitored and pursued. Contractual documents for cataloging and conservation services are prepared in a timely manner and monitored. Special tours and training sessions are given a request, and offered when a need is perceived.

Unfunded amounts are for 2 full-time, GS-11 curator positions.

BUDGET AND FTEs:

-----FUND-----		
Source	Act Type	Budget (\$1000s) FTEs
Year 1:	PKBASE-CR RES	131.00 3.0
Year 2:	PKBASE-CR RES	131.00 3.0
Year 3:	PKBASE-CR RES	131.00 3.0
Year 4:	PKBASE-CR RES	131.00 3.0
Total:		=====
		524.00 12.0

-----UNFUNDED-----		
Source	Act Type	Budget (\$1000s) FTEs
Year 1:	PKBASE-CR RES	72.00 2.0
Year 2:	PKBASE-CR RES	72.00 2.0
Year 3:	PKBASE-CR RES	72.00 2.0
Year 4:	PKBASE-CR RES	72.00 2.0
Total:		=====
		288.00 8.0

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s):

EXPLANATION:

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PROJECT STATEMENT SHEET

INDE-C-006.000

PS Page: 0012

PROJECT NUMBER: INDE-C-006.000

TITLE: MAINTENANCE OF OUTDOOR SCULPTURE

FUNDING STATUS: FUNDED: 10.00 UNFUNDED: 20.00

SERVICEWIDE ISSUES: C17 CTRL ENV IMPAC C18 CTRL VIS IMPAC

CULTURAL RESOURCE TYPE CODE: OBJC

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

Outdoor sculpture and monuments shall be maintained according to National Park Service standards. There is currently an ongoing monitoring and cleaning program that is performed by a museum specialist and a museum technician. Our collection now consists of five statues, ninety-four plaques, one wood carving (the tympanum of the First Bank of the United States), three maps in relief for the blind, and one miniature replica of a home. The sculptures and monuments are very susceptible to graffiti, bird droppings, and weathering (especially acid rain). The elements have a negative impact by destroying the patina or the bronze itself.

The sculptures are also subject to visitor abuse through food consumed or dropped on them, and through vandalism. The abuse evokes a negative response to visitors towards the sculpture. There is one area around the base of a sculpture (The Signer), where the visitors have destroyed the surrounding grass. This has a severe negative impact on the appearance of the Park and its mission. The bases of the outdoor sculptures require recaulking and repointing.

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

The outdoor sculptures and monuments are washed and hot waxed every year. This is done to protect and preserve them from the corrosive effects of weather and bird droppings. Every five years they are stripped of all wax and any corrosion by the process of walnut shell blasting, then they are washed, sprayed with a corrosion inhibitor, and rewaxed. Every month they are inspected for graffiti or any other type of vandalism. If any occurs, it is immediately addressed.

The area of bare ground will be replanted and roped off from visitor access until the grass grows thick enough for visitor trafficking.

Visitors will be informed that the eating on or climbing on the statues and monuments can be hazardous as well as detrimental to the object. Visitors will be directed to appropriate lunch areas during visitor orientations in the east wing or the visitor

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enter.

Every two years, the Park pays for a Park Service conservator who specializes in the care of outdoor sculpture to visit the Park and inspect the bronze collection. A similar program for the wood tympanum began this year.

*Notes to Budget: Funds from the general cyclic maintenance fund have been used to pay for professional consultations, tools, equipment and high-lift rental for annual maintenance. This work can only be performed during the hottest months of the year. At present, 2 of our 3 technicians perform the work, leaving 1 technician to perform the remainder of the technical staff's workload. Additional FTEs are needed to employ temporary assistance during this critical time.

BUDGET AND FTEs:

-----FUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-CR MIT		2.50	0.3
Year 2:	PKBASE-CR MIT		2.50	0.3
Year 3:	PKBASE-CR MIT		2.50	0.3
Year 4:	PKBASE-CR MIT		2.50	0.3
Total:			10.00	1.2

-----UNFUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-CR MIT		5.00	0.6
Year 2:	PKBASE-CR MIT		5.00	0.6
Year 3:	PKBASE-CR MIT		5.00	0.6
Year 4:	PKBASE-CR MIT		5.00	0.6
Total:			20.00	2.4

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s): 106

EXPLANATION:

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PROJECT STATEMENT SHEET

INDE-C-007.000

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PROJECT NUMBER: INDE-C-007.000

TITLE: FURNISH HIST BLDG INTERIORS W/ REPRODUCED TEXTILES

FUNDING STATUS: FUNDED: 0.00 UNFUNDED: 260.00

SERVICEWIDE ISSUES: C17 CTRL ENV IMPAC C26 OTHER

CULTURAL RESOURCE TYPE CODE: STRC

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

Reproduction textiles (floor coverings, window hangings, upholstery, ancillary items and costumes) shall be constructed, installed, and maintained in the historic building interiors according to the individual requirements specified in the approved building furnishing plans.

At present, all of the furnished historic rooms in the park contain reproduction textiles which are subject to wear stemming from visitor and staff use (floor coverings) and from environmental effects (sun fading of upholstery, window hangings). In addition, the approved project to install reproduction carpeting in the historically furnished Bishop White House remains to be implemented.

Regular cleaning of the textiles by Museum Technical staff and the use of ultraviolet filtering film on those windows that contain non-historic glass have extended the life of some reproduction textiles currently on exhibit. All of this textile material has, however, invariably deteriorated with age. Some of the expensive window hangings in Congress Hall are now 30 years old. Draperies in the Second Bank are 17 years old. Wear on the existing reproduction textiles and the incomplete installation of recommended reproduction textiles detracts from the presentation of historic accuracy in the furnished interiors which impedes the park's interpretive mission. And, as reproduction textiles (e.g window hangings) can protect historic furnishings from direct contact with damaging environmental factors (i.e. sunlight), the absence or poor condition of those reproductions compromises the park's mandate to maintain its cultural resources.

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

During regular performance of established cleaning procedures by Museum Technical staff, all reproduction textiles currently on exhibit will be examined and evaluated as to physical condition. Curatorial staff will then develop a multiyear schedule for replacement that will prioritize those textiles which currently evidence deterioration in order of degree of severity. Sources for production of reproduction textiles are on file in the Museum

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Office. Specifications for replacement of reproduction textiles have also been determined.

The research phase of development for reproduction carpeting in the Bishop White House has been completed, and a source for the product has been located. Implementation of the installation phase of this project can be performed in conjunction with the scheduled maintenance of existing reproduction textiles.

We have no special funds for this item. We have been using cyclic maintenance money which should be spent on conservation.

BUDGET AND FTEs:

-----FUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-CR	INT	0.00	0.1
Year 2:	PKBASE-CR	INT	0.00	0.1
Year 3:	PKBASE-CR	INT	0.00	0.1
Year 4:	PKBASE-CR	INT	0.00	0.1
Total:			0.00	0.4

-----UNFUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-CR	INT	65.00	0.3
Year 2:	PKBASE-CR	INT	65.00	0.3
Year 3:	PKBASE-CR	INT	65.00	0.3
Year 4:	PKBASE-CR	INT	65.00	0.3
Total:			260.00	1.2

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s):

EXPLANATION:

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PROJECT STATEMENT SHEET

INDE-C-008.000
PS Page: 0016

PROJECT NUMBER: INDE-C-008.000

TITLE: RECORD PHOTOGRAPHY OF CONTROLLED MUSEUM PROPERTY

FUNDING STATUS: FUNDED: 4.00 UNFUNDED: 20.00

SERVICEWIDE ISSUES: C03 MUS CATALOGING C24 INSUFF STAFF

CULTURAL RESOURCE TYPE CODE: OBJC

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

All controlled museum property shall be individually photographed according to specifications stated in the NPS Museum Handbook, and the photographs placed in the permanent accession files.

The park's museum collection contains over 530,000 objects in a wide range of media, including the decorative and fine arts. 1,500 of these objects qualify as controlled property. The majority of these objects are exhibited in historic structures within the park. Continuous recordation of each museum object's location and physical condition is a primary function of the Museum Division in fulfillment of NPS-28's mandate to preserve its cultural resources. Photography represents the most precise method of object recordation.

Progress in photographing the museum collection is affected by the large number of controlled museum objects in the museum and by the project's time-consuming nature (retrieving objects from exhibit, setting up shots, processing completed photography). Present staff levels do not permit the assignment of a full-time photographer to this project, and the majority of controlled museum objects await record photography.

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

Museum Technical staff shall maintain their present schedule of museum object photography for new acquisitions, short-term loans, and contract conservation.

Photographic documentation for the controlled museum property collection is required to preserve a complete record of the cultural resource. Systematic and timely completion of a photographic project for the controlled museum property collection will require supplemental staff and increased spending for supplies.

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BUDGET AND FTEs:

-----FUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-CR	MON	1.00	0.3
Year 2:	PKBASE-CR	MON	1.00	0.3
Year 3:	PKBASE-CR	MON	1.00	0.3
Year 4:	PKBASE-CR	MON	1.00	0.3
Total:			4.00	1.2

-----UNFUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-CR	MON	5.00	1.0
Year 2:	PKBASE-CR	MON	5.00	1.0
Year 3:	PKBASE-CR	MON	5.00	1.0
Year 4:	PKBASE-CR	MON	5.00	1.0
Total:			20.00	4.0

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s):

EXPLANATION:

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PROJECT NUMBER: INDE-C-009.000

TITLE: UTILIZATION OF ARCHEOLOGICAL REMAINS

FUNDING STATUS: FUNDED: 400.00 UNFUNDED: 800.00

SERVICEWIDE ISSUES: C03 MUS CATALOGING

CULTURAL RESOURCE TYPE CODE: OBJC

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

Independence National Historical Park has 500,000, historical archaeological specimens in its archaeological collections. NPS-28, and NPS 36 CFR Part 79 (Section 79.4, b, 1) states that all of these objects will be managed and preserved according to professional museum practices, including cataloging and storing. Accountability of these specimens is a critical issue within the National Park Service and the Department of the Interior. Another problem is the storage of this collection. Two reports have been produced concerning the storage of the INHP archaeological collections. One half of the archaeological collection is now stored in the Anthropology Department of Temple University. For the security and curation of the whole collection, INHP would like to have all of its archaeological resources stored, housed or exhibited at INHP. Unfortunately, at present there is no space at INHP to store the artifacts at Temple University.

We anticipate future archaeological excavations at Independence. The areas of the Park that are of concern include the acquisition of the Washington Square site; Independence Square and the development of the third block of the Mall area; and the Utilities Improvement Project. All of these areas have the potential of enlarging the archaeological collections at INHP.

Over the past two years (through two separate contracts) 56,000 of INHP's 500,000, specimens have been cataloged using the ANCS system. The catalog worksheet/specimen ratio has been averaging 1 worksheet to every 5 specimens. INHP has awarded a contract with an archaeological firm to catalog 20,000 items this year.

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DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

Double the production of the ANCS computer cataloging project in order to have accessible data within 10 years. Planning for a space large enough to store the entire INHP archaeological collection needs to continue. We wish to upgrade and procure new storage cabinets to store the entire archaeological collection in. Fire proof file cabinets and map storage units are needed. Continued planning for possible growth and storage of the INHP archaeological collections. Reaccess solutions annually in light of possible excavation projects. The unfunded budget would change considerably if a new excavation was undertaken. No storage solutions developed will involve ground-breaking activities, nor will they have negative impacts on historic structures. Any storage solutions involving an historic structure would be subject to review for compliance with the NHPA.

BUDGET AND FTEs:

-----FUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-CR	RES	100.00	0.2
Year 2:	PKBASE-CR	RES	100.00	0.2
Year 3:	PKBASE-CR	RES	100.00	0.2
Year 4:	PKBASE-CR	RES	100.00	0.2
Total:			400.00	0.8
-----UNFUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-CR	RES	200.00	0.3
Year 2:	PKBASE-CR	RES	200.00	0.3
Year 3:	PKBASE-CR	RES	200.00	0.3
Year 4:	PKBASE-CR	RES	200.00	0.3
Total:			800.00	1.2

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(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s):

EXPLANATION:

Proposal Date: 94

PROJECT STATEMENT SHEET

INDE-C-010.001
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PROJECT NUMBER: INDE-C-010.001

TITLE: DEVELOPMENT OF A MUSEUM ARCHIVES
SUBPROJECT TITLE: ASSESSMENT AND MGMT PLAN

FUNDING STATUS: FUNDED: 240.00 UNFUNDED: 120.00

SERVICEWIDE ISSUES: C01 INADEQUATE DOC

CULTURAL RESOURCE TYPE CODE: N/A

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

The new edition of the NPS Museum Handbook requires the establishment of an archives using the ANCS catalog system. This archives includes not only materials within the present museum collection but also materials relating to the establishment and growth of the park and materials relating to the park's preservation program. The park began a separate archives in 1983 which has now outgrown its space. The archives requires definition through scoping statements and denotation of materials and collections. A similar effort is required to identify materials throughout the park which should be archived and to develop procedures to do so. Likewise, the park's vast collection of images needs control. These images range from record photographs of architecture and conservation, to "scrapbook" clippings of images in non-park collections. The park staff must recognize that the development and maintenance of an archives is a permanent, on-going activity. The park has designated 1 FTE for an archivist and we anticipate filling the position by FY 95.

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

The Park Archivist with the assistance of the Curatorial Services Division, WASO, will develop an overview and assessment of INDE's archive needs and a plan to achieve them. The archivist will also develop a management plan for the park archives that includes a plan for relocating the archives to the Merchants' Exchange building in 1997 as part of a consolidated Park Headquarters. No storage solutions developed will involve ground-breaking activities, nor will they have negative impacts on historic structures. Any storage solutions involving an historic structure would be subject to review for compliance with the NHPA.

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BUDGET AND FTEs:

-----FUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-CR	MON	60.00	1.0
Year 2:	PKBASE-CR	MON	60.00	1.0
Year 3:	PKBASE-CR	MON	60.00	1.0
Year 4:	PKBASE-CR	MON	60.00	1.0
Total:			240.00	4.0

-----UNFUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-CR	RES	20.00	1.0
Year 2:	PKBASE-CR	RES	20.00	1.0
Year 3:	PKBASE-CR	RES	40.00	1.0
Year 4:	PKBASE-CR	RES	40.00	1.0
Total:			120.00	4.0

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS:

If the park continues to ignore the needs of its archival materials it will be operating counter to the guidelines of the Museum Handbook. But even more importantly, INDE's database is at risk. INDE will lose control of important records -- or even lose the records themselves -- which will figure into operational decisions that impact upon the cultural resources, if its archival needs are ignored.

COMPLIANCE CODE(s): OTHER

EXPLANATION: COMPLIANCE NOT NEEDED

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PROJECT STATEMENT SHEET

INDE-C-011.000
PS Page: 0022

PROJECT NUMBER: INDE-C-011.000

TITLE: LIBRARY OPERATIONS

FUNDING STATUS: FUNDED: 120.00 UNFUNDED: 72.00

SERVICEWIDE ISSUES: C01 INADEQUATE DOC C26 OTHER

CULTURAL RESOURCE TYPE CODE: N/A

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

The Park's Library contains 7,000 volumes, some 500 reels of microfilm, photographic files, the history notecard file of 150,000 items, subscriptions to periodicals, and the park archives. In addition, the librarian fills all photo orders. The park library is used by park staff, regional staff, and special use researchers who are non-NPS employees. It is presently staffed by 1FTE Library Technician who is responsible for the administration of these collections. While there is a clear understanding of the library's mission and purpose, there are no scoping documents for the collections. The technician works Monday through Friday and when the library is used on weekends, there is no one to serve users. There are also minimal internal controls on the library materials. There are branch libraries in the districts which are managed as a collateral duty by interpretive rangers. However, ranger turnover and demands on time have made administration of the branch libraries through rangers frustrating. The library is currently involved in two important improvement projects: the computerization of the history notecard file, and the computerization of the card catalog which will have the adjunct result of the subscription to on-line services. These projects will result in increased use of the facilities. There must be an increase of staff if the librarian is to efficiently perform all duties and if the library is to have proper monitoring on weekends and at district sites.

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

Increase the library staffing by .6 FTE and employ a technician who would work three days' per week and whose tour of duty would include Saturday and Sunday. During this tour of duty, the technician would monitor library activities, perform all

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library centered photo order activities, and supply assistance to the librarian by updating the card catalog, maintaining the slide collection, the shelf list, and shelving materials. On the week day of work that overlapped the librarian's tour of duty, the technician would administer the district libraries, update the librarian on weekend activities, and provide further assistance.

BUDGET AND FTEs:

-----FUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-CR	RES	30.00	1.0
Year 2:	PKBASE-CR	RES	30.00	1.0
Year 3:	PKBASE-CR	RES	30.00	1.0
Year 4:	PKBASE-CR	RES	30.00	1.0
Total:			120.00	4.0

-----UNFUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-CR	RES	18.00	0.6
Year 2:	PKBASE-CR	RES	18.00	0.6
Year 3:	PKBASE-CR	RES	18.00	0.6
Year 4:	PKBASE-CR	RES	18.00	0.6
Total:			72.00	2.4

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS:

Close the library on weekends and only operate when the library technician is on duty during the week. Remove all library administered materials from the district libraries and discontinue this service. This would reduce the research time allotted to park interpretive staff and it would reduce the opportunity the interpretive staff has to improve their information base. This lack of accessibility of reading materials would probably negatively impact the quality of

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interpretation visitors receive. The other alternative is to require the Division of Interpretation to purchase materials and maintain its own libraries. This would be a duplication of effort.

Without proper scoping documents and internal controls, the librarian will lack the guidance and ability to deliver the quality of services CRM Division should provide.

COMPLIANCE CODE(s): OTHER

EXPLANATION: COMPLIANCE NOT NEEDED

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PROJECT STATEMENT SHEET

INDE-C-012.000
PS Page: 0024

PROJECT NUMBER: INDE-C-012.000

TITLE: HISTORY RESEARCH REPORTS

FUNDING STATUS: FUNDED: 360.00 UNFUNDED: 0.00

SERVICEWIDE ISSUES: C10 SPECIAL STUDY C05 NEED HSRS

CULTURAL RESOURCE TYPE CODE: STRC

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

During the first three decades of the park an enormous amount of research and scholarly writing was completed to document the park's historic resources. In more recent years the historians have been called on to respond to bicentennial demands, first for the Constitution and then various observances for the capital city theme. Interpretation and Visitor Services Branch counts on the history staff to review written materials, both inhouse and out, to be a consultant for winter seminars, and to assist with exhibit text. Letters and calls of inquiry and requests for research assistance from outside the park have demanded increasing staff time. The historians also have been asked to give more tours and speeches for individuals and groups. As well, they supervise volunteers and interns in their office and serve on several committees for historical societies in the Delaware Valley. These varied tasks have gradually taken over the time needed to concentrate on and complete historical research and writing. The park has a list of research reports and projects that will be, when completed, important sources for the interpretation and protection of the historic resources. Especially with the new thrust for cultural landscape inventories, the mapping of the park historic resources will be a timely contribution to the research.

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

A balanced allocation of the historians' time to allow concentrated effort on research and writing will correct some of the problem. Considering the diverse demands on their time, however, only one research assignment a year could be expected.

To complete some of the other projects on the list, contract

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services might be the preferred means. The mapping historic resources project, for instance, would be an excellent one to contract out to computer mapping divisions in a local university.
BUDGET AND FTEs:

-----FUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-CR	RES	90.00	1.8
Year 2:	PKBASE-CR	RES	90.00	1.8
Year 3:	PKBASE-CR	RES	90.00	1.8
Year 4:	PKBASE-CR	RES	90.00	1.8
Total:			360.00	7.2

-----UNFUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:				
Year 2:				
Year 3:				
Year 4:				
Total:			0.00	0.0

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s): NHPA

EXPLANATION: NATIONAL REGISTER EVALUATIONS

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PROJECT STATEMENT SHEET

INDE-C-013.001
PS Page: 0026

PROJECT NUMBER: INDE-C-013.001

TITLE: MAINTAIN HISTORIC STRUCTURES
SUBPROJECT TITLE: MASONRY REPAIRS

FUNDING STATUS: FUNDED: 0.00 UNFUNDED: 360.00

SERVICEWIDE ISSUES: C13 REHAB/RESTORAT C17 CTRL ENV IMPAC

CULTURAL RESOURCE TYPE CODE: STRC

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

Exterior walls of park historic structures are largely built of brick, laid in Flemish bond, often with glazed headers, and with distinctive grape-vine mortar joints. Mortar joints are subject to slow, chronic deterioration caused moisture penetration through the walls as well as by exposure to weather.

Three park buildings are built of Pennsylvania blue marble, a locally quarried partially metamorphosed limestone. The column capitals of the Merchants' Exchange are carved in Carrarra marble imported from Italy as part of the original construction. This stone is subject to deterioration caused by air-borne pollutants (see Air Quality Project Statement).

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

The Park's Maintenance Division employees one full-time mason and one full-time mason's helper. This is inadequate to keep up with the rate of masonry deterioration in the park. Much of these employees workload is taken up with elimination of tripping hazards in modern brick sidewalks. This work would be better taken care of by contract, reserving the special skills of park masons for the more critically demanding work of repointing park historic structures. It is proposed that two additional FTE be added to Park Maintenance staff to manage this important workload.

BUDGET AND FTEs:

-----FUNDED-----			
Source	Act	Type	Budget (\$1000s) FTEs

Year 1:

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Year 2:

Year 3:

Year 4:

	=====	
Total:	0.00	0.0

-----UNFUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-CR	MIT	90.00	2.0
Year 2:	PKBASE-CR	MIT	90.00	2.0
Year 3:	PKBASE-CR	MIT	90.00	2.0
Year 4:	PKBASE-CR	MIT	90.00	2.0
			=====	
		Total:	360.00	8.0

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s): 106

EXPLANATION:

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PROJECT STATEMENT SHEET

INDE-C-013.002
PS Page: 0028

PROJECT NUMBER: INDE-C-013.002

TITLE: MAINTAIN HISTORIC STRUCTURES
SUBPROJECT TITLE: MASONRY RESEARCH

FUNDING STATUS: FUNDED: 0.00 UNFUNDED: 40.00

SERVICEWIDE ISSUES: C06 NEED HSPGS C15 CONSERV TREAT

CULTURAL RESOURCE TYPE CODE: STRC

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

Exterior walls of park historic structures are largely built of brick, laid in Flemish bond, often with glazed headers, and with distinctive grape-vine mortar joints. Mortar joints are subject to slow, chronic deterioration caused moisture penetration through the walls as well as by exposure to weather.

Three park buildings are built of Pennsylvania blue marble, a locally quarried partially metamorphosed limestone. The column capitals of the Merchants' Exchange are carved in Carrarra marble imported from Italy as part of the original construction. This stone is subject to deterioration caused by air-borne pollutants (see Air Quality Project Statement).

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

A cooperative agreement should be negotiated with the Materials Conservation Laboratory of the University of Pennsylvania Historic Preservation Program. The staff and students in this specialized lab have the expertise to develop a materials testing program for the deteriorating stonework at the Merchants' Exchange. A stone conservation strategy is being developed this year for the building that will develop a testing methodology to identify stone consolidation treatments for consideration at the building. Other treatments that merit investigation by the Materials Conservation Lab include stone patching, dutchman repairs, repointing, and cleaning treatments. This cooperative agreement could also be used as a vehicle for developing masonry conservation strategies at other park buildings such as Independence Hall, the Bishop White House, Deshler-Morris House, and Old Swede's Church at Gloria Dei National Historical Site. This cooperative agreement would require \$10,000 in funding and .1 FTE to manage.

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BUDGET AND FTEs:

-----FUNDED-----			
Source	Act Type	Budget (\$1000s)	FTEs
Year 1:			
Year 2:			
Year 3:			
Year 4:			
Total:		0.00	0.0

-----UNFUNDED-----			
Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	RG-CR-MTN RES	10.00	0.1
Year 2:	RG-CR-MTN RES	10.00	0.1
Year 3:	RG-CR-MTN RES	10.00	0.1
Year 4:	RG-CR-MTN RES	10.00	0.1
Total:		40.00	0.4

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s): 106

EXPLANATION:

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PROJECT STATEMENT SHEET

INDE-C-013.003
PS Page: 0030

PROJECT NUMBER: INDE-C-013.003

TITLE: MAINTAIN HISTORIC STRUCTURES
SUBPROJECT TITLE: GUTTERS AND DRAINS

FUNDING STATUS: FUNDED: 16.00 UNFUNDED: 80.00

SERVICEWIDE ISSUES: C13 REHAB/RESTORAT

CULTURAL RESOURCE TYPE CODE: STRC

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

The roofs of park historic structures have built-in sheet metal gutters and external downspouts that conduct water to underground drains. Soldered joints in sheet metal gutters are subject to failure, allowing water to enter wooden cornices and interiors, causing failure of paint and plaster finishes. Gutters are also subject to blockage from leaves and other debris. Water overflowing blocked and filled gutters leads to deterioration of wooden shutters, cornices, window sash and frames, and bulkhead doors, as well as deterioration of brick walls and mortar joints.

If gutters are not kept clean, this debris can block downspouts and drains. Underground drains are also subject to collapse and breakage, leading to moisture entering foundations and cellar walls causing deterioration of historic building fabric. Copper downspout tubes are also subject to theft and vandalism from thieves who take them for their scrap metal value.

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

Funds will be requested each year from the Regional Cultural Cyclic program to execute contracts to repair and replace damaged and stolen downspouts, gutters, and underground drains. Specifications are prepared to repair deteriorated elements, and to replace deteriorated and missing elements in kind, matching the original materials, and those used in the restoration of park historic structures. Specifications will be written by Historic Architects. COTR will be provided by Buildings Foreman.

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BUDGET AND FTEs:

-----FUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-CR	MIT	4.00	0.1
Year 2:	PKBASE-CR	MIT	4.00	0.1
Year 3:	PKBASE-CR	MIT	4.00	0.1
Year 4:	PKBASE-CR	MIT	4.00	0.1
Total:			16.00	0.4

-----UNFUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	RG-CR-MTN	MIT	20.00	0.0
Year 2:	RG-CR-MTN	MIT	20.00	0.0
Year 3:	RG-CR-MTN	MIT	20.00	0.0
Year 4:	RG-CR-MTN	MIT	20.00	0.0
Total:			80.00	0.0

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s): 106

EXPLANATION:

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PROJECT STATEMENT SHEET

INDE-C-013.004
PS Page: 0032

PROJECT NUMBER: INDE-C-013.004

TITLE: MAINTAIN HISTORIC STRUCTURES
SUBPROJECT TITLE: PAINTING

FUNDING STATUS: FUNDED: 16.00 UNFUNDED: 100.00

SERVICEWIDE ISSUES: C13 REHAB/RESTORAT

CULTURAL RESOURCE TYPE CODE: STRC

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

The park manages some 40 historic structures which require their exterior trim to be painted on a regular cycle in order to keep their wood from rotting. The potential for wood trim to be exposed bare to the elements is increased by the urban environment of Philadelphia which has both air pollutants from industry and from motor vehicle traffic. Much of this paint is lead-based paint. Careful surface preparation techniques such as washing with tri-sodium phosphate, scraping, and sanding release quantities of lead into the immediate work area that are dangerous to park painting staff, and to visitors and other employees if uncontrolled.

Interior painted surfaces require painting on a regular cycle to maintain a satisfactory appearance and to properly preserve building material. It is desirable to extend the life of interior paint as long as possible to prevent significant architectural detail from being obscured by heavy paint layers.

The painted cast iron fences and gates at the First and Second Banks are significant cultural resources that require regular painting to prevent deterioration from rust and corrosion. The First Bank gates included gilded eagles and decorative elements that require periodic re-gilding.

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

Funds will be requested each year from the Regional Cultural Cyclic program to execute contracts to paint and regild exterior and interior surfaces. Specifications are written to prepare surfaces using appropriate techniques to protect workers and the

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public from lead-based paint, and to repaint deteriorated surfaces, matching the documented paint colors used in the restoration of park historic structures. Where paint analysis has not been performed, paint layers will be documented and matched to common color standards. Specifications will be written by Historic Architects. COTR will be provided by Buildings Foreman.

BUDGET AND FTEs:

-----FUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-CR	MIT	4.00	0.1
Year 2:	PKBASE-CR	MIT	4.00	0.1
Year 3:	PKBASE-CR	MIT	4.00	0.1
Year 4:	PKBASE-CR	MIT	4.00	0.1
Total:			16.00	0.4

-----UNFUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	RG-CR-MTN	MIT	25.00	0.0
Year 2:	RG-CR-MTN	MIT	25.00	0.0
Year 3:	RG-CR-MTN	MIT	25.00	0.0
Year 4:	RG-CR-MTN	MIT	25.00	0.0
Total:			100.00	0.0

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s): 106

EXPLANATION:

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PROJECT STATEMENT SHEET

INDE-C-013.005
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PROJECT NUMBER: INDE-C-013.005

TITLE: MAINTAIN HISTORIC STRUCTURES
SUBPROJECT TITLE: WOOD SHINGLE ROOFS

FUNDING STATUS: FUNDED: 16.00 UNFUNDED: 300.00

SERVICEWIDE ISSUES: C13 REHAB/RESTORAT

CULTURAL RESOURCE TYPE CODE: STRC

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

The majority of the park's 40 historic structures are roofed with cedar shingles. These roofing shingles have a 20-25 year useful life. When these roofs were installed as part of restoration projects in the 1960s and 1970s, they were not fire-retardant treated. Over the next 5 years the following roofs will require replacement, based on this life cycle:

Market Street Houses
Deshler-Morris House
Graff House
Kosciuszko House
City Tavern

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

Cultural Cylic funds will be requested over the next 5 years to replace these roofs. Wood shingles matching those specified in the most recent restoration/rehabilitation/reconstruction will be used, with the addition of fire retardant treatment. Specifications will be written by Park Historical Architects. COTR will be provided by Buildings Foreman.

BUDGET AND FTEs:

		-----FUNDED-----	
Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-CR MIT	4.00	0.1

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Year 2:	PKBASE-CR MIT	4.00	0.1
Year 3:	PKBASE-CR MIT	4.00	0.1
Year 4:	PKBASE-CR MIT	4.00	0.1
Total:		16.00	0.4

-----UNFUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	RG-CR-MTN MIT		75.00	0.0
Year 2:	RG-CR-MTN MIT		75.00	0.0
Year 3:	RG-CR-MTN MIT		75.00	0.0
Year 4:	RG-CR-MTN MIT		75.00	0.0
Total:			300.00	0.0

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s): 106

EXPLANATION:

Proposal Date: 94

PROJECT STATEMENT SHEET

INDE-C-014.000
PS Page: 0036

PROJECT NUMBER: INDE-C-014.000

TITLE: UTILITY IMPROVEMENT PROJECT

FUNDING STATUS: FUNDED: 9999.99 UNFUNDED: 29999.97

SERVICEWIDE ISSUES: C13 REHAB/RESTORAT

CULTURAL RESOURCE TYPE CODE: STRC

10-238 PACKAGE NUMBER: 412

PROBLEM STATEMENT:

The utility systems in park historic structures are at the end of their useful lives. Heating, ventilation, and air conditioning (HVAC) systems are subject to emergency breakdowns, and are not maintaining proper temperature and relative humidity levels in structures housing the park's museum collections. Electrical transformers and some fluorescent lighting fixtures are contaminated with poly-chlorinated biphenols (PCBs) that are subject to explosion in a fire, that could result in toxic contamination of historic structures. Structures contain asbestos-containing materials that will be disturbed during utility rehab, and must therefore be abated. Historic structures do not conform to today's life safety standards. Fire and security alarms are out of date and in some cases not functioning as designed.

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

The park has embarked on a 10-year construction program to replace utility systems throughout park buildings and grounds. This program will result in the removal of hazardous materials, and the installation of state-of-the-art utility systems. HVAC systems will be designed to eliminate ozone-depleting refrigerants, and to maintain appropriate museum environments where required. Electrical service will be upgraded. Lighting, fire, and security alarms will be brought up to current standards.

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INDE-C-014.000
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BUDGET AND FTEs:

-----FUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	CONSTRUCT	MIT	9999.99	0.0
Year 2:				
Year 3:				
Year 4:				
Total:			9999.99	0.0

-----UNFUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:				
Year 2:	CONSTRUCT	MIT	9999.99	0.0
Year 3:	CONSTRUCT	MIT	9999.99	0.0
Year 4:	CONSTRUCT	MIT	9999.99	0.0
Total:			29999.97	0.0

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s): EA 106

EXPLANATION:

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PROJECT STATEMENT SHEET

INDE-C-015.000
PS Page: 0038

PROJECT NUMBER: INDE-C-015.000

TITLE: HISTORIC STRUCTURES QUARTERS REHAB

FUNDING STATUS: FUNDED: 4.00 UNFUNDED: 0.00

SERVICEWIDE ISSUES: C13 REHAB/RESTORAT

CULTURAL RESOURCE TYPE CODE: STRC

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

Two historic structures in the park have been identified as potential quarters for employees. The Bringhurst House has been proposed to be rehabilitated as four dwelling units. The upper floors of the Kosciuszko House have been proposed to be rehabilitated as one dwelling unit. Historic Structures Reports are required to document these structures and to evaluate the impact on the historic fabric and historic character of the structures from such treatments.

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

A Historic Structures Report must be prepared for the Bringhurst House to evaluate its conversion into four dwelling units. A Historic Structures Report must be prepared for the rehabilitation of the upper floor of the Kosciuszko House into a dwelling unit. Preliminary data on these structures will be collected by park historical architects. The reports will be prepared under contract by professional historical architects. These studies may recommend that quarters are not an appropriate use where museum collections and public use interpretive programs are involved, or for the long-term preservation of the structure.

BUDGET AND FTEs:

-----FUNDED-----			
Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-CR RES	4.00	0.1
Year 2:			

Proposal Date: 94

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Year 3:

Year 4:

		=====	
Total:		4.00	0.1

-----UNFUNDED-----			
Source	Act Type	Budget (\$1000s)	FTEs

Year 1:

Year 2:	REG-OTHER MIT	0.00	0.0
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Year 3:

Year 4:

		=====	
Total:		0.00	0.0

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s): 106

EXPLANATION:

Proposal Date: 94

PROJECT STATEMENT SHEET

INDE-C-016.000
PS Page: 0040

PROJECT NUMBER: INDE-C-016.000

TITLE: CONGRESS HALL REFURNISHING

FUNDING STATUS: FUNDED: 0.00 UNFUNDED: 216.00

SERVICEWIDE ISSUES: C05 NEED HSRS C13 REHAB/RESTORAT

CULTURAL RESOURCE TYPE CODE: STRC

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

The current seating plan in the House of Representatives Chamber in Congress Hall was developed in 196?. Subsequent study of a drawing made by Congressman Philip van Cortland in 179? while a member of Congress indicates that the current seating configuration is not wholly accurate.

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

Staff studies are underway to determine the feasibility of changing the seating plan, which would include modifications to the riser platform as well as the reproduction desks in the chamber. Formal architectural studies are required to support such a change, which must be documented in a Historic Structures Report. This report would be prepared by a consultant historical architect under contract. Staff support involves current studies, and will also include management of future professional services contracts. Implementation of the new seating plan will be coordinated with the utilities rehab of Congress Hall to be under construction in 1995 as part of the Utilities Improvement Project.

BUDGET AND FTEs:

-----FUNDED-----			
Source	Act	Type	Budget (\$1000s)

Year 1:

Proposal Date: 94

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Year 2:

Year 3:

Year 4:

	=====		
Total:	0.00	0.0	

-----UNFUNDED-----

	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	\$-DONATE	RES	12.50	0.0
Year 2:	\$-DONATE	MIT	203.50	0.0

Year 3:

Year 4:

	=====		
Total:	216.00	0.0	

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s): 106

EXPLANATION:

Proposal Date: 94

PROJECT STATEMENT SHEET

INDE-C-017.000
PS Page: 0042

PROJECT NUMBER: INDE-C-017.000

TITLE: DEVELOP SPECIAL PERMIT TRACKING PROGRAM

FUNDING STATUS: FUNDED: 0.00 UNFUNDED: 5.00

SERVICEWIDE ISSUES: C18 CTRL VIS IMPAC N22 VIS USE-DEV ZN

CULTURAL RESOURCE TYPE CODE: COMB

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

The park processes an average of 900 special event permit applications each year. The types of events include: First Amendment assemblies and distribution of literature, tours of the park for VIP's, visits by foreign officials, major still and motion picture filmings, wreath-laying ceremonies at the Liberty Bell, civic celebrations, non-profit group events, presidential visits, wedding photographs, and press conferences.

The park tries to minimize the impact on our resources and our visitors, and to balance the demand for use of our buildings through a rigorous screening process. The lack of comprehensive data about the planning and outcome of these events makes this decision-making process more difficult and time consuming.

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

Develop a Special Events computer program to track the processing of a permit application, to maintain statistics about permit type, location, impact, costs and approval, and to generate statistical reports. Park staff with appropriate skills would do this project as time can be made available from other tasks.

BUDGET AND FTES:

-----FUNDED-----				
Source	Act	Type	Budget (\$1000s)	FTES

Year 1:

Year 2:

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Year 3:

Year 4:

	=====	
Total:	0.00	0.0

-----UNFUNDED-----

	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-OT	MON	5.00	0.2

Year 2:

Year 3:

Year 4:

	=====	
Total:	5.00	0.2

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s): OTHER

EXPLANATION: NO COMPLIANCE IS REQUIRED

Proposal Date: 94

PROJECT STATEMENT SHEET

INDE-C-018.000
PS Page: 0044

PROJECT NUMBER: INDE-C-018.000

TITLE: PROTECTION OF THE LIBERTY BELL

FUNDING STATUS: FUNDED: 9.00 UNFUNDED: 50.00

SERVICEWIDE ISSUES: C18 CTRL VIS IMPAC C20 INADEQ SECURIT

CULTURAL RESOURCE TYPE CODE: OBJC

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

When the Liberty Bell was moved into its new glass pavilion on January 1, 1976, it was placed in an environment which made it physically accessible to the public. At first the Liberty Bell was simply suspended by two supports. A few years later, four stanchions with ropes put a barrier between visitors and the bell, but it was still only an arm's length from visitors.

By the mid-1980s, commercial tour leaders began encouraging members of their groups to touch the Liberty Bell "for good luck". This entreaty was adopted by some NPS interpreters as well.

There are benefits to allowing visitors to touch the Liberty Bell in specific instances under supervision of park staff, such as blind and visually impaired visitors, and in symbolic bell-ringing ceremonies. In such instances, touching the bell remains a powerful symbol and connection to American history. While the Liberty Bell is intended to be an accessible symbol, it is clear that by encouraging visitors to touch the bell, the surface of the bell is becoming damaged and worn.

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

Park staff has been trained in resource management and no longer invites the public to touch the Liberty Bell. Interpreters have also begun a continuing process to educate commercial tour leaders that invitations to touch the bell are damaging.

The next step is to create a new setting for the bell that discourages touching. Park staff have begun discussions to establish design criteria that will achieve the purpose of

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discouraging touching while minimizing visual intrusion into the visitor experience of the bell. These design criteria will be used as the basis for design studies, and implementation of a new setting for the bell, to be funded with regional cyclic funds.

BUDGET AND FTEs:

-----FUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-OT	RES	2.50	0.1
	PKBASE-CR	RES	4.00	0.1
		Subtotal:	6.50	0.2
Year 2:	PKBASE-OT	MON	2.50	0.1
Year 3:				
Year 4:				
		Total:	9.00	0.3
-----UNFUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-OT	RES	10.00	0.0
Year 2:	REP-REHAB	PRO	40.00	0.0
Year 3:				
Year 4:				
		Total:	50.00	0.0

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s): OTHER

EXPLANATION: NO COMPLIANCE IS NEEDED

Proposal Date: 94

PROJECT STATEMENT SHEET

INDE-C-019.000
PS Page: 0046

PROJECT NUMBER: INDE-C-019.000

TITLE: REHABILITATE WALKS AND WALLS

FUNDING STATUS: FUNDED: 0.00 UNFUNDED: 28000.00

SERVICEWIDE ISSUES: C13 REHAB/RESTORAT C11 CULT LAND REPT

CULTURAL RESOURCE TYPE CODE: CULL

10-238 PACKAGE NUMBER: 168

PROBLEM STATEMENT:

The majority of the park's walks and boundary walls were constructed or renovated between 1950 and 1976. The present walking surfaces include flagstone, brick, granite, marble, cobblestone, concrete and gravel, and are in varying stages of repair. Deterioration is due to improper underlayment and inability to support the weight of maintenance vehicles. Walls are in need of repair and repointing. Historic walks and walls include:

- Independence Square Walkway
- Independence Square Perimeter Wall
- Independence Hall Paving
- Second Bank Wall
- Bishop White Yard Wall
- City Tavern Curb Stone and Paving
- Streets and Courts

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

Replace or repair deteriorated walking surfaces. Repoint and repair boundary walls.

BUDGET AND FTEs:

-----FUNDED-----			
Source	Act	Type	Budget (\$1000s) FTEs

Year 1:

Year 2:

Proposal Date: 94

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Year 3:

Year 4:

Total:	0.00	0.0
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-----UNFUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	CONSTRUCT	MIT	7000.00	0.0
Year 2:	CONSTRUCT	MIT	7000.00	0.0
Year 3:	CONSTRUCT	MIT	7000.00	0.0
Year 4:	CONSTRUCT	MIT	7000.00	0.0
Total:			28000.00	0.0

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s): 106

EXPLANATION:

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PROJECT STATEMENT SHEET

INDE-C-020.000
PS Page: 0048

PROJECT NUMBER: INDE-C-020.000

TITLE: REPLACE BISHOP WHITE HOUSE WALLPAPER

FUNDING STATUS: FUNDED: 0.00 UNFUNDED: 25.00

SERVICEWIDE ISSUES: C13 REHAB/RESTORAT C18 CTRL VIS IMPAC

CULTURAL RESOURCE TYPE CODE: N/A

10-238 PACKAGE NUMBER: strc

PROBLEM STATEMENT:

The paper currently shown on the Bishop White House entry and stairway walls is approximately twenty-five years old. Due to its exposure to poorly filtered air and to direct visitor contact, this paper is dirty and brittle. Some of the paper is peeling away from the plaster walls. Attempts to clean and repair this paper have failed to produce an acceptable, exhibitable result.

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

The present reproduction paper will be removed from the entry and stairway walls. The plaster walls will be cleaned and patched before the new reproduction paper is installed. The new paper will be a recreation of the present reproduction paper which is based on a late-18th century historic survival found in a Philadelphia home. The new reproduction paper will be installed in the same manner as the present reproduction paper.

We have no special funds for this item. Patching of present reproduction paper has been done with the small amount of paper left over from the initial installation in the late 1960s.

BUDGET AND FTEs:

-----FUNDED-----
Source Act Type Budget (\$1000s) FTEs

Year 1:

Year 2:

Proposal Date: 94

PROJECT STATEMENT SHEET

INDE-C-020.000
PS Page: 0049

Year 3:

Year 4:

Total:	0.00	0.0
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-----UNFUNDED-----

	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	RG-CR-MTN	MIT	25.00	0.0

Year 2:

Year 3:

Year 4:

Total:	25.00	0.0
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(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s): 106

EXPLANATION: XXX FORM

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INTEGRATED RESOURCE PROJECT STATEMENTS

PROJECT STATEMENT SHEET

INDE-I-001.000
PS Page: 0001

PROJECT NUMBER: INDE-I-001.000

TITLE: GEOGRAPHICAL INFORMATION SYSTEM

FUNDING STATUS: FUNDED: 140.00 UNFUNDED: 140.00

SERVICEWIDE ISSUES: C01 INADEQUATE DOC N08 CULT LANDSCAPE

CULTURAL RESOURCE TYPE CODE: COMB

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

Independence National Historical Park covers 44.85 acres spread over 20 blocks of center city Philadelphia, with outlying areas in Germantown, North Philadelphia, Society Hill, and South Philadelphia. Over 40 buildings and 40 (?) grounds areas are located on these 20 blocks. The park manages physical resources and documentation for these buildings and grounds areas. Documentation includes historic resource studies (HSR's, Historic Grounds Reports), photographs, construction drawings and specifications, archeological records, and maintenance records for these assets. This information is stored in a variety of park files, including the park archives (located in the library on the 3rd floor of the 1st Bank), maintenance files located in the Chief of Maintenance's office and maintenance facility, and in park central files. A comprehensive view of this information is only available to staff specialists, and never all in one place.

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

A geographical information system would organize this data and make it retrievable to park managers and staff. This approach would map historic and non-historic physical assets and link existing databases (MMS, ICAP, inspection reports, archeological records) to an automated mapping program in order to record major activities and to assess the effects of actions on park resources. The Utility Improvement Project offers an opportunity to begin this process. Existing condition drawings of buildings and grounds are being developed in AutoCAD Release 12 as the preliminary steps in designing replacement utility systems. These electronic drawing files can provide the basis for a parkwide GIS system. A part time GIS co-ordinator is required to manage this process. This duty can be a collateral assignment for a historical architect in the Historical Architecture Branch, Cultural Resources Management Division. The AutoCAD program can be run on hardware that currently exists in the Historic Architecture Branch, CRM, and in the Maintenance Division. The

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coordination and input of data must be shared by all the Branches of the Cultural Resources Management Division and the Maintenance Division. As the system develops, a dedicated computer work station should be established to maintain this system. For the present, data can be maintained in both offices, with import and export capability provided by cc:mail, the National Park Service electronic mail program, using the "attach DOS file" utility.

BUDGET AND FTEs:

-----FUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-CR	RES	35.00	0.5
Year 2:	PKBASE-CR	RES	35.00	0.5
Year 3:	PKBASE-CR	RES	35.00	0.5
Year 4:	PKBASE-CR	RES	35.00	0.5
Total:			140.00	2.0

-----UNFUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-NR	RES	35.00	0.5
Year 2:	PKBASE-NR	RES	35.00	0.5
Year 3:	PKBASE-NR	RES	35.00	0.5
Year 4:	PKBASE-NR	RES	35.00	0.5
Total:			140.00	2.0

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s): EXCL

EXPLANATION: NO COMPLIANCE IS REQUIRED

Proposal Date: 94

PROJECT STATEMENT SHEET

INDE-I-002.000
PS Page: 0003

PROJECT NUMBER: INDE-I-002.000

TITLE: ICAP IMPLEMENTATION

FUNDING STATUS: FUNDED: 20.00 UNFUNDED: 0.00

SERVICEWIDE ISSUES: C06 NEED HSPGS C13 REHAB/RESTORAT

CULTURAL RESOURCE TYPE CODE: STRC

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

The Cultural Resources Management Guideline (NPS-28) requires that all after ultimate treatments are implemented for historic structures, that Historic Structures Preservation Guides be written to guide preservation maintenance activities. Although most of the park's historic structures have been restored to their historic appearance, or adapted to contemporary uses, no HSPG's exist. A related issue is the inability of the NPS Maintenance Management program to identify individual maintenance tasks in Annual Work Plans.

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

Implementing the Inventory and Condition Assessment Program, version 2.0 will address both of these problems. The program is written as a front-end module to assist with maintenance planning and organizing, and has the capability to document preservation maintenance procedures for historic structures. The park will also be able to build on this program as utility systems are replaced in park buildings and grounds as part of the Utility Improvement Program. As-built documentation, and maintenance and operation manuals will be provided in ICAP 2.0 format. Over the next year, the Historic Architecture Branch, CRM and the Maintenance Division will work together to define maintenance goals for the park's buildings and grounds, and will determine how to proceed with feature inventories. Based on these decisions, a consultant contract will be developed to collect and input the required data to start running the program to support the FY 96 Maintenance Management Annual Work Plan. During the period that ICAP 2.0 is being implemented in the park, the historical architects will continue to perform annual building inspections maintained in a dBase III+ format.

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INDE-I-002.000
PS Page: 0004

BUDGET AND FTEs:

-----FUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	\$-DONATE	RES	5.00	0.0
Year 2:	\$-DONATE	RES	5.00	0.0
Year 3:	\$-DONATE	RES	5.00	0.0
Year 4:	\$-DONATE	RES	5.00	0.0
Total:			20.00	0.0

-----UNFUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:				
Year 2:				
Year 3:				
Year 4:				
Total:			0.00	0.0

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s): OTHER

EXPLANATION: COMPLIANCE IS NOT REQUIRED

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PROJECT STATEMENT SHEET

INDE-I-003.000
PS Page: 0005

PROJECT NUMBER: INDE-I-003.000

TITLE: CULTURAL LANDSCAPE PRESERVATION

FUNDING STATUS: FUNDED: 16.00 UNFUNDED: 75.00

SERVICEWIDE ISSUES: C11 CULT LAND REPT N08 CULT LANDSCAPE

CULTURAL RESOURCE TYPE CODE: CULL

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

The Cultural Resources Management Guideline (NPS-28) identifies the need for each park to define whether significant cultural landscapes exist within its boundaries, and to develop appropriate programs to manage these cultural landscapes. The Mid-Atlantic Regional Office is in the preliminary stages of a Cultural Landscape Inventory for the park. Several areas need to be identified as significant cultural landscapes worthy of preservation. These areas include:

- Independence Square
- Second Bank Grounds
- First Bank Grounds
- Todd House Grounds
- Bishop White Grounds
- McIlvane House Grounds
- Kidd & Fling Houses Grounds
- Franklin Court
- Carpenters' Court
- Gloria Dei
- Deshler-Morris House Grounds
- Edgar Allan Poe House Grounds
- Harmony, Orianna, Moravian, and Library Streets

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

Cultural Landscape Reports must be performed on these areas. Reports must conform to the professional standards of NPS-28, and should assess the significance of the cultural landscape, describe the components of the landscape, document physical changes to the landscape, and propose an appropriate ultimate treatment for the landscape. These studies are needed to establish a baseline of data, documenting the condition and significance of the landscapes; to influence and record management decisions on treatment of these landscapes, and to be able to

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assess effects of future management decisions on these landscapes. The Cultural Landscape Inventory now underway will identify priorities for these studies. These studies should be performed by contract professionals under the direction of the park, with the guidance of the Historical Landscape Architect in the regional office. The first of these studies, for Independence Mall, is now underway. Park Historians are assisting the Regional Historical Landscape Architect in this study. The CRM Division will manage professional service contracts for future studies.

BUDGET AND FTEs:

-----FUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-CR	RES	4.00	0.1
Year 2:	PKBASE-CR	RES	4.00	0.1
Year 3:	PKBASE-CR	RES	4.00	0.1
Year 4:	PKBASE-CR	RES	4.00	0.1
Total:			16.00	0.4

-----UNFUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:				
Year 2:	REG-OTHER	RES	25.00	0.1
Year 3:	REG-OTHER	RES	25.00	0.1
Year 4:	REG-OTHER	RES	25.00	0.1
Total:			75.00	0.3

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s): 106

EXPLANATION: COMPLIANCE IS NOT REQUIRED

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PROJECT STATEMENT SHEET

INDE-I-003.001
PS Page: 0007

PROJECT NUMBER: INDE-I-003.001

TITLE: CULTURAL LANDSCAPE PRESERVATION
SUBPROJECT TITLE: RESTORE WISTAR STREET

FUNDING STATUS: FUNDED: 16.00 UNFUNDED: 100.00

SERVICEWIDE ISSUES: C11 CULT LAND REPT C13 REHAB/RESTORAT

CULTURAL RESOURCE TYPE CODE: CULL

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

Wistar Street is one of the primary elements of the historic scene around the Poe House. It will be investigated thoroughly and consideration given to restoring its appearance during the period of Poe's residency. It will be evaluated for conformance with cultural landscape restoration policies articulated in NPS Management Policies. It is important that the outdoor scene be as complete as possible to support the interpretive program and our credibility with visitors, since the interior of the house remains unfurnished due to insufficient documentation on how Poe lived in the house.

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

The priority of this restoration will be determined in the current cultural landscape inventory. That study will also determine the costs for more detailed investigations. Such investigations (including historical documents and archeology) will help determine the location and surface of the street. At that point, cost estimates and budget requests can be made for the project. The CRM branch will carry out the preliminary historical research and will manage professional service contracts for design phases. Construction will be funded through the construction program.

BUDGET AND FTEs:

-----FUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	PKBASE-CR	RES	4.00	0.1
Year 2:	PKBASE-CR	RES	4.00	0.1

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Year 3:	PKBASE-CR RES	4.00	0.1
Year 4:	PKBASE-CR RES	4.00	0.1
Total:		16.00	0.4

-----UNFUNDED-----			
Source	Act Type	Budget (\$1000s)	FTEs
Year 1:			
Year 2:	CONSTRUCT RES	25.00	0.0
Year 3:	CONSTRUCT MIT	75.00	0.0
Year 4:			
Total:		100.00	0.0

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s): 106

EXPLANATION:

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PROJECT STATEMENT SHEET

INDE-I-004.000

PS Page: 0009

PROJECT NUMBER: INDE-I-004.000

TITLE: LANDSCAPE/PARKWIDE DESIGN CRITERIA

FUNDING STATUS: FUNDED: 0.00 UNFUNDED: 50.00

SERVICEWIDE ISSUES: C11 CULT LAND REPT N08 CULT LANDSCAPE

CULTURAL RESOURCE TYPE CODE: CULL

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

As the park grounds were developed from 1950-1976, an effort was made to establish a dignified setting in which to contemplate the themes of the park. While no effort was made to accurately reconstruct the 18th century cityscape, certain elements of 18th century Philadelphia were studied and used as models for paving, lighting, benches, signage, watchboxes, and plantings. While some of these elements were documented in historic resource studies, the application of these design models to specific park areas in design documents was not recorded. It is left to current staff to interpret the old historic resource studies in making decisions regarding maintenance of the park grounds. These documents are inadequate to answer the questions posed by park management in meeting current maintenance needs.

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

A parkwide landscape study should be performed to establish design criteria for paving, lighting, benches, signage, watchboxes and plantings. This study is separate and apart from cultural landscape reports proposed is a separate project statement. This study covers landscape areas that are not cultural landscapes, but those that form today's setting for the park. This study should build on earlier historic resource studies, and should establish design criteria and propose schematic designs for generic landscape elements. These schematic designs can then form the basis for maintaining current landscape features as well as new elements to be added or modified in the park (such as those proposed in the draft Interpretive Prospectus).

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BUDGET AND FTEs:

-----FUNDED-----			
Source	Act Type	Budget (\$1000s)	FTEs
Year 1:			
Year 2:			
Year 3:			
Year 4:			
Total:		0.00	0.0

-----UNFUNDED-----			
Source	Act Type	Budget (\$1000s)	FTEs
Year 1:			
Year 2:	REG-OTHER RES	50.00	0.1
Year 3:			
Year 4:			
Total:		50.00	0.1

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s): 106

EXPLANATION:

Proposal Date: 94

PROJECT STATEMENT SHEET

INDE-I-005.000
PS Page: 0011

PROJECT NUMBER: INDE-I-005.000

TITLE: AIR QUALITY

FUNDING STATUS: FUNDED: 0.00 UNFUNDED: 86.00

SERVICEWIDE ISSUES: C17 CTRL ENV IMPAC N14 AIR POLLUTION

CULTURAL RESOURCE TYPE CODE: STRC

10-238 PACKAGE NUMBER:

PROBLEM STATEMENT:

Three park historic structures (First Bank, Second Bank, Merchants' Exchange) are built of Pennsylvania marble, a partially metamorphosed limestone that is vulnerable to acidic attack. Acidic deposition in the form of acid rain, as well as particulates from adjacent vehicular exhaust, is causing deterioration of these marble surfaces, which is destructive of the significant architectural and historic qualities of these buildings.

DESCRIPTION OF RECOMMENDED PROJECT OR ACTIVITY:

Monitoring is underway, supported by the staff of the WASO Acid Rain program. Factors being monitored include air temperature, relative humidity, surface moisture, surface temperature, air samples, and surface deposition samples. The data is analyzed by the University of Illinois State Water Survey. Assistance is provided by park staff by managing the on-site monitoring equipment. Additional factors should be monitored, including monitoring carbon and other particles that result in marble soiling on the west, southeast, and northeast facades. A third monitoring station should be added to the west facade with duplicate sensors for error control and calibration.

BUDGET AND FTEs:

-----FUNDED-----			
Source	Act Type	Budget (\$1000s)	FTEs

Year 1:

Year 2:

Proposal Date: 94

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Year 3:

Year 4:

Total:	=====	0.00	0.0
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-----UNFUNDED-----				
	Source	Act Type	Budget (\$1000s)	FTEs
Year 1:	RG-CR-MTN	MON	35.00	0.0
Year 2:	PKBASE-CR	MON	17.00	0.0
Year 3:	PKBASE-CR	MON	17.00	0.0
Year 4:	PKBASE-CR	MON	17.00	0.0
Total:			=====	86.00
				0.0

(OPTIONAL) ALTERNATIVE ACTIONS/SOLUTIONS AND IMPACTS: N/A

COMPLIANCE CODE(s): OTHER

EXPLANATION: NO COMPLIANCE IS REQUIRED

Proposal Date: 94

APPENDICES

APPENDIX A
GENERAL DESCRIPTION OF MAINTENANCE CATEGORIES

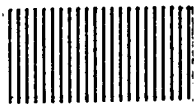
CATEGORY A	CATEGORY B	CATEGORY C	CATEGORY D
Highest quality, appropriate for entry ways, formal gardens, and areas of heavy passive use as well as formal playing fields.	Appropriate for areas of moderate to heavy use including general purpose athletic fields. Design should avoid formal elements.	Appropriate for areas of low use and informal design, remote from buildings.	Natural woodlands, field and meadows.
Plants well cared for and well groomed at all times.	Plants well cared for but not always groomed.	Basic plant health maintained.	Little or no maintenance required other than annual mowing of meadow areas.
Shrub beds appropriate.	Bedding of trees and shrubs appropriate.	Beds not appropriate, although informal groupings of low maintenance shrubs are.	
Annual and perennial bedding plants appropriate.	Low maintenance perennials are appropriate but annual bedding plants are not.	Flower beds not appropriate, however naturalized plantings of flowering bulbs or other herbaceous plants could be used.	
Specially trained plants such as formal hedges, espalier, topiary and pleaching may be included.	Specially trained plants should be limited to sheared hedges.	Specially trained plants not appropriate.	
Groundcovers appropriate where they will achieve desired design effects.	Groundcovers should be specially chosen for low maintenance requirements.	Only very low maintenance groundcovers should be used.	

APPENDIX B
INDEPENDENCE NATIONAL HISTORICAL PARK
LANDSCAPE MAINTENANCE CATEGORIES



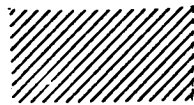
Category A

Bell Pavilion, central area
Independence Square
Franklin Court
Visitors' Center



Category B

Second Bank Block
First Bank Block
Bell Pavilion Terraces
Second Block of Independence Mall
Graff House
Rose Garden
Magnolia Garden
City Tavern
Christ Church
Deshler Morris House
St. Joseph's Church
Poe House
Sansom Street Pedestrian Mall
Bishop White House



Category C

St. George's Church
Third Block of Independence Mall
Gloria Dei

APPENDIX C
TURF MAINTENANCE STANDARDS
INDEPENDENCE NATIONAL HISTORICAL PARK
1980

	CATEGORY A	CATEGORY B	CATEGORY C
Species Composition	Blend of 2 or more improved turf type fescues or blend of 2 or more improved ryegrasses, or blend of 4 or 5 varieties of Kentucky bluegrass.	Kentucky bluegrass or turf type ryegrass or fescue.	Mixture of native and introduced grasses.
Grass Height	No less than 2 1/2" or greater than 3 1/2".	No less than 2 1/2" or greater than 4".	No less than 3" or greater than 6".
Appearance	Dark green and growing from mid-March through November.	Green and growing from April to November.	Sufficient cover to prevent soil erosion.
Weeds	95% free of weeds. No individual weed patches to exceed 6" diameter.	80% free of weeds. No individual weed patches to exceed 12" diameter.	Free of noxious weeds.
Bare Spots	Not to exceed 5% of total area. No individual bare spot to exceed 6" diameter.	Not to exceed 20% of total area. No individual bare spot to exceed 12" diameter.	No spots over 10 ft. ² to remain over the winter.
Edges	Grass blades not to extend more than 3 1/2" from the edge of the root mat. Root mat not to extend more than 1 1/2" over the paving or other established edge line.	Grass blades not to extend more than 4" from the edge of the root mat. Root mat not to extend more than 2 1/2" over the paving or other established edge line.	Formal edges are not appropriate.
Fallen Leaves	Fallen leaves must not be allowed to obscure more than 50% of the turf area for more than one week. All fallen leaves to be removed prior to winter.	Fallen leaves must not be allowed to obscure more than 75% of the turf area for more than 10 days. All fallen leaves to be removed prior to winter.	Fallen leaves to be removed where they pose a threat to underlying vegetation.

APPENDIX D
SHADE TREE MAINTENANCE STANDARDS
INDEPENDENCE NATIONAL HISTORICAL PARK
1980

	CATEGORY A	CATEGORY B	CATEGORY C
Trunk and Limbs*	Trees should be well-groomed.	Trees should be free of obvious defects.	Trees should be free of hazards and defects noticeable at a distance of 100' or more.
Deadwood*	None larger than 1/2" diameter.	None larger than 1 1/2" diameter.	None larger than 3" diameter.
Suckers and Water Sprouts*	None	None longer than 1'.	None longer than 3'.
Crossing Limbs*	None	None	None
V-Crotches*	Eliminated or strengthened with cables or braces.	Eliminated or strengthened with cables or braces.	Eliminated or strengthened with cables or braces if located near buildings or pedestrian passages.
Dead Trees	None	None	None remaining longer than 2 months.
Broken Branches or Stubs*	None	None larger than 2" diameter.	None larger than 3 1/2" diameter.
Clearance*	No branches below 10' height over pedestrian routes or 18' over roadways. Branches not to extend to within 6' of utility lines or building facades.	Same as A.	Same as A.
Root Zone	Mulch and other appropriate measures should be employed to reduce soil compaction.	Same as A.	Same as A.
Insect/Disease	Tree to remain of specimen quality. No pest problems which interfere with normal growth or appearance to be tolerated.	Plant should remain functional in the landscape and look green and moderately full.	Plant should remain functional in the landscape and be reasonably attractive from a distance of 100' or more.

APPENDIX D (continued)
 SHADE TREE MAINTENANCE STANDARDS
 INDEPENDENCE NATIONAL HISTORICAL PARK
 1980

	CATEGORY A	CATEGORY B	CATEGORY C
Foliage			
General Appearance	Healthy in appearance during the entire growing season.	Foliage should be generally green and healthy.	Same as B.
Color	Foliage color should be normal dark green.	Foliage color should be normal dark green.	Foliage color should be green with no obvious deficiency symptoms.
Insect/Disease	Foliage should be at least 90% free of insect or disease damage.	Foliage should be at least 80% free of insect or disease damage.	Life threatening levels of damage should be prevented.
Flowers	Maximum floral display every year.	Annual floral display.	Flowering desirable.

* Trees should be inspected before spring growth to determine how they meet these appearance criteria.

APPENDIX E
CULTURAL RESOURCES BIBLIOGRAPHY (CRBIB)

The Cultural Resources Bibliography for Independence National Historical Park and its associated parks includes over 400 listings and runs over 30 pages in length. In the interests of keeping this RMP to a manageable length, it is not reproduced here. Copies will be made available on request.

APPENDIX F

HISTORY RESEARCH NEEDS

The following studies will focus on the park resources, structural and thematic. They will summarize a wealth of published material, but will emphasize primary sources to strengthen the context of the historic setting, and will provide a guide to further research. The studies will also highlight individuals featured in the park's portrait gallery. The numbers do not suggest priorities for completion.

1. United States Supreme Court, 1790-1800

With the Documentary History of the Supreme Court and numerous secondary sources as a guide, this study will summarize the role of the Court and its judges during the first decade. A clear description of the jurisdiction, the time of sessions, the protocol, and the additional responsibilities of the judges (circuit court, district court, family, home, private matters), will reflect how complex and difficult it was to serve in that decade. This study will also provide specifics about the weather (those courtrooms may have seen some hot or cold extremes), and list the trials heard during the decade. A summary of all the uses of the Mayor's courtroom where the Supreme Court met, will make up an appendix. Through a study of the justices' lives, their residence in Philadelphia (if known), and their background influences will provide context in which these men made the decisions of the high court.

2. United States Congress, 1790-1800

This study will complement John Platt's "An Institutional Study The United States House of Representatives, 1790-1800, Congress Hall," and more recent published works on the subject to focus on the role of pivotal committees and leaders in Congress during the decade. This study will collect as many witness accounts as possible under one cover, making it a key reference tool. The research will canvass historical archives for new collections related to the 400-odd members of Congress. This report will also provide a compendium of major legislation during the decade, so that for each year the significant bills can be given recognition on their anniversary.

3. Philadelphia Seat of Government, 1775-1800

This study will focus on Independence Square where political action centered for most of the last quarter of the century. The report will treat the evolution of government facilities and capabilities, political demonstrations in and about the Square, as well as the interrelationships between the federal, state and local bureaucracies. The concept of one multi-level government center did not survive into modern times, but its existence in Philadelphia in the late 18th century played a strategic role in the formation of a nation. The concentration of talent and energy left a legacy and provided a solid foundation for a burgeoning

federal bureaucracy.

4. First and Second Banks of the United States

This study will provide an overview of both banks, showing the continuity of thought about federally -controlled financial institutions in the young nation. The study will provide a clear explanation of the political battles over the banks, document the legislative history and operation, and summarize their structural and use history to the present.

5. Eighteenth Century Germantown

Supplementing recent published sources and Toogood's Deshler-Morris House report, this research will focus on Germantown and the Market Square neighborhood where the Deshler-Morris House stands. The report will develop context for the historic events during the American Revolution when General Howe and his officers selected Germantown as their headquarters, and during the capital city decade, when President Washington and his cabinet, as well as the principal Pennsylvania legislators, sought refuge from yellow fever and other summer illnesses, in this healthful community. The Philadelphia and Germantown communities until World War II were intimately intertwined. This interrelationship paved the way for the Deshler-Morris House's inclusion as part of Independence National Historical Park.

6. Franklin Court Print Shop

John D.R. Platt's "The Home and Office of Benjamin Franklin Bache," covers the story of Franklin and his grandson in the printing trade. This study will summarize the history of printing in 18th century Philadelphia to give perspective and context to the capital city decade when disparate editors, such as Benjamin Franklin Bache, filled the press with strident political issues. This study will also locate B. Franklin's several print shops in the city.

7. Life in Late 18th Century Philadelphia

Some of the misconceptions about life in Philadelphia during the 18th century will be put to rest by this study. It will summarize the available information on Philadelphia's water and sewer systems, on the progress of street paving, trash collection, on public executions, public amusements, public philanthropy and demography. The report will highlight the population's multiplicity of heritage, including the available information on African-Americans and native Americans who lived within or visited the city during the last quarter of the century. This study will strengthen the park's ability to interpret the everyday lives of all residents and provide a counterbalance to the exceptionalist approach that earlier histories took.

8. Uses of Independence Square in the 19th and 20th century

This study will summarize the available information on the use of the Square and its buildings during the 19th and 20th centuries. It will include the construction and demolition of buildings, and the addition of monuments, plaques and other structures on the square.

9. Mapping the Historic Resources, 1790-1800

This mapping project will produce by computer a series of three or more maps documenting the historic setting in the park area during the capital city decade, 1790-1800. The study will include federal government offices, federal employee residences, especially at the cabinet level, principal state and local government buildings, major cultural features, such as theaters, museums, schools, churches and universities, medical schools and offices, and homes of key people in the history of the city during the capital city decade. The maps will target key years, such as 1793, the year the United States faced a crisis over the war in Europe and Philadelphia suffered the worst yellow fever epidemic ever known to strike the eastern seaboard. This series of maps will document Philadelphia's rapid growth and change as well as the sites associated with critical events during its brief service as the nation's capital.