Project Name: South Entry - Madrona Terrace

Project Description: Renovate existing historic rockery above Lake Washington Boulevard at south entry. Showcase plants for warm sunny locations. Create eco-geographic exhibits adjacent to rockery area (So. Oregon / No. California, Cool Mediterranean, Chile, So. African / Australian / Tasmanian, New Zealand, China). Build new education shelter, new 30-car parking lot, and demonstrations/exhibits which will compare plants in our native environment to similar forest communities of the world. Include interpretive and wayfinding signs, and irrigation for exhibits.

Supports WPA Mission: Conservation yes Education yes Recreation yes

Assumed Responsibility for Implementation:
Seattle Parks Dept.: Infrastructure, roads, parking and building
Univ. of Wash.: Collections and exhibits, signing and interpretation
Arboretum Fndn.: Fundraising
Other: NA

Est. Total Project Cost: $4,080,000 in 2003 dollars

Assumed Responsibility for M&O:
Seattle Parks Dept.: Building, trails and parking
Univ. of Wash.: Gardens, exhibits and irrigation
Other: NA

Assumed Annual M&O Cost: $218,000 salary+benefits only for garden & bldg M&O in 2003 $
Endowment needed to fund M&O: $4,369,000 based on 5% return

Preceded by: Relocation of Holly collection, Irrigation Mainlines
Followed by: Closure of selected parking areas on Arboretum Drive
Related Projects: part of Japanese Garden, South Pedestrian Overpass, South Parking and Access, Intersection Alignment, Multi-Use Trail

Constituents: Donors, visitors, passers-by on LWB, Japanese Garden constituents, students

Other actions required: Irrigation main line needs to be installed from the vicinity of 31st Ave E. and Washington Place to serve the site.
Project Number: 1.2

**Project Name:** Multi-Use Trail

**Project Description:** A new bicycle and walking trail running north-south through the Arboretum roughly parallel to and just east of Lake Washington Boulevard, connected to the intersection of Madison Street and Lake Washington Boulevard at the south and to the Montlake and University neighborhoods to the north. Includes four bridges over Arboretum Creek, and four at-grade road crossings and lighting at Madison, Arboretum Drive, Foster Island Drive and SR 520.

**Supports WPA Mission:** Conservation Education Recreation yes

**Assumed Responsibility for Implementation:**
- **Seattle Parks Dept.:** Leading implementation
- **Univ. of Wash.:** Restoration of adjacent native forests, signing and interpretation
- **Arboretum Fndn.:** Fundraising
- **Other:** NA

**Est. Total Project Cost:** $1,133,000 in 2003 dollars

**Assumed Responsibility for M&O:**
- **Seattle Parks Dept.:** Primary responsibility for M&O
- **Univ. of Wash.:** NA
- **Other:** NA

**Assumed Annual M&O Cost:** NA in $  
**Endowment needed to fund M&O:** NA

**Preceded by:** NA  
**Followed by:** Daylighting of Arboretum Creek

**Related Projects:** Future design of SR 520, North Entry, Arboretum Drive Relocation, Birch, Plant Ancestry, Riparian Forest, Alder, Poplar and Ash exhibits and South Pedestrian Overpass.

**Constituents:** Recreational walkers and cyclists, Seattle Department of Transportation, Washington State Department of Transportation.

**Other actions required:** Wetlands potentially affected between Stone Cottage and Arboretum Drive and bridge over Arboretum Creek.
Project Name: Ridge Top Trail

Project Description: A primary foot path, originating from the north above the Woodland Garden, and following the ridge top, passing through the conifer collection surrounding Sequoia Summit, and traversing the upper reaches of Rhododendron Glen and the Heather family collection. Includes two small pedestrian bridges, and renovation of Rhododendron, Heather, Hollies, Magnolia and Maple exhibits and Woodland Garden. Also includes interpretive and wayfinding signs and improved irrigation for plant exhibits.

Supports WPA Mission: Conservation yes Education yes Recreation yes

Assumed Responsibility for Implementation:
Seattle Parks Dept.: Trail and bridge construction
Univ. of Wash.: Restoration of adjacent native forests, renovation of exhibits, signing and interpretation
Arboretum Fndn.: Fundraising

Est. Total Project Cost: $1,842,000 in 2003 dollars

Assumed Responsibility for M&O:
Seattle Parks Dept.: Trail and bridges
Univ. of Wash.: Exhibits, collections and irrigation
Other: NA

Assumed Annual M&O Cost: $114,000 salary+benefits only for garden M&O in 2003 $
Endowment needed to fund M&O: $2,271,000 based on 5% return

Preceded by: Arboretum Drive Relocation at north end
Followed by: Re-evaluation of existing trails(remove, restore, replace)
Related Projects: Arboretum Drive Relocation, South Entry - Madrona Terrace, Irrigation Mainlines, Alpine Slope Garden, South Pedestrian Overpass

 Constituents: Recreational walkers and students

Other actions required: Coordinate water quality impacts during construction of two bridges over creeks. Evaluate condition and location of existing collections as related to trail alignment.
Project Name: North Entry

Project Description: Relocation of Lake Washington Boulevard and re-establishment of park space obliterated by highway construction and highway property acquisition, to clearly announce the north entrance to the Arboretum. Provide new Boulevard planting and create a Native Plant Synoptic Garden.

Supports WPA Mission: Conservation yes Education yes Recreation yes

Assumed Responsibility for Implementation:
Seattle Parks Dept.: Roadway relocation
Univ. of Wash.: Synoptic garden, boulevard planting, signing and interpretation
Arboretum Fndn.: Fundraising
Other: Seattle Department of Transportation

Est. Total Project Cost: $4,037,000 in 2003 dollars

Assumed Responsibility for M&O:
Seattle Parks Dept.: Roadway
Univ. of Wash.: Garden, collections, exhibits and irrigation
Other: Seattle Department of Transportation - Roadway

Assumed Annual M&O Cost: $68,000 salary+benefits only for garden M&O in 2003 $
Endowment needed to fund M&O: $1,363,000 based on 5% return

Preceded by: Irrigation Mainlines
Followed by: Daylighting Arboretum Creek
Related Projects: Future design of SR 520, Arboretum Drive Relocation, Multi-Use Trail, Children’s Arboretum, Pinetum, Foster Island Improvements

Constituents: Drivers on Lake Washington Boulevard and those accessing SR 520, general park users, walkers, bicyclists and adjacent Montlake neighborhood

Other actions required: Coordination with Seattle Department of Transportation and Washington State Department of Transportation
**Project Name:** Arboretum Drive Relocation, Parking and Greenhouse

**Project Description:** Relocate the northern third of Arboretum Drive eastward, from the Graham Visitor Center to just north of the Magnolia display. Replace greenhouse/lathhouse and construct new expanded parking at GVC. Remove small parking lots in northern end of park and restore landscape. Sequence of project: (1) demolish green and lath houses, (2) develop parking, (3) build new Arboretum Drive roadway, (4) demolish old road and restore site, (5) Foster Island drive improvements, including removal of existing parking.

**Supports WPA Mission:** Conservation  yes  Recreation  yes

**Assumed Responsibility for Implementation:**

- **Seattle Parks Dept.:** Road and buildings
- **Univ. of Wash.:** Landscape restoration, boulevard planting and signage
- **Arboretum Fndn.:** Fundraising
- **Other:** NA

**Est. Total Project Cost:** 4,818,000 in 2003 dollars

**Assumed Responsibility for M&O:**

- **Seattle Parks Dept.:** Road and parking
- **Univ. of Wash.:** Landscape, irrigation and greenhouse
- **Other:** Foundation - Plant sale greenhouse

**Assumed Annual M&O Cost:** $74,000 salary+benefits only for garden M&O in 2003 $

**Endowment needed to fund M&O:** $1,481,000 based on 5% return

**Preceded by:** NA

**Followed by:** Woodland Meadow, New Education Building, Curatorial Building, GVC Gardens, expansion of Maple collection, Additional Greenhouses

- **Related Projects:** Foster Island Improvements, North Entry, Foster Island Overpass, Ridge Top Trail, Maintenance and Operations Building and Yard

**Constituents:** Visitors, Broadmoor residents, volunteers, people who make illegal left turns to access SR 520, Friends of Seattle’s Olmsted Parks and canoists used to launching at Foster Island.

**Other actions required:** Storm water management for new and replacement parking, in-depth construction staging required.
Project Name: Graham Visitors Center Gardens

Project Description: Transform the spaces around the GVC into an overview, or Synoptic Garden, of the best exhibits at the Arboretum. Allocate a large area around the GVC to the year-round display of the Arboretum’s most beautiful and functional flowering trees, shrubs, vines and groundcovers. Demonstration gardens will extend all around the GVC, and will be changed on a regular basis. Create a new trailhead lawn west of GVC, including the Azalea Way Trailhead.

Supports WPA Mission: Conservation yes Recreation yes

Assumed Responsibility for Implementation:
Seattle Parks Dept.: NA
Univ. of Wash.: Leading Implementation
Arboretum Fndn.: Fundraising
Other: NA

Est. Total Project Cost: $1,679,000 in 2003 dollars

Assumed Responsibility for M&O:
Seattle Parks Dept.: NA
Univ. of Wash.: Gardens and exhibits
Other: NA

Assumed Annual M&O Cost: $319,000 salary+benefits only for garden M&O in 2003 $
Endowment needed to fund M&O: $6,375,000 based on 5% return

Preceded by: Arboretum Drive Relocation, Irrigation Mainlines
Followed by: Related Projects:
Education Building, Curatorial Building, Greenhouses, GVC Remodel, Ridge Top Trail, Hillside Trail, Azalea Way

Constituents: Garden visitors

Other actions required: NA
Project Name: Pinetum

Project Description: Renovate the existing Pinetum collection, which includes a collection of all conifers. Arrange in a teaching and park-like setting. Improve access with an ADA trail and other paths. Remove weedy vegetation. Establish boundary and new boundary plantings with neighbors.

Supports WPA Mission: Conservation yes Education yes Recreation

Assumed Responsibility for Implementation:
Seattle Parks Dept.: NA
Univ. of Wash.: Renovate collection
Arboretum Fndn.: NA
Other: NA

Est. Total Project Cost: $841,000 in 2003 dollars

Assumed Responsibility for M&O:
Seattle Parks Dept.: NA
Univ. of Wash.: Exhibits and collections
Other: NA

Assumed Annual M&O Cost: $71,000 salary+benefits only for garden M&O in 2003 $
Endowment needed to fund M&O: $1,417,000 based on 5% return

Preceded by: Irrigation Mainlines
Followed by: West Side Trail, Arboretum Creek (PNW Riparian Forest, Alder, Poplar and Ash exhibits)
Related Projects: North Entry, Children’s Arboretum

Constituents: Montlake neighborhood, Sequoia dedicated to former Governor Dan Evans

Other actions required: NA
Project Name: Azalea Way Pond

Project Description: Continue renovation around existing pond at south end of Azalea Way. Make it a focal point at the south end of Azalea Way. Improve stabilization of shoreline and drainage, including creeks. Renovate and improve collections in surrounding “bowl”. Restore historic rock.

Supports WPA Mission: Conservation  Education  Recreation  yes

Assumed Responsibility for Implementation:
Seattle Parks Dept.: Water drainage, stabilization of entrance stream and pond, utilities and infrastructure
Univ. of Wash.: Plants and exhibits
Arboretum Fndn.: Fundraising
Other: NA

Est. Total Project Cost: $238,000 in 2003 dollars

Assumed Responsibility for M&O:
Seattle Parks Dept.: NA
Univ. of Wash.: Pond maintenance, collections
Other: NA

Assumed Annual M&O Cost: $6,000 salary+benefits only for garden M&O in 2003 $
Endowment needed to fund M&O: $113,000 based on 5% return

Precended by: NA
Followed by: Daylighting of Arboretum Creek (Lake Washington Boulevard/Interlaken parking), Renovation of Azalea Way
Related Projects: Arboretum Rockery, Hillside Trail, Ridge Top Trail (Rhododendron and Heather exhibits)

Constituents: Friends of Seattle’s Olmsted Parks

Project Name: Arboretum-Wide Interpretive and Wayfinding Plan

Project Description: Develop an interpretive and wayfinding plan for the entire Arboretum that will communicate to the visitor the mission and vision for the Park and Arboretum. It will describe major themes and educational messages, and identify methods of interpretive media. It will include a palette of construction materials along with a wayfinding sign system suitable for an Olmsted park and appropriate for the weather conditions of the Northwest. The plan will serve as a guide to the implementation of all projects.

Supports WPA Mission: Conservation yes Education yes Recreation yes

Assumed Responsibility for Implementation:
Seattle Parks Dept.: Secondary responsibility
Univ. of Wash.: Primary responsibility for directing plan development
Arboretum Fndn.: Fundraising
Other: NA

Est. Total Project Cost: Total Project Cost = $135,000 in 2003 dollars

Assumed Responsibility for M&O:
Seattle Parks Dept.: NA
Univ. of Wash.: NA
Other: NA

Assumed Annual M&O Cost: NA in $  
Endowment needed to fund M&O: NA

Preceded by: Should be done before any major project is implemented
Followed by: All projects
Related Projects: GVC remodel

 Constituents: Donors, park visitors and neighbors

Other actions required: NA
Project Name: Irrigation Mainlines

Project Description: Before many exhibits are renovated or new ones created, it will be necessary to install irrigation mainlines to serve these exhibits. It is assumed that three new north/south oriented 8” diameter irrigation mainlines will be required. They will generally run parallel to the Ridge Top, Hillside and West Side trails, and with associated valves, will serve individual gardens and gathering areas within the Park and Arboretum. Includes connection to existing water main in the vicinity of 31st Ave. E. and Washington Place or to an existing east/west water line through the center of the Arboretum.

Supports WPA Mission: Conservation yes Education yes Recreation yes

Assumed Responsibility for Implementation:
Seattle Parks Dept.: Shared responsibility for design and construction
Univ. of Wash.: Shared responsibility for design and construction
Arboretum Fndn.: NA
Other: NA

Est. Total Project Cost: $1,783,000 in 2003 dollars

Assumed Responsibility for M&O:
Seattle Parks Dept.: Primary responsibility for maintenance and operation
Univ. of Wash.: NA
Other: NA

Assumed Annual M&O Cost: NA in $ Endowment needed to fund M&O: NA

Preceded by: NA Followed by: NA Related Projects: All plant exhibits

Constituents: Neighbors to southeast of Arboretum in the vicinity of 31st Ave. E. and Washington Place where water main will be tapped for service.

Other actions required: Coordinate with Seattle Public Utilities. May require new water capacity into the Arboretum.
**Project Name:** Japanese Garden Pavilion and Entry Structure

**Project Description:** Complete the 1959 Japanese Garden Plan with the construction of a Teahouse Pavilion and Deck. Also construct a new Entry Structure with restrooms. Restore the native forest and renovate the Asian Hillside.

**Supports WPA Mission:** Conservation yes Education yes Recreation yes

**Assumed Responsibility for Implementation:**
- **Seattle Parks Dept.:** Buildings
- **Univ. of Wash.:** Restore native forest and Asian Hillside
- **Arboretum Fndn.:** NA
- **Other:** Oversight and review by Japanese Garden Advisory Council

**Est. Construction Cost:** $1,422,000 in 2003 dollars
**Est. Total Project Cost:** $1,920,000 in 2003 dollars

**Assumed Responsibility for M&O:**
- **Seattle Parks Dept.:** Pavilion and Deck
- **Univ. of Wash.:** Asian Hillside
- **Other:** Japanese Garden Society, Urasenke Foundation, Shoseikai Friends of the Tea House

**Assumed Annual M&O Cost:** $55,000 salary+benefits for Asian Hillside, Pavilion, Deck and Entry Structure M&O only, does not include interior garden M&O in 2003 $  
**Endowment needed to fund M&O:** $1,100,00 based on 5% return

**Preceded by:** NA  
**Followed by:** NA  
**Related Projects:** South Parking, South Pedestrian Overpass, South Entry, Westside Trail, South End Entry and Visitor Services Building

**Constituents:** Japanese Garden Advisory Council, Japanese Garden Society, Urasenke Foundation - Seattle Branch, Shoseikai Friends of The Tea House

**Other actions required:** Coordinate with Japanese Garden Master Plan
Project Name: Foster Island Improvements

Project Description: Renovate and complete the Foster Island Loop Trail. Relocate parking and restore the shoreline along Duck Bay. Create Landscape for Wildlife and Reclamation Point horticultural exhibits. Renovate Willow collection, enhance existing PNW Marsh community and develop PNW Lowland Forest community. Construct Foster Island Environmental Education Shelter and Viewing Platform along shoreline of Duck Bay. Includes interpretation and wayfinding sign system.

Supports WPA Mission: Conservation yes Education yes Recreation yes

Assumed Responsibility for Implementation:
Seattle Parks Dept.: Shoreline restoration, trail, shelter and viewing platform
Univ. of Wash.: Renovation and creation of exhibits, signing and interpretation
Arboretum Fndn.: Fundraising
Other: NA

Est. Total Project Cost: $5,489,000 in 2003 dollars

Assumed Responsibility for M&O:
Seattle Parks Dept.: Trails and structure
Univ. of Wash.: Collections and exhibits
Other: NA

Assumed Annual M&O Cost: $147,000 salary+benefits only for gardn & bldg M&O in 2003 $
Endowment needed to fund M&O: $2,927,000 based on 5% return

Preceded by: Irrigation Mainlines
Followed by: NA
Related Projects: Foster Island Overpass, SR 520, Arboretum Drive Relocation, North Entry, Off-Site Administration at MOHAI

Constituents: Audubon Society, canoists

Project Name: New Education Building

Project Description: Construct new facilities northwest of the Graham Visitors Center to support education, including a new building for education programs for all ages, with multi-purpose rooms and storage for education equipment, to supplement the outdoor experience.

Supports WPA Mission: Conservation yes Education Recreation

Assumed Responsibility for Implementation:
Seattle Parks Dept.: Building standards
Univ. of Wash.: Building design, detail and management
Arboretum Fndn.: Fundraising
Other: NA

Est. Total Project Cost: $1,255,000 in 2003 dollars

Assumed Responsibility for M&O:
Seattle Parks Dept.: Building maintenance
Univ. of Wash.: Building operation
Other: NA

Assumed Annual M&O Cost: $8,000 salary+benefits only for bldg maintenance in 2003 $
Endowment needed to fund M&O: $160,000 based on 5% return

Preceded by: Arboretum Drive Relocation
Followed by: NA
Related Projects: Curatorial Building, GVC Remodel, Additional Greenhouse, GVC Gardens, Foster Island Pedestrian Overpass (Oak collection)

Constituents: Seattle public and private school children and teachers, participants in weekend and summer education programs

Other actions required: NA
Project Name: Additional Greenhouse

Project Description: Construct a new greenhouse south of the Graham Visitors Center for propagation of Arboretum plants. Also provide facilities for teaching purposes and propagation classes, and new places for plant sales.

Supports WPA Mission: Conservation yes Education yes Recreation yes

Assumed Responsibility for Implementation:
Seattle Parks Dept.: Building standards
Univ. of Wash.: Building design and management, demonstration gardens
Arboretum Fndn.: Replacement of Pat Calvert and Donations Department
Other: NA

Est. Total Project Cost: $922,000 in 2003 dollars

Assumed Responsibility for M&O:
Seattle Parks Dept.: Building maintenance
Univ. of Wash.: Building operation, collections
Other: NA

Assumed Annual M&O Cost: NA in $ Endowment needed to fund M&O: NA

Preceded by: Arboretum Drive Relocation
Followed by: NA
Related Projects: Curatorial Building, GVC Gardens, Ridge Top Trail, Hillside Trail

Constituents: Participants in Foundation annual plant sales

Other actions required: NA
**Project Name:** Maintenance and Operations Buildings and Yard

**Project Description:** Expand the Maintenance and Operations headquarters and maintenance buildings. Includes expanding open structures for equipment storage contained in the present location of the Maintenance Yard.

**Supports WPA Mission:** Conservation yes  Education yes  Recreation

**Assumed Responsibility for Implementation:**
- Seattle Parks Dept.:  Shared responsibility for implementation
- Univ. of Wash.:  Shared responsibility for implementation
- Arboretum Fndn.:  Fundraising
- Other:  NA

**Est. Total Project Cost:** $2,772,000 in 2003 dollars

**Assumed Responsibility for M&O:**
- Seattle Parks Dept.:  Shared responsibility
- Univ. of Wash.:  Shared responsibility
- Other:  NA

**Assumed Annual M&O Cost:** $6,000 salary+benefits for bldg maintenance only in 2003

**Endowment needed to fund M&O:** $120,000 based on 5% return

**Preceded by:** Curatorial Building

**Followed by:** NA

**Related Projects:** Arboretum Drive Relocation

**Constituents:** NA

**Other actions required:** Coordination with Broadmoor Golf Course on property line setbacks and plantings
**Project Number:** 2.5

**Project Name:** Hillside Trail

**Project Description:** Relocate historic hillside trail midway between Azalea Way and Arboretum Drive for improved viewing of displays and public access. Involves two small pedestrian bridges over creeks, renovation of Maple collection, Arboretum Rockery and Lookout and Loderi Valley. Include interpretive and wayfinding signs and irrigation for exhibits.

**Supports WPA Mission:** Conservation *yes*  Education *yes*  Recreation *yes*

**Assumed Responsibility for Implementation:**
- **Seattle Parks Dept.:** Trail renovation and bridge construction
- **Univ. of Wash.:** Renovation of exhibits, signing and interpretation
- **Arboretum Fndn.:** Fundraising
- **Other:** NA

**Est. Total Project Cost:** $2,018,000 in 2003 dollars

**Assumed Responsibility for M&O:**
- **Seattle Parks Dept.:** Trail
- **Univ. of Wash.:** Exhibits, collections and irrigation
- **Other:**

**Assumed Annual M&O Cost:** $136,000 salary+benefits only for garden M&O in 2003 $

**Endowment needed to fund M&O:** $2,728,000 based on 5% return

**Preceded by:** Arboretum Drive Relocation at north end

**Followed by:** NA

**Related Projects:** Arboretum Rockery, Alpine Slope Garden, Woodland Meadow

**Constituents:** Recreational walkers and students

**Other actions required:** Coordinate water quality impacts during construction of two bridges over creeks. Evaluate condition and location of existing collections as related to trail alignment.
**Project Name:** Azalea Way Renovation

**Project Description:** Renovate historic Azalea Way promenade with improved drainage and replanting. Plant selections will be based on improved, disease-resistant plants according to traditional Azalea Way themes of cherries, rhododendrons and dogwoods. Includes one pedestrian bridge over a stream, improvement of interpretive and wayfinding signs and expansion of irrigation.

**Supports WPA Mission:** Conservation **Education** yes **Recreation** yes

**Assumed Responsibility for Implementation:**
- **Seattle Parks Dept.:** ADA standards, safety, irrigation, paths
- **Univ. of Wash.:** Design, plants, exhibits, signing and interpretation
- **Arboretum Fndn.:** Fundraising
- **Other:** NA

**Est. Total Project Cost:** $2,800,000 in 2003 dollars

**Assumed Responsibility for M&O:**
- **Seattle Parks Dept.:** Bridge and trail surfacing
- **Univ. of Wash.:** Exhibits, collections and irrigation
- **Other:** NA

**Assumed Annual M&O Cost:** $273,000 salary+benefits only for garden M&O in 2003 $

**Endowment needed to fund M&O:** $5,452,000 based on 5% return

**Preceded by:** Irrigation mainlines

**Followed by:** NA

**Related Projects:** Azalea Way Pond, Arboretum Creek (Birch collection), GVC Gardens (Azalea Way Trailhead), Rhododendron Hybrids, Alpine Slope (Loderi Valley, Maple Collection)

**Constituents:** Friends of Seattle’s Olmsted Parks

**Other actions required:** Coordinate water quality impacts during construction of bridge over creek
Project Name: Canopy Walk

Project Description: Construct an elevated “canopy walk” between the summits of Yew and Honeysuckle Hills for access to treetops and extended views within the Arboretum. Includes construction of one bridge over Arboretum Creek, one education shelter and the renovation of the Plant Ancestry and Diversity exhibit. Include interpretive signing and explanation.

Supports WPA Mission: Conservation yes Education yes Recreation yes

Assumed Responsibility for Implementation:
Seattle Parks Dept.: ADA, standards of construction, safety
Univ. of Wash.: Design, plants, exhibits, signing and interpretation
Arboretum Fndn.: Fundraising
Other: NA

Est. Total Project Cost: $1,143,000 in 2003 dollars

Assumed Responsibility for M&O:
Seattle Parks Dept.: Canopy bridge and shelter
Univ. of Wash.: Exhibits, collections and irrigation
Other: NA

Assumed Annual M&O Cost: $36,700 salary+benefits only for garden & bldg M&O in 2003 $
Endowment needed to fund M&O: $734,000 based on 5%return

Preceded by: Irrigation mainlines
Followed by: NA
Related Projects: Multi-use Trail, Azalea Way,, Arboretum Creek (Alder, Poplar and Ash exhibits)

Constituents: NA

Other actions required: NA
Project Name: Children’s Arboretum

Project Description: Create a child-oriented arboretum, incorporating some of the interactive learning techniques found in children’s gardens throughout the country. Located within a portion of the conifer meadow north of the existing mini-playground at Lynn Street. Demolish old playground and build new playground. Include interpretive and wayfinding signs and expand irrigation.

Supports WPA Mission: Conservation yes Education yes Recreation yes

Assumed Responsibility for Implementation:
Seattle Parks Dept.: Standards, ADA, playground improvements
Univ. of Wash.: Design, exhibits, plants, interpretation
Arboretum Fndn.: Fundraising
Other: NA

Est. Total Project Cost: $1,158,000 in 2003 dollars

Assumed Responsibility for M&O:
Seattle Parks Dept.: Playground
Univ. of Wash.: Children’s arboretum
Other: NA

Assumed Annual M&O Cost: $20,000 salary+benefits only for garden M&O in 2003 $
Endowment needed to fund M&O: $391,000 based on 5% return

Preceded by: Irrigation mainlines
Followed by: NA
Related Projects: North Entry, Pinetum

Constituents: Children, residents of Montlake neighborhood

Other actions required: NA
Project Name: Alpine Slope Garden

Project Description: Construct a series of displays reflecting Alpine Gardens of the World adjacent to a new ADA-accessible switchback trail. Recreate selected plant communities including a collection of open alpine meadow shrubs and groundcovers. Includes construction of one interpretive shelter near the summit of the trail on the edge of a forest meadow. Include interpretive and wayfinding signs and irrigation.

Supports WPA Mission: Conservation yes Education yes Recreation yes

Assumed Responsibility for Implementation:
Seattle Parks Dept.: Shelter
Univ. of Wash.: Exhibits, collections, signing and interpretation
Arboretum Fndn.: Fundraising
Other: NA

Est. Total Project Cost: $328,000 in 2003 dollars

Assumed Responsibility for M&O:
Seattle Parks Dept.: Shelter
Univ. of Wash.: Exhibits, collections and irrigation
Other: NA

Assumed Annual M&O Cost: $8,000 salary+benefits only for garden & bldg M&O in 2003 $
Endowment needed to fund M&O: $160,000 based on 5% return

Preceded by: Irrigation mainlines
Followed by: NA
Related Projects: Ridge Top Trail, Hillside Trail, Azalea Way

Constituents: NA

Other actions required: NA

Washington Park Arboretum Master Plan Implementation
Project Information Sheet last updated 10/6/03.
Project Name: Woodland Meadow

Project Description: Renovate existing open space for special events and community celebrations. Improve drainage and restore creek along the south edge of the meadow. Expand the Maple collection and plant tall evergreen hedges to screen relocated Arboretum Drive. Create small parking lot along Arboretum Drive. Improve landscape plantings. Include interpretive and wayfinding signs and expand irrigation.

Supports WPA Mission: Conservation       Education       Recreation yes

Assumed Responsibility for Implementation:
Seattle Parks Dept.: Parking
Univ. of Wash.: Renovation of collection, plantings, signing and interpretation
Arboretum Fndn.: Fundraising
Other: NA

Est. Total Project Cost: $2,824,000 in 2003 dollars

Assumed Responsibility for M&O:
Seattle Parks Dept.: Parking area
Univ. of Wash.: Collections, plantings and irrigation
Other: NA

Assumed Annual M&O Cost: $28,000 salary+benefits only for garden M&O in 2003 $
Endowment needed to fund M&O: $554,000 based on 5% return

Preceded by: Arboretum Drive Relocation, Irrigation mainlines
Followed by: NA
Related Projects: Hillside Trail, Ridge Top Trail (Woodland Garden, Maple Collection)

Constituents: Broadmoor Country Club

Project Name: West Side Trail

Project Description: The West Side Trail along the forested valley side slope, west of Lake Washington Boulevard, will be the primary link to the adjacent Montlake and Stevens neighborhoods. Pedestrians will be able to cross Lake Washington Boulevard at the existing Willcox footbridge, at the proposed overhead crossing at the south end of the Japanese Garden, and on grade at Boyer Street. This project includes three road crossings at Interlaken, Boyer and Lake Washington Boulevard, and one pedestrian-activated signal at Boyer and Lake Washington Boulevard. It could potentially also include a tunnel under the Madison Street fill.

Supports WPA Mission: Conservation  Education  Recreation  yes

Assumed Responsibility for Implementation:
Seattle Parks Dept.: Trail
Univ. of Wash.: Renovation of exhibits, signing and interpretation
Arboretum Fndn.: Fundraising
Other: Seattle Department of Transportation - road crossings and signal

Est. Total Project Cost: $817,000 in 2003 dollars

Assumed Responsibility for M&O:
Seattle Parks Dept.: Trail
Univ. of Wash.: Exhibits, collections and irrigation
Other: Seattle Department of Transportation - road crossings and signal

Assumed Annual M&O Cost: $7,000 salary+benefits only for garden M&O in 2003 $
Endowment needed to fund M&O: $142,000 based on 5% return

Preceded by: NA
Followed by: Arboretum Creek (Alder, Poplar and Ash Exhibits)
Related Projects: Japanese Garden, South Pedestrian Bridge, North Entry, Children’s Arboretum, South Parking and Access, Pinetum

Constituents: Montlake and Stevens neighborhoods, Japanese Garden Society, Urasenke Foundation, Shoseikai Friends of the Tea House

Other actions required: Coordination with Seattle Department of Transportation regarding street crossing at Boyer
**Project Name:** Curatorial Building

**Project Description:** Design and construct a new curatorial building to provide staffing and facilities for curation, curation management and collections management: record-keeping, mapping, labeling and interpretation. Could include an office for the Director. Locate at the north end near the Graham Visitors Center.

**Supports WPA Mission:** Conservation yes Education yes Recreation

**Assumed Responsibility for Implementation:**
- Seattle Parks Dept.: Building standards
- Univ. of Wash.: Design, exhibits, plants, interpretation
- Arboretum Fndn.: Fundraising
- Other: NA

**Est. Total Project Cost:** $1,231,000 in 2003 dollars

**Assumed Responsibility for M&O:**
- Seattle Parks Dept.: Building maintenance
- Univ. of Wash.: Building operation
- Other: NA

**Assumed Annual M&O Cost:** $3,000 salary+benefits only for bldg Maintenance in 2003 $

**Endowment needed to fund M&O:** $60,000 based on 5% return

**Preceded by:** Arboretum Drive Relocation, Maintenance and Operations Buildings and Yard
**Followed by:** NA

**Related Projects:** Additional Greenhouse, Education Building, Azalea Way, GVC Remodel, GVC Gardens, Hillside Trail, Ridge Top Trail

**Constituents:** Edmonds Community College Horticultural Department

**Other actions required:** NA
Project Number: 3.3

Project Name: Graham Visitors Center Remodel

Project Description: Renovate the Graham Visitors Center for visitor services, retaining its current size. The renovated building will serve as the primary destination for visitors. Its lobby will be entirely devoted to greeting and orienting visitors. The gift shop will be expanded and exhibits will be developed to introduce the key messages of the education and interpretive programs. A small food service area will also be included, as will interpretive and wayfinding signs.

Supports WPA Mission: Conservation yes Education Recreation

Assumed Responsibility for Implementation:
Seattle Parks Dept.: Shared design, safety and security
Univ. of Wash.: Shared design, programmatic exhibits, management
Arboretum Fndn.: Fundraising
Other: NA

Est. Total Project Cost: $1,386,000 in 2003 dollars

Assumed Responsibility for M&O:
Seattle Parks Dept.: Building maintenance
Univ. of Wash.: Building operation, exhibits
Other: NA

Assumed Annual M&O Cost: $31,700 salary+benefits only for bldg maintenance in 2003 $
Endowment needed to fund M&O: $634,000 based on 5% return

Preceded by: Education Building, Curatorial Building, Off-Site Administration at MOHAI
Followed by:
Related Projects: Arboretum Drive Relocation, Additional Greenhouse, GVC Gardens, Arboretum-Wide Interpretive and Wayfinding Plan

Constituents: Visitors to the Arboretum, particularly public and private school children and teachers

Other actions required: NA
Project Number: 3.4

**Project Name:** Foster Island Pedestrian Overpass

**Project Description:** Construct a wheelchair-accessible overpass over Foster Island Drive, including adding earthen fill on the north side to provide a ramping path down to existing grade. Includes renovation of the Oak collection.

Supports WPA Mission: Conservation  Education  Recreation  yes

**Assumed Responsibility for Implementation:**
- Seattle Parks Dept.: Overpass and trail
- Univ. of Wash.: Renovation of exhibits, signing and interpretation
- Arboretum Fndn.: Fundraising
- Other: NA

**Est. Total Project Cost:** $1,648,000 in 2003 dollars

**Assumed Responsibility for M&O:**
- Seattle Parks Dept.: Trail and overpass
- Univ. of Wash.: Exhibits, collections and irrigation
- Other: NA

**Assumed Annual M&O Cost:** $12,000 salary+benefits only for garden M&O in 2003 $

**Endowment needed to fund M&O:** $238,000 based on 5% return

**Preceded by:** NA

**Followed by:** NA

**Related Projects:** Arboretum Drive Relocation, GVC Gardens, Educational Building, Foster Island Improvements, Azalea Way

**Constituents:** Residents of Broadmoor

**Other actions required:** NA
Project Name: Arboretum Creek

Project Description: Increase water flow at the source of Arboretum Creek by allowing more water into the channel, but keeping it in underground culverts via the playfield, emerging above ground west of Lake Washington Boulevard near the Interlaken Boulevard intersection. Enhance the creek bed’s natural appearance and ecological function, including a possible salmon run. Restoration of Arboretum Creek will require: tunneling under the Madison Street fill to allow connection to the storm water system south of Madison Street, three new ponds along the creek, rebuilding and planting the creek bed, daylighting a side creek below the Woodland garden, removing parking north of the Lynn Street pedestrian bridge and a new structure where the creek crosses Lake Washington Boulevard. Includes renovation of the Birch collection, and establishment the PNW Mixed Forest and PNW Riparian Forest collections, and the Poplar, Alder and Ash collections.

Supports WPA Mission: Conservation yes Education yes Recreation

Assumed Responsibility for Implementation:
Seattle Parks Dept.: Creek restoration, design, permits, construction
Univ. of Wash.: Renovation of existing and establishment of new collections, exhibits, signing and interpretation
Arboretum Fndn.: Fundraising
Other: NA

Est. Total Project Cost: $7,052,000 in 2003 dollars

Assumed Responsibility for M&O:
Seattle Parks Dept.: NA
Univ. of Wash.: Exhibits and collections
Other: NA

Assumed Annual M&O Cost: $41,000 salary+benefits only for garden M&O in 2003$
Endowment needed to fund M&O: $824,000 based on 5% return

Preceded by: Multi-Use Trail
Followed by: NA
Related Projects: North Entry, Westside Trail, Pinetum


Other actions required: This project will involve coordination with and, in some cases approval from, all of the organizations listed above.
Project Name: South Parking and Access

Project Description: Improve the parking lot between the Japanese Garden and the playfield to accommodate more cars (increase from 84 to 128 spaces) and four buses. Improve landscaping to include shrub and groundcover trials. Provide wayfinding signage and a pedestrian-activated signal.

Supports WPA Mission: Conservation Education Recreation yes

Assumed Responsibility for Implementation:
Seattle Parks Dept.: Design, construction, ADA
Univ. of Wash.: Plants and exhibits
Arboretum Fndn.: NA
Other: NA

Est. Total Project Cost: $446,000 in 2003 dollars

Assumed Responsibility for M&O:
Seattle Parks Dept.: Parking area
Univ. of Wash.: Plants and exhibits
Other: NA

Assumed Annual M&O Cost: $16,400 salary+benefits only for garden & bldg M&O in 2003 $
Endowment needed to fund M&O: $328,000 based on 5% return

Preceded by: South Entry - Madrona Terrace
Followed by: NA
Related Projects: South Pedestrian Overpass, Japanese Garden, Multi-use Trail, South End Educational and Visitor Services Building

Constituents: Soccer leagues and players, Japanese Garden society, Urasenke Foundation, Shoseikai Friends of the Tea House

Other actions required: Coordinate signal with Seattle Department of Transportation
**Project Name:** South Pedestrian Overpass

**Project Description:** A pedestrian overpass over Lake Washington Boulevard near the intersection with Arboretum Drive, will link the interpretive trails of the southeastern portion of the Arboretum to the Japanese Garden entry and parking area. Enhance plantings at points of contact.

**Supports WPA Mission:** Conservation    Education    Recreation yes

**Assumed Responsibility for Implementation:**
Seattle Parks Dept.: Bridge
Univ. of Wash.: Restoration of native vegetation
Arboretum Fndn.: NA
Other: NA

**Est. Total Project Cost:** $1,510,000 in 2003 dollars

**Assumed Responsibility for M&O:**
Seattle Parks Dept.: Primary responsibility
Univ. of Wash.: NA
Other: NA

**Assumed Annual M&O Cost:** NA in $  
Endowment needed to fund M&O: NA

**Preceded by:** South Entry
**Followed by:** NA
**Related Projects:** South Parking and Access, Japanese Garden, Multi-Use Trail, Ridge Top Trail, Westside Trail, South End Educational and Visitor Services Building

**Constituents:** Drivers along Lake Washington Boulevard

**Other actions required:** Coordinate clearance over Lake Washington Boulevard and overpass construction with Seattle Department of Transportation
Project Name: Off-Site Administration at MOHAI

Project Description: The increased level of general services and administration needed to eventually accommodate the full scope of program activity called for in the Arboretum Master Plan, will require approximately 4,000 additional square feet of administration office space. This requirement could be accommodated in the existing Museum of History and Industry (MOHAI) building, once the Museum moves to its new location. This building is located just north of SR 520 just west of Foster Island.

Supports WPA Mission: Conservation yes Recreation

Assumed Responsibility for Implementation:
Seattle Parks Dept.: Shared responsibility
Univ. of Wash.: Shared responsibility
Arboretum Fndn.: Shared responsibility
Other: NA

Est. Total Project Cost: $571,000 in 2003 dollars

Assumed Responsibility for M&O:
Seattle Parks Dept.: Building maintenance
Univ. of Wash.: Building operation
Other: NA

Assumed Annual M&O Cost: $15,000 salary+benefits only for bldg maintenance in 2003 $
Endowment needed to fund M&O: $300,000 based on 5% return

Preceded by: Vacation of building by MOHAI
Followed by: Renovation of Graham Visitor Center
Related Projects: NA

Constituents: NA

Other actions required: Agreement to acquire and renovate existing building
**Project Name:** South End Educational and Visitor Services Building

**Project Description:** Visitors entering the southern portion of WPA will arrive at a satellite education center located just south of the Japanese Garden. The educational and visitor services building (approximately 2,500 sq. ft. floor area) will provide for education and visitor services, including class/meeting room and rest rooms.

**Supports WPA Mission:** Conservation yes  Education yes  Recreation yes

**Assumed Responsibility for Implementation:**
- **Seattle Parks Dept.:** Building standards
- **Univ. of Wash.:** Design and management
- **Arboretum Fndn.:** Fundraising
- **Other:** NA

**Est. Total Project Cost:** $891,000 in 2003 dollars

**Assumed Responsibility for M&O:**
- **Seattle Parks Dept.:** Building maintenance
- **Univ. of Wash.:** Building operation
- **Other:** NA

**Assumed Annual M&O Cost:** $15,000 salary+benefits only for bldg maintenance in 2003 
**Endowment needed to fund M&O:** $300,000 based on 5% return

**Preceded by:** South Entry - Madrona Terrace
**Followed by:** NA
**Related Projects:** South Parking and Access, Japanese Garden, South Pedestrian Overpass

**Constituents:** NA

**Other actions required:** NA