



Alvord Lake

Appendices

List of Projects and Park Needs

Project	Capital Costs	Additional Maintenance	Project Funding	
			1992 Bond	Other Funding Sources
Landscape				
CAD mapping of park landscape design	40,000	yes	yes	
Tree spade for moving of larger trees	30,000			
Lake reconstruction projects	13,700,000	yes	partial	
Reconstruction of Rainbow Falls	500,000		yes	
Wildlife habitat improvement program	250,000	yes		
Wildlife/feral animal study	50,000			
Rhododendron Dell rehab. and irrigation	175,000		yes	
Reforestation Program	200,000 *		partial	* Annual cost
Erosion Control Program	400,000		yes	
Circulation				
Accessibility/ADA path improvements	5,800,000	yes	yes	
Pedestrian path improvements:				
- Conservatory Dr. West	20,000		partial	
- Bowling Green Dr.	20,000		yes	
- Pedestrian path to McLaren Lodge	20,000		yes	
Multipurpose/bikepath improvements	1,200,000	yes	partial	
Bicycle improvements:				
- Panhandle/Masonic safety improvements	10,000		partial	Department of Parking and Traffic
- monitored bike parking in Music Conc.	10,000			Concession
Road closures:				
- Conservatory Drive East	5,000			Deferred
- 7th Ave./Lincoln entrance	50,000			
- Bernice Rodgers Way (South Fork Drive)	5,000			
- 47th Ave./JFK Dr.	5,000			
- Waller St.	50,000			
- Middle Dr. West (partial)	15,000			
- Arguello	25,000			Department of Parking and Traffic
- 30th. Ave./36th. Ave. - make one-ways	10,000		yes	

Project	Capital Costs	Additional Maintenance	Project Funding	
			1992 Bond	Other Funding Sources
Tea Garden Drive improvements	200,000			Deferred
Intersection paving reductions:				
- MLK/South Fork	15,000			
- JFK/Stow Lake Dr.	15,000		partial	Completed
Landscape extensions on eastern JFK Dr.	300,000	yes		
JFK/Stanyan/Kezar entry improvements	200,000	yes	yes	
Implement 3&4 hour parking limits	60,000	enforcement		
Kezar parking lot landscaping	60,000	yes		
Traffic signal at Kezar/Lincoln	125,000			
Circulation sign survey and plan	50,000	yes	yes	
Crossover Dr. undergrounding study	2,000,000			Transportation expenditure plan
MLK/Crossover grade separation study	50,000			
Transit portal - 7th/Fulton	200,000	yes		
Visitor drop-off - County Fair Bldg.	20,000			
Shuttle bus program study	250,000	yes		Partial funding from Transportation Authority grant

Recreation

Play area renovations:				
- 46th Ave	30,000		partial	
- Mother's Meadow	50,000		partial	
- 9th/Fulton	150,000		partial	Open Space Fund, completed
- Children's Playground	200,000		partial	
- Panhandle	50,000		partial	
Trail and path improvements	3,400,000		partial	
Trail brochures (walking, bicycling, equestrian)	60,000		partial	
Mt. bike education program	30,000	yes		
Handball court repairs	40,000		partial	
Tennis court resurfacing	250,000			Concession
Athletic field rehab. - Polo Field	350,000			Completed
Athletic field rehab. - Beach Chalet soccer fields	350,000			Completed
Resurface Polo Field track	40,000			Completed
Bicycle track fencing	40,000			Completed

Project	Capital Costs	Additional Maintenance	Project Funding	
			1992 Bond	Other Funding Sources
Horseshoes area renovation or relocation	50,000			
6th Ave. resurfacing (skating area)	9,000			Private donations

Visitor Facilities

Beach Chalet visitor center	350,000	yes		Completed
Music Concourse information kiosk	40,000	yes		
Eastern park visitor center	200,000	yes		
Comprehensive entry signs	300,000	yes	yes	
Park feature signs	50,000	yes	partial	
Park visitor brochures and maps	50,000		partial	
Restoration of restrooms	1,500,000	yes	yes	
Park Furnishings:				
- benches	120,000	yes		Private donations
- picnic tables & facilities	160,000	yes	partial	
- trash receptacles	50,000	yes		

Buildings and Monuments

Beach Chalet	1,800,000		partial	Completed
Carousel:				
- structural and other improvements	350,000			
- curtain wall	100,000			In progress - private donations
- organ restoration	50,000			Completed
Conservatory:				
- structural & other improvements	25,000,000		partial	FEMA, Office of Emerg. Services, donations, General Fund
- 3,000 sf additional nursery facilities	600,000			Private donations
- Rose House reconstruction	700,000			
County Fair Building:				
- structural improvements & asbestos treatment	500,000			
- building redesign and redevelopment	TBD			Strybing Arboretum Society, cost to be determined
Equestrian center improvements	488,000			Concession
Kezar Pavilion:				
- structural improvements	893,000			
- accessibility improvements	500,000		yes	

Project	Capital Costs	Additional Maintenance	Project Funding	
			1992 Bond	Other Funding Sources
McLaren Lodge:				
- structural & other improvements	2,500,000			
- accessibility improvements	500,000		yes	
Murphy's Mill restoration	700,000	yes		
Park Aid Station	750,000	yes		
Pioneer Log Cabin kitchen	20,000	yes		Fuhrman Bequest
Urban Forestry Center	500,000			
Arboretum education center	TBD			Strybing Arboretum Society, cost to be determined
Tennis clubhouse improvements	150,000			Revenue facility
West end pavilion structure	500,000			Friends of Recreation and Parks
Golf clubhouse improvements	112,500		partial	Concession
Statues and Monuments:				
- conservation treatment	633,000			Private fundraising, Adopt-a-Monument Program
- maintenance plan	716,000			Private fundraising, Adopt-a-Monument Program

Utilities and Infrastructure

Reconstruct water supply system:			yes	
- refurbish wells and pumps	2,700,000			
- underground reservoir & central pumping	8,000,000			
- distribution system (main lines)	9,800,000			
- automatic irrigation systems	5,100,000			
- reservoir/pumphouse entry structure	90,000			
Other utilities including the following:			yes	
- replacement electrical distribution system	1,500,000			
- replacement park lighting	5,000,000			
- sewer and drainage improvements	6,700,000			
- domestic water	1,200,000			
Tunnel & bridge repair	1,000,000		partial	
Tennis court lighting	250,000			Concession

Project	Capital Costs	Additional Maintenance	Project Funding	
			1992 Bond	Other Funding Sources
Maintenance and Operations Areas				
Western park maintenance HQ restoration	50,000			
Urban Forestry Center rehabilitation	400,000		partial	
Restoration and relocation of log storage area	100,000		partial	
- log chipping equipment	100,000			
Additional screen planting at various facilities	50,000			
Special Area Plans				
Music Concourse:				Deferred
- Fountain renovation	50,000	yes	yes	Private donations
- cafe plaza construction	500,000			
- cafe replacement structure	80,000			
- consolidate maint. and parking lot structures	250,000			
- Replanting of 124 trees	72,000	yes	yes	
- Replanting & maintenance of flower beds	10,000	yes		
- Relandscaping of traffic islands	10,000	yes		
- 100 new benches	20,000	yes		
- Replacement lighting (incl. roadways)	240,000		yes	
- Stairs, paths, & accessibility improvements	800,000		yes	
- Replacement trash receptacles	10,000	yes		
- Bandstand annex improvements	70,000			
West End Plan:				
- Railroad trail improvements & meadow	150,000	yes	yes	Completed
- Great Highway multiple use trail	250,000	yes	yes	Completed, Friends of Recreation and Parks
- Great Highway landscaping	200,000	yes		
- Pavilion structure (see buildings section)			yes	
Richmond Sunset treatment plant site:				
- sports field	500,000	yes		Oceanside WTP mitigation measure
- reforestation areas	50,000		yes	
- picnic area	25,000			
- parking area	40,000			

Project	Capital Costs	Additional Maintenance	Project Funding	
			1992 Bond	Other Funding Sources
DeLaveaga Dell/Aids Memorial Grove	750,000	yes		Aids Memorial Grove
Bison Paddock fencing	120,000		yes	
Entry Improvements:				
- Entry signs for all entries	30,000	yes	partial	
- Stanyan & Hayes	20,000		partial	
- Stanyan/Kezar/JFK Drive	50,000	yes	partial	Included in circulation projects
- Stanyan & Haight	150,000		yes	Completed
- 9th & Lincoln	200,000		partial	
- 19th & Lincoln	200,000		partial	
- Lincoln & MLK Drive (west end)	100,000		yes	Completed
- Great Highway & soccer fields (pedestrian)	20,000		yes	Completed
- Great Highway & JFK Drive	350,000	yes	yes	Completed
- Fulton & 7th Ave (Powell St. Rwy. Sta.)	200,000	yes	partial	
- Fulton & Arguello	150,000		partial	

**Total for capital projects
with costs identified: \$119,823,500**

Additional Maintenance Needs

	# of Positions	Annual Costs	Potential Funding Sources
Mobile crew for shrub and perimeter planting	6 (2 crews)	400,000	
Mobile crew for ivy & invasive plant removal	3	200,000	
Lake maintenance	2 part time	50,000	
Mobile crew for restroom cleaning	3	120,000	
Gopher control (contract)		50,000	
Weekend custodians for litter control	2 part time	40,000	
Mechanics to maintain equipment and vehicles	2	100,000	
Pesticide/herbicide specialists	1	60,000	
Nursery staff for reforestation program	1	60,000	
Additional forestry staff	3	180,000	
Additional Maintenance Sections Staff	19	1,140,000	
Additional Park Patrol officers (24 hr./7 days)		320,000	
Park landscape architect	1	80,000	
Volunteer coordinator	1	60,000	

Additional Annual Maintenance Costs Total \$2,860,000

Equipment Needs

	Cost	Potential Funding Sources
Tub grinder for wood waste recycling program	250,000	completed
Tree spade for Urban Forestry program	80,000	
Garbage truck with can lift	80,000	
Hydroseeder	25,000	
Park Patrol vehicles	100,000	

Equipment Costs Total \$535,000

Master Plan Documents

GGPMP Economic Issues Working Paper

Economics Research Associates, February 1993

GGPMP Economic Issues Working Paper #2

Economics Research Associates, March 1994

GGPMP Background Report: Historical Element

Marianne Babal, Historian, February 1993

GGPMP Evaluation of Buildings, Monuments, and Statues

Carey & Co., GKO & Associates, April 1993

GGPMP Background Report: Forests and Wildlife

Stephen Smith, Forester, January 1994

GGPMP Background Report: Geology, Groundwater and Recycled Water

Geo/Resource Consultants, March 1993

GGPMP Issues Report: Transportation

DKS Associates, March 1993

*GGPMP Draft Circulation Action Plan, Responses to Comments and
Supplemental Analysis of Actions*

DKS Associates, June 1994

GGPMP Circulation Plan - Technical Appendix

DKS Associates

Organizations Participating in the Golden Gate Park Master Plan Process

Academy of Sciences
Alliance for Golden Gate Park
Asian Art Museum
Audubon Society
Bicycle Advisory Committee
California Academy of Sciences
Coalition of San Francisco Neighborhoods
Cole Valley Improvement Association
Conservatory of Flowers
Department of City Planning
Department of Parking & Traffic
Department of Public Works/Disabled Access
Department of Public Works/Project Management
Edgewood Neighborhood Association
Fine Arts Museums of San Francisco
Friends of Recreation & Parks
Friends of Sharon Arts
Golden Gate Angling & Casting Club
Golden Gate Park Collectors
Green Party
Haight Ashbury Improvement Association
Haight Ashbury Neighborhood Council
Hom & Pon. Concessionaires
Inner Sunset Merchants Association
Inner Sunset Neighborhood Association
Inner Sunset Park Neighborhood
Kezar Poly Neighborhood Association
Lake Merced Hill
Lakeshore Acres
MUNI
Mayor's Disability Coordinator
Mt. Olympus Neighborhood Association
Outdoor Skaters Association
Parkview Commons
Planning Association of the Richmond
Recreation & Park Commission
Recreation & Park Department staff
Richmond District
San Francisco Bicycle Coalition
San Francisco Flower Show
San Francisco State University Department of Recreation
San Francisco Tomorrow
San Francisco Planning and Urban Research
Sierra Club/Joint Open Space Committee
Skaters Association
Stables
Strybing Arboretum
Stow Lake Corporation
Stanyan-Fulton Street Association
Sunset Parkside Education & Action Com.
Sunset Residents Association
UCSF
UCSF Transportation Service
Watch Bison Committee
Woodland Avenue Association