

Veterans Memorial Park (Kumar) Management Plan



FCT Project No. 04-21-FF4

**City of Oldsmar
September 2005**

VETERANS MEMORIAL PARK

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I. INTRODUCTION

A. Background

The proposed Veterans Memorial Park (Kumar) is an estimated 5.8 acres that lies in the south central section of the Oldsmar, Florida City limits (see location map at Exhibit B). The City of Oldsmar is a small urbanized community of approximately 13,000 residents located in the northern portion of Pinellas County, the state's most densely populated county. The City of Oldsmar is approximately 9 square miles and is bordered by Hillsborough County, the City of Safety Harbor, unincorporated Pinellas County and Tampa Bay.

The proposed project would include, virtually, the only remaining waterfront property within the City and create an urban park, with both passive and active recreation facilities. The entire area is a platted subdivision, recorded under the name, "Country Club Addition to Oldsmar", in 1925. The project site was originally planned as a hotel site in the early years of the City. Construction was begun and never completed for the original concept as a hotel. The Kumar family constructed a residence and lived on the property from 1965 to 2003. The City acquired the property from the Kumars in April of 2003 with the intent of developing a park. The Kumar residence was demolished shortly after the City acquired the property. This acquisition will provide the last large piece of property available at the top of Tampa Bay on the shoreline. A boundary map is depicted in Exhibit F.

This document represents the continuance of the management process. It is critical that all future work be carefully documented so that as personnel changes occur, there is a clear, concise understanding of the initial site conditions, the agreements that have been made, the methodologies that have been applied, the management failures and successes. The individual or individuals responsible for management should re-visit the purpose and goals identified for the property periodically to ensure that the methods applied are the most efficient means to the goal. The success of the overall management effort is contingent upon how carefully conditions are monitored and whether appropriate adjustments are made.

B. Acknowledgement

The City of Oldsmar acknowledges that the grant funding from the Florida Communities Trust was used to acquire the project site and the management plan was developed in accordance with the Grant Award Agreement and in furtherance of the purpose of the grant application. A copy of the grant agreement is at Exhibit E.

II. PURPOSE

A. Acquisition Statement

The purpose of purchasing the Kumar property is:

The purpose of this project is to include the only remaining large parcel of property within the City of Oldsmar to preserve green space, provide passive recreational opportunities, provide additional access to Old Tampa Bay and to establish native vegetation in botanical gardens. .

By using this area as a green space and a recreation area, many potential natural resource impacts will be reduced, thus, implementing several objectives of the City's Comprehensive Plan, specifically Future Land Use, Coastal Management and Conservation, and Open Space Elements. Further, by preventing the increase in multi-family or commercial structures, water usage and infrastructure impacts will not be increased.

B. Acknowledgement

The project site will be managed only for the conservation, protection, and enhancement of natural resources and for public outdoor recreation that is compatible with the conservation, protection and enhancement of the site.

C. Management Objectives

Several specific management activities will assist in achieving this intended purpose. Unless otherwise indicated, all of these objectives are addressed in this management plan.

1. Analyze existing and anticipated trends of regional use and demands to determine our role in satisfying those needs.
2. Provide a broad spectrum of recreational opportunities .
3. Establish management flexibility to meet changing conditions, needs and opportunities for green space in the City of Oldsmar.
4. Provide priority phasing of facility and resource development recommendations to serve as the basis for capital and operational budget requests.
5. Protect native shoreline vegetation and wildlife habitat.
6. Encourage public uses of the property that are consistent with the preservation efforts and prohibit any activities, which would negatively impact these goals.
7. Provide educational opportunities for residents and visitors through the use of

interpretative signage describing the features, flora and fauna of the region.

8. Provide appropriate shoreline access for canoes or similar small, non-motorized watercraft.
9. Enhance the City of Oldsmar's Master Parks Trail Connection Plan by providing additional trails and trailhead facilities.

D. Long Range Management Objectives

1. Evaluate providing additional access to Tampa Bay offering additional recreational opportunities such as swimming, fishing, and canoeing.
2. Develop long-term development of native vegetation in botanical gardens to provide an educational opportunity for the public.

E. Comprehensive Plan Directives

Acquisition of the Veterans Memorial Park (Kumar) is consistent with and will implement the requirements of the adopted City of Oldsmar Comprehensive Plan, particularly those in the Coastal Management, Conservation, Recreation and Open Space Elements. The specific goals, objectives and policies from the Conservation, Recreation and Open Space Elements are noted below for all relevant Land Development Code and Comprehensive Plan language:

Goal 1 of the Coastal Management and Conservation Element of the Comprehensive Plan states the City shall conserve, protect and appropriately manage the natural resources (aquatic, wetland and terrestrial) of the City. Protecting the quality and quantity of surface and groundwater will be met through Objective 1.1, which will classify, regulate and minimize impervious surface areas in order to promote groundwater infiltration, maximizing runoff and improving water quality. Objective 1.3 states the City shall conserve or improve wetlands, aquatic resources and wildlife population and habitat to maintain their environmental and recreational value. Implementation of land regulations has been put into effect to assure protection of the environmental system.

The Coastal Management and Conservation element of the Comprehensive Plan further ensures protection of species with special status from adverse impacts under Objective 1.5 of Goal 1. Policies are specifically related to the protection of manatees. These gentle giants have been sited in the vicinity of the project site and surrounding waters. Policies 1.5.1 and 1.5.2 assures the City's commitment to protect all species listed as endangered, threatened or of special concern that are identified.

Objective 1.10 under Goal 1 of the Coastal Management and Conservation element

establishes the joint participation with neighboring municipalities, corporations and counties to protect, maintain and improve coastal resources, which address natural systems.

Goal 1 of the Recreation Open Space element of the Comprehensive Plan ensures the City's provision to protect and maintain a coordinated, efficient and accessible system of public recreational parks. The City in Objective 1.1 in which the City shall cooperate with other governmental agencies to provide a park system and policy 1.1.7 encourages a variety of recreational activities, including utilization of unique natural features and scenic areas, further enhances this. It also encourages a variety of recreational activities, including utilization of unique natural features and scenic areas. By acquisition of this property, policy 1.2.1 will be achieved which encourages the City to explore methods to obtain private resources and/or assistance programs for the recreational facilities and/or recreation and open space acreage. In addition, achievement of protecting and preserving native habitat and providing passive recreation opportunities along with acquisition, protection and maintenance of natural reservations will be achieved.

With the addition of this site, Objective 2.2 of the Recreation Open Space element of the Comprehensive Plan will be met by providing public access to recreation sites. As stated above, the acquisition of this parcel of land is the only means to which access to it and Tampa Bay will be met.

Seagrass beds may be located within the nearshore coastal waters adjacent to the project site. Oldsmar is committed to protecting this ecosystem (Goal 1, Coastal Management and Conservation, Oldsmar Comprehensive Plan).

Listed wading birds such as the roseate spoonbill, great egret, white ibis, and wood stork may forage along the shoreline. Listed mammals using the site include Sherman's fox squirrel, and the West Indian manatee. The City has committed to implementing procedures to protect significant habitat areas required to support listed species as identified in Rule 27.003-005, Florida Administrative Code (Objective 1.5, Oldsmar Comprehensive Plan).

Use Element, Oldsmar Comprehensive Plan; Article 5, Section 5.3.1, Oldsmar Land Development Code).

F. Land Use and Zoning

Following acquisition of the Veterans Memorial Park, Community Development Department staff initiated a land use and zoning amendment to redesignate the property from Residential Estate and Residential Rural to Preservation land use, and from E-1 and Conservation zoning to Preservation. A copy of any approved ordinances changing the land use or zoning designations is at Exhibit G.

G. Assurance

The City will identify the project site in all literature and advertising that it is operated as an outdoor recreation and conservation area acquired with funds from the Florida Communities Trust.

III. SITE DEVELOPMENT, IMPROVEMENTS AND ACCESS

A. Existing Improvements

The FCT Project No. 04-21-FF4 has no existing improvements on site. The previously existing residential structure has been demolished.

B. Proposed Improvements

A master site plan delineating the boundaries of property and with proposed improvements is at Exhibit A. Throughout the site's design, the City will avoid and then minimize any natural resource impacts whenever practicable. Further, City of Oldsmar staff will ensure that all activities under the Management Plan and Grant Award Agreement comply with applicable local, state, regional, and federal laws and regulations, including the Oldsmar Land Development Code and the Oldsmar Comprehensive Plan.

Facilities at this site will include:

Gazebo	1	1500 square feet
Trail Connections Paved		1400 linear feet
Picnic shelters	3	900 square feet each
Restrooms	1	300 square feet
Canoe launch	1	150 square feet
Parking lot	1	50 spaces
Bocce Ball Court	1	
Native Plant Gardens with Interpretative signage		.75 Acre
Exercise Trail Equipment		
BBQ Grills	3	
Veterans Monument		500 square feet
Picnic Tables		12 each
BBQ Grills		4 each
Trash Containers		12 each

The park will also contain covered picnic areas with approximately twelve (12) picnic tables.

From the park entry point a trail system, consisting of at-grade systems will wind through the Park, aligned with representative examples of the native plants in gardens throughout the Park. Interpretive signage will be placed along the trail describing the flora and fauna on the site and the importance of these systems to the overall environment. The trail will connect to the Oldsmar Parks Connection Trail System. The project has been cleared of exotic and nuisance vegetation.

A canoe launch will be developed off the parking area that will allow access via canoe to

Tampa Bay.

Stormwater retention facilities will be developed as required in a manner that provides a natural system and approved by permit from the applicable agencies.

The public will be directed to an entrance at a single point. A gate, open only during specific hours of operation, will secure access to the parking area.

C. Acknowledgement

City of Oldsmar staff will request written approval from FCT for all buildings, structures, improvements, signs and removal of native trees prior to commencement of construction design activities for activities not addressed in the approved Management Plan.

D. Landscaping

The City will take measures to protect and maintain the existing native trees. Prior to site development, temporary barriers such as construction fencing, sturdy wood fencing or chain link fencing, will be placed around the existing native trees extending to at least the drip line, so that the trees are protected from construction activities.

The City will establish native plant gardens consisting of approximately .75 acres of the site with signage to provide public education and information on the native plants of Florida. The gardens will be developed around the gazebo and along the hiking trail. Some examples of appropriate salt tolerant native plants may include: beautyberry (*Callicarpa Americana*), butterflyweed (*Asclepias tuberosa*), yellowtop (*Flaveria linearis*), firebush (*Hamelia patens*), beach sunflower (*Helianthus debilis*), yaupon holly (*Ilex vomitoria*), wild lantana (*Lantana involucrata*), hairgrass (*Muhlenbergia capillaris*), wild coffee (*Psychotria nervosa*), and scarlet sage (*Salvia coccinea*). The City will consult with the Pinellas Chapter of the Florida Native Plant Society to insure appropriate native plants for the project site. The proposed landscape plan is depicted on the Master site plan located at Exhibit A. The development of the gardens is proposed for April 2008 completion.

E. FCT Recognition Sign

The entrance sign will identify Veterans Memorial Park (Kumar) as having been purchased with funds from Florida Communities Trust. The sign shall be 2' x 3' at a minimum and include the FCT logo, with year acquired.

F. Parking

The project has access from Shore Drive, a public street. A driveway, partially developed, connecting to the park and leading into the project will be upgraded. The driveway will terminate at the proposed parking area. The parking area will be constructed of pervious and impervious materials. Concrete curbing will limit the extent of parking area and to ensure that vehicles remain within the designated area. The parking area is anticipated to contain approximately fifty (50) spaces.

G. Stormwater Facilities

The City has obtained required stormwater permits from Southwest Florida Water Management District for site development previously. The permit No. 47026376.00 will be modified as required for final site design.

H. Hazard Mitigation

The project site is entirely within the FEMA Special Flood Hazard Area commonly referred to as the 100 year flood plan. The acquisition of Project No. 04-021-FF4 further limits development in tidal shoreline protecting the natural habitat and mitigating hazards. Exhibit H depicts the 100 year flood plan and Coastal High Hazard Area.

I. Local Mitigation Strategy

Both the Pinellas County Local Mitigation Strategy and the Oldsmar Comprehensive Plan place a high priority on the public acquisition of coastal lands. Under the provisions for Disaster Resistant Communities, requirements to protect the shoreline and flood plain by using “man-made and natural systems” designed to reduce potential damage and erosion and limiting residential density increases within the coastal high hazard area. Managing the project site as part of the City’s network of environmental land is consistent with this provision. The City of Oldsmar is committed to all provisions of the LMS to help mitigate hazards by creating buffers for wave action. Acquisition of the project will limit residential development within the coastal high hazard area.

J. Design and Permitting

Prior to the construction of any of the site improvements, the City will conduct additional surveying. This surveying will establish more specifically the plant types along coastline and animal species that should be protected and coordinated with the overall design. Should any site alteration on physical improvement be proposed that is currently not addressed in this site management plan, the City will request written approval from the FCT before initiating any of these improvements.

The City will obtain permits from Southwest Florida Water Management District and the City of Oldsmar for construction of improvement to the access road, parking area trails,

canoe launch, picnic areas and shelters, and stormwater facilities. Additional permits, as required from the Army Corp of Engineers, Department of Environmental Protection, Pinellas County Navigation Authority and the City of Oldsmar will be obtained.

Should, during this review and permitting procedures, additional permits be necessary other than those as identified, the City will coordinate and respond accordingly. Prior to construction, the City will notify FCT in the Annual Stewardship Report that the necessary permits have been obtained.

K. Easements, Concessions and Leases

The property has no platted rights-of-way or easements occur through the property.

The City of Oldsmar staff will provide 60 days advance written notice to FCT for review and approval prior to initiating any of the following activities on the site: lease of any interests; operation of any concession; any sale or option to buy things attached to the site; any use other than by a member of the public; and management contracts for the Project Site with any non-governmental persons or organizations. The City of Oldsmar acknowledges that these activities or interests may not be permitted because they may have negative legal and tax consequences under Florida law and federal income tax law.

The City of Oldsmar, through its agents and employees, will prevent the unauthorized use of The Veterans Memorial Park and insure that any use of the Park is in conformance with the FCT approved Management Plan. The City of Oldsmar acknowledges the right of FCT staff or its duly authorized representatives to inspect The Veterans Memorial Park and the operations of the City at the site.

L. Acknowledgement

The City acknowledges that all fees collected from use of this property will be placed in a segregated account solely for the upkeep and maintenance of the project.

IV. NATURAL RESOURCES

A. Natural Communities

1. Seagrasses

Seagrass beds may be located in the nearshore waters of Tampa Bay adjacent to the project site. Seagrass communities provide food and habitat for species such as spotted sea trout, tarpon, pink shrimp, and spiny lobster, as well as many types of wading birds and endangered species, such as manatees and sea turtles. Seagrass communities, however, are declining worldwide, primarily owing to human-induced disturbances. Declines in seagrass coverage in Florida, particularly in Tampa Bay, have been linked to pollution, worsening water quality, coastal development, loss of tidal marshes, and mechanical damage from dredge filling and scarring by boat propellers. Tampa Bay has lost more than 70-percent its seagrass coverage.

The City will conduct an evaluation of the seagrass beds prior to any coastal development. Results of this evaluation will be submitted to FCT for review. The City, in coordination with state and county agencies, will manage seagrass beds to enhance the habitat conditions for manatees and other species that depend on seagrass communities. The City will locate facilities in a manner that minimizes impacts to the habitat.

B. Listed Animal Species

Manatee protection zones have been installed along the coastline by the Florida Fish and Wildlife Conservation Commission in May, 2005. Additionally, signage has been installed in parks along the shoreline providing manatee education. The City will request signage for Veterans Memorial Park.

The City will conduct an annual plant and animal survey. Should any newly identified listed species be found on the project site, that information will be forwarded to the Florida Natural Inventories (FNAI) on appropriate forms depicted in Exhibit C.

B. Water Quality

The City will provide necessary stormwater management facilities to ensure water quality protection of the Park and adjacent waterways will be minimized. Any development of the site will be reviewed for approval and permits by the FDEP and SWFWMD. Water quality testing is being conducted in Tampa Bay along the shoreline routinely by Pinellas County Health Department.

The testing data as referenced above is conducted to meet quality controls in accordance with applicable county, state and federal standards. The testing data shows the water quality to be within minimum and maximum levels required. The Pinellas County Health

Department specified the sample points and parameters.

The present testing is utilized to monitor the effect stormwater outfalls do not negatively affect the water quality of the project site and health risks to the public. The City will take actions to alleviate any negative impact of the area. The City will coordinate with the Southwest Florida Water Management District to investigate opportunities to improve the water quality throughout the project site. The City will notice the public if water quality is diminished to harmful levels.

V. RESOURCE ENHANCEMENT

A. Exotic and Nuisance Species

Some of the acquired property had been invaded by exotic and nuisance vegetation, including Brazilian pepper (*Schinus terrebinthifolius*). The invasive exotics, including Brazilian peppers were removed during demolition of the property structures.

B. Exotic Species Monitoring

The City will establish an annual monitoring program to ensure that exotic and invasive vegetation does not become re-established. The City will use the most current Exotic Pest Plant Council's List of Florida's Most Invasive Species as a guide in identifying the invasive exotic vegetation on the project site. A copy is included in Exhibit D.

C. Feral Animal Control Program

No feral animals (cats and dogs) have been observed on the project site to date. Domestic cats are very effective predators on native animals such as rabbits, squirrels, mice, lizards, snakes, and many species of wild birds. Animal behavior experts note that cats will hunt and kill even if well fed. A single individual free-ranging cat may kill 100 or more birds and mammals per year.

To protect native wildlife from predation, disease and other impacts presented by feral and free-ranging animals, and in the best interest of park patrons, the City will monitor for feral animals daily and will contact the appropriate federal, state and county agency for removal. The program will be implemented upon approval of the management plan.

VI. ARCHEOLOGICAL AND HISTORICAL RESOURCES

No archeological or historic resources are currently known within the project site; however, the possibility of such resources cannot be ruled out. The City has performed a cultural resource survey on the entire project site which is at Exhibit J. The resultant survey report conforms to the specifications set forth in Chapter 1A-46, *Florida Administrative Code*, and will be forwarded to the Division of Historical Resources. Any significant resources found will be interpreted for education of the public. If any archeological or historic sites are discovered, the City will comply with Chapter 267 Florida Statutes, specifically sections 267.061 (2) (a) and (b). immediately. The collection of artifacts or disturbance of any archeological or historic site on the Veterans Memorial Park is prohibited unless authorization has been obtained from the Department of State, Division of Historic Resources and the Director of Parks, Recreation & Cultural Affairs for the City of Oldsmar. The City understands that the Division of Historical Resources will review the plan and provide comments.

VII. EDUCATION

A. Background

The Director of Parks & Recreation (or his designee) will ultimately be responsible for the development of educational programs and the implementation of program activities. The City will provide or coordinate environmental educational programs on a regularly scheduled basis. The City will conduct a minimum of 24 regularly scheduled educational programs annually. We will try to develop partnerships with the Pinellas County Extension Service and the Florida Native Plant Society for volunteers.

The City is also anticipating an interest by Pinellas County and other County School districts to develop field trips as part their curriculum. Oldsmar also anticipates interest to schedule educational events for church groups, scouting groups, senior citizens, private schools and colleges. The City will coordinate availability and scheduling for the above events with volunteer support.

The content or focus of the environmental education program should be on the basics: watershed, wildlife, and the value and unique problems and characteristics of both wetland and uplands habitats. The system effects of Tampa Bay must be shown in terms of providing habitat for northwest Pinellas County's remaining indigenous species of plants and animals.

While water resource issues are critical, even more critical are the issues relating to the natural system needs for an area such as Veterans Memorial Park. Though we must teach Veterans Memorial Park visitors where their water comes from, how it ends up in the spigot, and what can be done to protect the resource, the larger emphasis must be on water's role in "extending the island", and how necessary it is to support the natural system needs.

Understanding the impact of events outside of the park but associated with the watershed is an important aspect of an environmental education program. For example, how does storm water run-off effect water quality and quantity on the Park and Tampa Bay? This and other questions should be emphasized using passive educational exhibit techniques. Everywhere in today's world, clean water sources are shrinking and natural system needs are being ignored. The public must be made aware of the consequences and the importance of local watershed issues.

The relationships with aquifer recharge areas should be understood, as should those with surface water systems. The roles of the Parks upland areas must also be emphasized as they supply important habitat as well as act as large "filters" as the water is absorbed.

Topics such as how the air quality or even climatic effects are impacted by environmental neglect or how human population can adversely impact wildlife habitat are examples of system effects that need to be taught as part of the education plan.

Programs and passive educational opportunities should be available for students of all ages, educators, civic organizations, and casual participants, including handicapped persons. Specific programs, particularly winter season programs for seasonal residents and summer programs for youth should be devised to target a variety of topical audience interests such as:

B. School

Requests from post secondary institutions for project opportunities or educational programs should be met whenever possible. It is anticipated that these activities will greatly enhance the regular classroom activities of area schools. Projected activities would include but are not limited to field trips, lectures, and student research activities.

C. General Public

Programs at Veterans Memorial Park will be made available especially to the general public. This will include but not be limited to community groups, private groups, civic organizations, and casual visitors. Through the activities provided by this site, members of the general public will benefit by learning about the ecological, economic, historic, recreational and aesthetic importance of our natural resources.

D. Additional Educational Programs could include:

1. Programming for Special Students

Included in the site's development will be an area for visually and/or physically challenged persons. This area will provide the facilities and associated activities so those with visual or physical limitations can participate in meaningful environmental education learning opportunities and activities.

2. Special Event Programming

Special events offer unparalleled opportunity to not only develop community support for the Park but to also create unusual and very memorable learning events for participants. Special events will also provide memorable moments and visions for the visitor.

3. Summer Programs

Summer programs especially short term residential fee assessed programs for children offer the most exciting, demanding, labor intensive, profitable, hands on action available to an environmental education center. It is the kind of program that will offer more media coverage on a slow news day in the summer than any other. And it will always be guaranteed to be the community favorite. Such programs are sure to win community support, and long term, they will do the best job of securing

community commitment.

E. Acknowledgement

The City will provide interpretative signage intended to educate visitors about the natural environment and any archaeological and historical resources on the site. Educational signs will be placed at strategic locations along the trail.

VIII. COORDINATED MANAGEMENT

The Pinellas County Sheriff's Office will be the law enforcement entity for the property.

The City will coordinate management efforts with the Southwest Florida Water Management District and the Department of Environmental Protection where proposed management strategies affect or potentially affect the agencies' respective jurisdictional responsibilities.

The City will provide information and a copy of the management plan to the Fish and Wildlife Conservation Commission, Office of Environmental Services, for review and comment. Upon receipt of comment, the City will provide the FCT with a copy of their response.

As with all publicly owned lands in the County, the managing agents will collect and share data on biotic communities and the ecological response of management strategies.

IX. MANAGEMENT NEEDS

A. Maintenance

The City of Oldsmar Parks and Recreation Department will be responsible for coordinating site maintenance and management of the Park. The Parks and Recreation Department will conduct all management activities. These activities include:

- (1) Site cleanup and trash removal
- (2) Fence repair
- (3) Trail maintenance
- (4) Exotic plant control
- (5) Support facility maintenance
- (6) Site security
- (7) Annual floral and fauna inventories
- (8) Beach maintenance

B. Security and Safety

Security will ultimately be the responsibility of the City. Access will be by fencing the majority of the site's perimeter and gating will control access.

Entry signage will be erected in accordance with state posting requirements. The Pinellas County Sheriff's office, the City's contracted law enforcement service provider shall be contacted if any criminal infractions occur on the property. City staff shall identify any potential hazards to public health within the project area and take appropriate measures to minimize risk.

C. Staffing

Completion of the tasks associated with site development, as well as tasks identified in the preceding maintenance section, are the responsibility of the City of Oldsmar.

All picnic areas and trail entrances shall have trash receptacles to be emptied on a regular basis by City staff and removed from the site.

Following each task listed below, is the party responsible for implementation:

Site Development:

- (1) Site fencing (independent contractor hired by City)
- (2) Trail development (City Parks and Recreation Department)
- (3) Baseline floral and faunal inventory (Pinellas County, consultant, local universities, volunteers)
- (4) Facilities construction (City of Oldsmar and independent contractors)
- (5) Facilities upkeep (P&R)
- (6) Site security (Pinellas County Sheriff's Department, P&R)
- (7) Annual floral and faunal inventories (Parks and Recreation Department).

X. COST ESTIMATE AND FUNDING SOURCE

A. Funding

The development and enhancement of the Veterans Memorial Park will require significant funding. A funding acquisition plan for the Park will be multi-faceted, and monies should be acquired from diverse sources. In this way, the City will not be solely responsible for the monetary needs of the Park, and the program development can be expedited. In addition, indirect support can be obtained through the use of volunteers and from universities and colleges whose researchers would develop information, which would benefit the management of the Park at no cost to the City. Lastly, voluntary donations from visitors to the Park can be collected. The City will be submitting applications for grants from the Florida Department of Environmental Protection, the Southwest Florida Water Management District, the Florida Department of Agriculture and Consumer Services, the State of Florida Department of Community Affairs and the Florida coastal Management Program.

Additional sources of project and operational funding for the Park could include the following:

1. National Science Foundation, Biological Sciences Directorate: Biological Sciences Program
2. Environmental Protection Agency, Office of Environmental Education: Environmental Education Grant Program
3. National Endowment for the Arts, Visual Arts Program, Promotion of the Arts: Visual Arts

B. Development Cost Estimates

Engineering/Design/Permitting	100,000
Geotechnical Survey	10,000
Topographical/Wetland	10,000
Biological survey	5,500
Archeological Survey	5,000
Parking area (1)	80,000
2 Bike Stands	2,000
Picnic Area/Landscaping	50,000
Signage	10,000
Picnic Tables and Trash Cans/Grills	36,000
Fencing	20,000
Restrooms (1)	80,000
Covered Shelters (3)	90,000
Gazebo	100,000
Canoe Launch	10,000
Bocce Ball Court	10,000
Sub-Total	618,500

Resource Enhancement

Native Planting	30,000
Sub-Total	
Grand Total	648,500

XI. PRIORITY SCHEDULE

The development of the Park's facilities and programs will occur over a period of years, and there will always be changes and improvements, which have to be made to the Park itself and to the Management Plan. Although we recognize that the Park represents a long-term commitment by the City and will provide long-term benefits to City residents, we believe that it is critical to accomplish certain essential tasks in a short time frame in order to maintain the momentum gained thus far in the project.

Implementation of the plans development recommendations are phased according to priority, program need and efficiency. The phasing is considered to be flexible and may change as priorities and needs are assessed annually. Development, maintenance and operational activities can be better analyzed through a phasing approach. Proposed development time line is contingent upon acquiring the necessary permits and funding is at Exhibit I. Implementation is anticipated to occur upon approval of the management plan or not later than October 2005.

XII. MONITORING AND REPORTING

The City will prepare and submit an annual stewardship report not later than January 30th annually for submission to the Florida Communities Trust that evaluates implementation of the management plan. The progress of the management plan will be measured through careful consideration of the annual monitoring reports and comparison of existing conditions to goal conditions.

At the time of development this plan will represent the best effort to analyze the site features of this recreation site to provide sustained outdoor recreational opportunities. However the plan must be flexible in order to adapt to changing circumstances and new information. The City will periodically review the plan utilizing public input, new data and agency plan review. Additionally, the progress of the aforementioned schedule will be used to gauge success.

Any proposed modification of the Management Plan and/or undertaking any site alterations or physical improvements that are not addressed in the approved Management Plan will be submitted to FCT for prior review and approval.