

EVALUATION AND APPRAISAL REPORT (EAR)

Overview

The Evaluation and Appraisal Report (EAR) provides a status report on the implementation of the Campus Master Plan, highlights current issues that should be addressed in the Master Plan Update and identifies its scope. The Master Plan for the University of South Florida St. Petersburg (USFSP) was completed in 1995, amended in 1998, and updates completed in 2004 and 2009. The 2000 update commenced during a restructuring period for the State University System and, as a consequence, its completion was delayed until 2004. The restructuring occurred as a result of a directive from the Florida State Legislature establishing a new governance structure for public universities, which took effect on July 1, 2001. Public universities are now governed by the Florida Board of Governors, and appointed University Boards of Trustees, rather than by the former Florida Board of Regents. The new governance structure grants fiscal and operational autonomy to the regional campuses of the USF system including USFSP.

As required by the State of Florida, the University must update the Master Plan every five years. Since the original completion of the Master Plan in 1995, USFSP has been reorganized and restructured per the 2001 directive of the State Legislature.

This document accompanies the 2010-2020 master plan update, due to be completed in 2011.

Since 1995, USFSP has been in the process of carrying out the recommended goals, policies, and objectives of the Master Plan. In that time, USFSP has accomplished many projects and has been able to test the effectiveness of the Master Plan as a tool for implementation. The EAR identifies these project accomplishments as well as some of the implementation issues that have made it difficult to achieve certain goals, policies, and objectives.

The Five Year Master Plan Update provides the opportunity to re-evaluate the recommendations of the Master Plan and to revise them to reflect current issues and concerns both on-campus and in the host community of St. Petersburg. The EAR is a vehicle for identifying the major new issues, which ultimately may require the addition, deletion, or refinement of earlier goals, policies and objectives. Changes in University policies, such as designation as a four-year institution and the addition of housing, can have wide ranging affects, particularly changes in the academic mission and enrollment projections. In some cases, policies or actions initiated by the host community, such as the redevelopment of the port and FAA changes at Albert Whitted Airport, affect the University plans and must be addressed. Other issues arise out of the ongoing development on campus and the evolution of the institution over time.

The EAR incorporates our understanding of development projects completed since the 2005-2015 master plan update was completed and provides an overview of the current issues facing USFSP. Concurrent with the development of the EAR, the status of the existing campus systems (infrastructure, utilities, and transportation) was researched for the Data & Analysis report. This more detailed research into the current issues may reveal additional material that should be incorporated into the EAR.

For the purposes of the Master Plan Update, it will be important to define "Existing Conditions." We suggest that all projects that will be in construction in fiscal year 2010/2011 be considered "existing" since few parameters can change once a project is in the ground. This will allow us to focus our energies on

defining and documenting “future” projects. The definition of this cut-off point does have several repercussions that should be considered, however. Traffic and parking data, which has been collected, will need to be adjusted to reflect the likely conditions with new projects in place. Utility and infrastructure data may need similar adjustments depending on when data has been collected. The Concurrency and Development Agreement with the City of St. Petersburg may be affected by whether projects are considered already completed or still outstanding in the Master Plan Update. Base maps will be brought up to date to include some new projects as existing and some as future depending on the definition of the cut-off date.

ELEMENT 1: ACADEMIC MISSION OF THE UNIVERSITY

Introduction

Mission

The University of South Florida St. Petersburg offers distinctive graduate and undergraduate programs in the arts and sciences, business, and education within a close-knit, student-centered learning community that welcomes individuals from the region, state, nation and world. We conduct wide-ranging, collaborative research to meet society's needs and engage in service projects and partnerships to enhance the university and community's social, economic and intellectual life. As an integral and complementary part of a multi-institutional system, USF St. Petersburg retains a separate identity and mission while contributing to and benefiting from the associations, cooperation, and shared resources of a premier national research university.

USFSP strives to achieve greater fiscal self-sufficiency which in turn reinforces the need for flexibility in locating facilities funded by the entrepreneurial efforts of the University. Interdisciplinary teaching and research will be supported by the connectivity of areas and places inherent in the plan. The enhancement of student life and the intellectual climate is supported by that connectivity and by the integration of a rich array of residential, social, sports and cultural facilities in the campus fabric. Engagement with the community and region will be fostered by improved wayfinding and the location of community-oriented facilities on sites that are visible and accessible to the public.

Goal Statement (2005-2015):

The University of South Florida St. Petersburg (USFSP) is committed to the pursuit of excellence in teaching, research, and public service with special consideration for programs and activities addressing the opportunities and needs of the metropolitan areas it serves.

Implementation of Objectives and Policies:

The University has successfully implemented the Academic Mission Objectives and Policies.

Recommended Actions

Maintain communication with the USFSP metropolitan areas it serves for the opportunity to align academic and service programs with any changes to the community's goals and objectives.

Areas of Concern

No areas of concern were identified in this review.

ELEMENT 2: ACADEMIC PROGRAM

Introduction

The University of South Florida St. Petersburg (USFSP) is a separately accredited institution within the USF System. USFSP has a Chancellor and the institution operates under the governance of a Campus Board. However, the academic program approval process requires USF System-level approval (BOT) prior to consideration and approval by the Board of Governors (BOG). USFSP offers academic programs that meet regional needs and uses a comprehensive institutional process for developing additional educational program offerings.

The local planning process is coordinated by the Planning, Effectiveness and Budget Committee (PEBC), a faculty-led group that reviews planning material in the context of overall university strategic initiatives. However, ideas for academic program offerings begin with faculty. In concert with their colleagues, faculty develop proposals which are reviewed and approved by the Undergraduate and Graduate Councils and their respective college deans.

The institution plans to continue slow, but steady growth in enrollment by expanding degree offerings at both the undergraduate and graduate levels and plans to increase online course offerings in order to support enrollment growth.

Each spring, the university is required to submit an Annual Work Plan to the BOG through the USF System, and over the summer must submit an Annual Report on progress towards meeting its stated institutional goals. Among the various required components of these documents are student enrollment projections and proposed academic program plans.

Through 2010-11, USFSP offered 17 undergraduate degrees and 10 graduate degrees. Beginning in 2011-12, the university will offer two new undergraduate programs in Entrepreneurship (COB) and Health Sciences (CAS) bringing the total undergraduate offerings to 19 degrees. An MS in Digital Journalism and Design has been approved by the BOT for implementation in 2011-12, bringing the total number of graduate degrees to 11. Towards the end of the spring 2011 semester, the BA in Biology was also on track for approval by the BOT. Academic program planning for the immediate future primarily includes the addition of graduate programs.

Undergraduate Offerings Through 2011-12		Degrees by College		
Bachelors	Program	CAS	COB	COE
1	Graphic Design	BFA		
2	Accounting		BA/BS*	
3	Anthropology	BA		
4	Criminology	BA		
5	Economics		BA/BS*	
6	English	BA		
7	Education			BS
8	Entrepreneurship (new in 2011-12)		BA/BS*	
9	Env. Science & Policy	BS		
10	Finance		BA/BS*	
11	Health Science (new in 2011-12)	BS		
12	History	BA		
13	Info. Sys. Management		BA/BS*	
14	Interdisciplinary Social Science	BA		
15	Management		BA/BS*	
16	Marketing		BA/BS*	
17	Mass Communication	BA		
18	Political Science	BA		
19	Psychology	BA		

* BA/BS: 1 degree with 2 options.

Graduate Offerings Through 2011-12		Degrees by College		
Masters	Program	CAS	COB	COE
1	Elem. Ed. (dual track)			MA
2	Elem. Ed. w/ Math/Science			MA
3	Eng Ed			MA
4	Reading Ed			MA
5	Mass Comm/Journalism & Media Studies	MA		
6	MBA		MBA	
7	Env. Science & Policy	MS		
8	Masters in Liberal Arts	MLA		
9	Ed Leadership			M.Ed.
10	MAT Varying Exceptionalities/ESOL			MAT
11	Digital Journalism and Media (new in 2011-12)	MS		

List of Proposed Academic Program Offerings Through 2014

CIP	Program	Date
13.1203	MS in Middle Grades STEM Education	2011-12
26.0101	BS in Biology	2011-12
52.1101	BS in Global Business2011-12	
13.1311	MAT in Middle Grades Math	2012-13
13.1316	MAT in Middle Grades Science	2012-13
13.0101	Ed.S. in Education	2012-13
52.0301	MS in Accounting	2013-14
52.1301	MS in Management	2013-14
52.0701	MS in Global Entrepreneurship and Innovation	2013-14
43.0111	MS in Forensic Computing and Security Networking	2013-14
51.0000	MS in Health Sciences	2013-14
42.0101	MS in Psychology	2013-14
50.0702	BA in Studio Art	2013-14
50.0703	BA in Art History	2013-14
40.0607	BS in Marine Science	2013-14
16.0905	BA in Spanish	2013-14

Goal Statement (2005-2015):

The Academic Program goal of the University of South Florida St. Petersburg (USFSP) is to provide high quality academic programs to meet local, state, and national needs. USFSP will contribute to this goal by building on the special opportunities for programs and services offered by its community.

Goal Statement (2010-2020):

*The **Academic Performance** goal of the University of South Florida St. Petersburg is to support and enhance programs that prepare students to be knowledgeable, reflective, and engaged citizen scholars in a global society.*

Implementation of Objectives and Policies:

The University has successfully implemented the Academic Program Objectives and Policies.

- Objective 2.1 – Update projected enrollment data for the Fall of 2020 to include a total headcount of 6,893 and a total FTE of 1835.
- Policy 2.2.2 – FTE and headcount projections together with projected new academic programs are listed in Data and Analysis – Element 2: Academic Program - Table II-2-A. Tables 2-C and 2-D have been deleted.

Recommended Action:

Initiatives to Achieve Academic Performance:

- Use sustained evidence of student learning outcomes and student achievement for continuous improvement
- Offer certificate, undergraduate, and graduate programs that meet regional needs
- Implement and support information and instructional technologies that facilitate effective pedagogies
- Enhance programs that specifically support academic excellence
- Increase student awareness of participating in a global society

Areas of Concern:

No areas of concern were identified in this review.

ELEMENT 3: URBAN DESIGN

Introduction

The basic urban design framework as reflected in the original 1995 master plan remains as the guiding principle for campus development. The plan is structured around a unified and interconnected system of public spaces, quads, courtyards and pedestrian concourses that are defined by coherent building edges. The framework for the organization of building sites, open spaces and circulation is the City of St. Petersburg street grid. In some cases, the streets remain open for vehicle use. In the heart of the campus, bounded by First and Third Streets South, Sixth Avenue South and Bayboro Harbor, the street corridors have been converted to pedestrian concourses. Harborwalk is such a concourse and has replaced Second Street South and Seventh Avenue South within this defined area and remain as key elements of the urban design plan. Progressive increases in campus density are encouraged in the urban design element so as to enhance campus vitality, conserve limited land resources for facilities growth, and animate the functional connections between areas of the campus.

The following is a current status summary of the major action items proposed in the 2005-2015 Master Plan Update:

1. Harborwalk, a pedestrian concourse in the heart of the campus, has been completed on the alignment of Second Street South (between Sixth and Seventh Avenues South) and Seventh Avenue South (between First and Third Streets South).
2. Sixth Avenue South (between First and Fourth Streets South) will remain open to vehicular traffic but will incorporate central landscaped medians and bike lanes. USFSP has begun a dialogue with the City of St. Petersburg to vacate the Right-of Way on Second Street South (between Fifth and Sixth Avenues South) in order to develop a pedestrian concourse extension to continue the Harborwalk concept into the heart of the campus.
3. The existing Chiller Plant will remain in its present location and has been expanded on-site. The facility will be screened with enclosure walls and additional landscaping.
4. Waterfront Park improvements to the pedestrian paths have been implemented and will be further expanded to connect existing campus pathways to future USFSP buildings. In addition, arcades and breezeways at the ground level of the buildings provide protection from summer sun and downpours.
5. Academic building heights will range from two to six stories, partly in deference to the airport runway approach pattern over the south side of the campus, and partly to reflect the most efficient and humanly-scaled profile for academic buildings.
6. The Dali Museum will be relocated to a new building at Progress Energy Performing Arts Center and the old building and site has been purchased by USFSP.
7. Two projects will concentrate campus energy around Harborwalk: Phase One of the Multipurpose Student Center to the west of the new Harborwalk; the future College of Business adjacent to the Science and Technology facility will create the eastern boundary of Harborwalk.

Goal Statement (2005-2015)

The Urban Design goal of USFSP campus master plan is to integrate with and enhance the urban fabric of downtown St. Petersburg where the city meets Bayboro Harbor.

Implementation of Objectives & Policies

The University has successfully implemented most of the Urban Design Objectives and Policies including Harborwalk.

Another important element of the Urban Design is the access to the bayfront and connections to the north and south. While some bayfront improvements have been made, not all the desired connections are in place.

Completed Items

- Policy 3.1.1 – To date, USFSP has been successful in maintaining contact with the host community regarding issues related to the urban design character of the institution and host community context area. A Development Agreement between USFSP and the City of St. Petersburg was signed in 2005 and must be renewed by the end of 2011.
- Policy 3.1.2 – Harborwalk has been completed.
- Objective 3.2 – The historic buildings on campus have been designated as such and are being maintained as set forth by the Florida Division of Historical Resources.
- Objective 3.4 – With the completion of the primary elements of Harborwalk, an open space hierarchy has been created.

Incomplete Items

- Policy 3.1.2 – USFSP is working with the city of St. Petersburg to effect the remaining portion of the Second Street South closure as well as the addition of medians to Sixth Avenue South.
- Policy 3.1.3 – USFSP has not yet established a Design Review Council to review and ensure compliance with master plan goals, objectives and policies. This policy has been the responsibility of the Facilities Planning and Construction Services office.
- Policy 3.2.1 – The Williams House and the Studebaker Building are both listed on the National Register; the Williams House was listed April 24, 1975; the Studebaker Building was listed July 5, 1985. The Snell House has been similarly protected and restored as intended in the master plan.
- Policy 3.4.1 – The building site adjacent to Harborwalk is slated for the Multi-Purpose Student Center which will begin construction in March of 2011.
- Policy 3.4.3 – Phase One of the parking structure at Fifth Avenue South and Third Street South is now complete with a capacity of 1,160 cars. Phase Two will accommodate an additional 340 cars.
- Policy 3.8.1 – The western extension of Harborwalk has not yet been implemented.

Unknowns

- Policy 3.4.4 – It is unclear if procedures have been explored for funding campus landscape framework improvements.
- Policy 3.9.3 - It is not known if all existing buildings have been evaluated to be added to a campus-wide energy management system.

Recommended Action

- Continue planning efforts that move the campus towards the creation of open spaces that organize the Urban Design Framework.

- Reconsider options for creating an on-going fund for implementation and maintenance of landscape framework improvements.
- Objective 3.6 – The esplanade should be expanded southward from Poynter Park to connect to the old Dali Museum building (future Harbor Hall).
- Add an objective that requires all future buildings to be designed for LEED certification at the silver level minimum or an equivalent green building standard.

Areas of Concern

No areas of concern were identified in this review.

ELEMENT 4: FUTURE LAND USE

Introduction

The land use pattern for the campus is guided by the urban context and uses that adjoin the campus. The master plan update continues to concentrate the academic core zone around Harborwalk. The academic core is anchored on the southwest by the Library and on the northeast by the Campus Activity Center and the new student residence (Phase I), with the balance of the uses fronting on Harborwalk being instructional and research facilities as well as the proposed Multi-purpose Student Center. The peninsula remains as a center of marine and oceanographic research, as well as a working waterfront where research vessels and other equipment and vehicles are accommodated.

The balance of the land use pattern consists of support uses that are generally arrayed at the periphery of the academic core, but still in relative close proximity. That includes parking which occupies interstitial lots within the core blocks and larger freestanding areas on sites at the edges of the campus.

The following is a current status summary of the major action items proposed in the 2005-2015 master plan update:

1. This update continues to designate the USFSP property into three land use/density districts:
 - District 1: "The peninsula," whose uses are primarily marine and oceanographic-oriented academic, research and agency functions,
 - District 2: "The Academic Core", and
 - District 3: "Academic," an area recognizing its relationship with other institutions to the west of campus.
2. The city block where the Campus Activity Center is located will be used to accommodate three student housing buildings. The first student residence building, now completed, includes 354 beds.
3. The sites of the existing recreational field and adjacent parking lot are under consideration as alternative or future academic/research building sites and student residential facilities (phases 4 and 5).
4. The 1,160-space parking structure is complete and in operation. The building also houses Campus Police, a tenant space and the Bookstore.
5. The site of the former Fountain Inn will accommodate a Multi-purpose Student Center.
6. The site south of the former Fountain Inn and north of the Poynter Library was designated for academic use in the 2005-2015 master plan update but has recently been revised to be the site of a wet retention pond.
7. USFSP proposes to collaborate with the City and other appropriate parties to identify off-campus sites within close proximity to the campus where future research and development and related agency functions could be located.
8. The Chiller Plant has been expanded at its current location north of Bayboro Hall and will not be relocated. Two 1000 ton chillers and cooling towers were the primary components of the expansion.
9. USFSP has plans to acquire the Dali Museum building, which is immediately south of the campus, as the museum has relocated to a site at the Progress Energy Performing Arts Center. This facility will be used for academic programs.

10. The first phase of the Science and Technology Building has been completed on the site north of Davis Hall adjacent to Harborwalk.
11. An addition to the Children's' Research Institute is proposed to the west of the existing facility and just north of the Ronald McDonald House.
12. The USGS expansion of its facility at Fourth Street South and Sixth Avenue South has been completed. Only the first floor of a planned three story facility was constructed due to limited federal funding.

Goal Statement (2005-2015)

The Land Use goal of the USFSP master plan is to organize campus land uses in close and logical proximity to one another and compatible with adjacent land uses in the community.

Implementation of Objectives and Policies

The University has had some success in implementing the Land Use Objectives and Policies, however there are several that have been persistently difficult. First, issues with uses along the bayfront continue to be an issue. The conditions on the Peninsula where the University shares land with several other entities, are not ideal. The University has been unable to secure an agreement and lease modification with Florida Fish and Wildlife Conservation (FWC) to construct a park space on FWC leased land at the northwest corner of the peninsula. At the other end, the esplanade project to improve the open space between Poynter Park and the boathouse has been completed. Topographic and soils data (Objective 4.3) is typically recorded on a project-by-project basis and has not historically been matched to appropriate land uses on the campus.

Completed Items

- Policy 4.1.1 – The esplanade has been completed but must be expanded to connect to the future Harbor Hall.
- Policy 4.5.1 – A 2005 Development Agreement between USFSP and the City of St. Petersburg documents USFSP's work with its host community regarding land use and development. This agreement is scheduled to be updated by the end of 2011.
- Policy 4.5.2 – The Dali property is to be acquired from the City of St. Petersburg for additional academic functions.
- Policy 4.6.1 – USFSP has established a Space Needs Committee which together with Facilities Planning and Construction Services reviews future space requirements and the need for facility modifications.
- Policy 4.10.1 – Harborwalk replaced the city streets but the utility, pedestrian and emergency access corridors were maintained.

Incomplete Items

- Policy 4.1.2 – USFSP has not yet effectuated an agreement with FWC to modify their lease and acquire the property to provide open space at the northwest end of the peninsula, contingent on redevelopment of the FWC site for new, expanded space by FWC.
- Policy 4.3.2 – USFSP has not maintained a database of existing soils and topographic conditions.

- Objective 4.8 – USFSP has not been able to relocate service and utility uses along First Street across from the airport. Due to financing and project constraints, the Chiller Plant was expanded at its current location to the west of Harborwalk.

Unknowns

- Policy 4.11.3 – It is not known if Snell and Williams Houses have received both State and National Historic Designation status.

Recommended Action

- Siting of the Facilities Services Department must be determined.
- The University should continue to increase efforts to work with city and state officials to settle land-use issues on the USFSP campus, particularly as they relate to the non-university uses on the Peninsula.
- Consider formally designating the open space area adjacent to the Bayfront between Poynter Park and the boathouse on the Peninsula through a motion passed by the USFSP Campus Board or similar action.
- Revise the Related Agency district designation on Figure 4-b to include the USGS facilities only. Vacate 7th Ave. So. to create an academic block that encompasses the Piano Man and USFSP Research Lab buildings and the parking lots south of the USGS facilities,

Areas of Concern

Objective 4.8 is written as a directive policy and relates to Objective 4.7 regarding location of specific land uses. It is suggested that the service and utility Objective 4.8 and Policy 4.8.1 be rewritten as Policy 4.7.2.

A difference exists in projected ten year enrollment profiles from those anticipated in the 1995 Master Plan. The basic difference is that USFSP has become a four-year undergraduate campus, as contrasted to the two-year upper division undergraduate enrollment assumed in the 1995 plan. The profile and rate of undergraduate growth has potential impacts on the land use and program requirements that will likely cause changes in at least three areas. Associated with this transition to a four-year institution, student residences have been constructed on the campus as well as support facilities such as outdoor recreation and structured parking.

ELEMENT 5: ACADEMIC FACILITIES

Introduction

The 2005-2015 CMP update proposes the accommodation of four USFSP academic facilities totaling 230,000 GSF over a ten-year planning period. The Development Agreement with the City of St. Petersburg authorized 793,000 GSF of academic facilities through 2010-2011.

The program of academic facilities reflect the need to accommodate a projected growth in full-time equivalent (FTE) student enrollment to 1,835 FTE students and a headcount of 6,893 students for the Fall Semester of 2020.

The following is a summary of major action items proposed in the 2005-2015 master plan update:

1. The academic facilities proposed in this update total 230,000 GSF and include the following:
 - Science and Technology/General Academic Building (40,000 GSF), Completed
 - Classroom/ Office Building (70,000 GSF),
 - Future Academic/ Research Building (CRI Expansion) (50,000 GSF),
 - Dali Museum Building acquisition (30,000 GSF) and expansion (40,000 GSF).

The “Future Academic / Research Building” was not programmed by the time the 2005-2015 update was produced. It is included in the space projection through 2015 to ensure academic capacity for the projected enrollment.

The 2010 legislative session authorized the proposed Multi-purpose Student Center (see Element 6) and will begin construction on the site just west of Harborwalk in March, 2011.

The USFSP plan was amended in 1998 to incorporate a proposed new Pediatrics Research Center (50,000 gross square feet) and the Florida Center for Teachers (20,000 gross square feet), both now complete and occupied. The Amendment also subtracted a 15,000 gross square foot Daycare Center, and 67,000 gross square feet of Academic/ Faculty office space from the 1995 plan. The offsetting areas of the additions and subtractions to the 1995 plan did not require an amendment. An outparcel, the Bayboro Tower, had been earmarked for acquisition in the 1995 plan and was excluded as part of the Amendment. Recently, the Bayboro Tower was converted to condos and it is now assumed that USFSP will not acquire this property in the long-term.

Goal Statement (2005-2015)

The Academic Facilities goal of the USFSP campus master plan is to maintain a compact and coherent academic core zone readily linked with the academic and research functions of the affiliated institutions and agencies and provide academic facilities required to meet the needs of the projected student enrollment.

Implementation of Objectives & Policies

The Board of Governors has only partially completed its efforts to reassess the formulas for the calculation of university space. The rest of the academic facilities Objectives and Policies will be implemented based on enrollment growth rate and funding availability.

Completed Items

- Policy 5.1.1 – Only the Science Technology/General Academic Building has been completed.
- Objective 5.3 – Future sites for academic facilities have been identified in or adjacent to the academic core area.

Incomplete Items

- Objective 5.1 – Facilities yet to be completed are the Classroom/Office Building (anticipated to be the College of Business facility), Future Academic/Research Building (an expansion of the CRI building) and the acquisition of the Dali Museum Building (scheduled to be acquired in January, 2011)
- Unknowns
- Policy 5.4.1 - It is unknown whether or not academic space formulas will change in the near future. The Board of Governors is studying the issue but to date has not made any change.
- Unclear as to which property acquisitions should continue to be listed.

Recommended Action

- Methods for calculating space projections continue to be based on the Form B issued by the BOG but USFSP should continue to request an adjustment in the formula that is reflective of the unique circumstances for this university.
- The university should reassess the property acquisitions regarding future need.

Areas of Concern

The academic requirements for a four-year undergraduate program vary from those discussed in the 1995 plan. The most significant variable is the utilization of existing space. Classrooms are currently used heavily for both daytime and evening classes from Monday through Thursday but minimally on Friday and nothing on Saturday. Due to the current sagging economy, state funding for educational facilities has significantly been curtailed. It is very likely that before any funds for new facilities will be considered by the BOG, the space utilization factor will have to show a significant increase.

Fundamentally, it should be noted that the academic and support program will continue to occupy the compact, core-oriented arrangement as reflected in the current plan, taking advantage of the proximities and “collegial scale” inherent in the USFSP campus. However, the new program could result in the need to test new sites for academic and support facilities, in particular, housing and the College of Business building.

ELEMENT 6: SUPPORT FACILITIES

Introduction

The compact scale and layout of the USFSP campus allows proposed support facilities to be located at the edge of the academic core while still being in close proximity to the heart of the campus.

The following is a summary of action items proposed in the 2005-2015 master plan update:

1. The master plan update proposed a program of support facilities totaling 119,000 GSF and includes the following:
 - Support Services Building (15,000 GSF),
 - Chiller Plant Expansion (1,880 GSF) Completed
 - Campus Activity Center Expansion (15,000 GSF) (Proposed for 2011)
 - Multi-Purpose Student Center (89,000 GSF-Includes Student Housing for 196 beds) (Proposed for 2011).
2. Phase One of the parking structure called for in the 2000-2004 plan update (located on Third Street South between Fifth and Sixth Avenues) is now complete and in operation. Garage capacity is 1,160 cars and includes space for Campus Police, the Bookstore, and an additional tenant space of approximately 2,000 SF. The Police and Bookstore facilities are in operation and the USF Federal Credit Union plus one additional tenant occupies the tenant space.

Goal Statement

The Support Facilities goal of the USFSP plan is to provide a full complement of support functions in close proximity but peripheral to the academic core.

Implementation of Objectives & Policies

While some of the Support Facilities Objectives and Policies have been implemented, the expansion of the Campus Activity Center has not been completed but is projected to begin construction in 2011. The Multi-Purpose Student Center will now include Student Housing as part of the initial project and is projected to begin construction in 2011.

Completed Items

- Policy 6.2.1 – The Chiller Plant has been expanded at its current location and will not be relocated.

Incomplete Items

- Policy 6.1.1 – The Multi-purpose Student Center, to be located on Sixth Avenue South between Second and Third Streets South has not yet begun construction but is scheduled to begin in March of 2011. It was approved during the 2010 legislative session, and by the governor. The first phase nearest Harborwalk will include food service, conference facilities and 196 beds of student housing.

- The Campus Activity Center expansion will now include a new Health Clinic and all the Student Government and Student Activities offices.
- The Support Services Building has no immediate schedule to proceed.

Recommended Action

- The University should continue to look for alternative means of funding some of the support facilities recommended. The site for the Support Services Building should be reassessed as well as its program of services to be included.

Areas of Concern

No areas of concern were identified in this review.

ELEMENT 7: HOUSING

Introduction

Student housing represents a significant initiative by USFSP to accommodate those students most desirous of a complete university experience as well as those out of town students requiring safe and secure housing in close proximity to the campus. The *Comprehensive Study of the Residence Life Program/Housing System* by Brailsford & Dunlavy was commissioned by the University in 2001. Based on that study, 800 to 846 student beds were proposed. Future housing sites were identified in the 2000-2004 update north and east of the Campus Activity Center and, if needed as an option, on the Recreation Field located on Fifth Avenue.

In July 2004, the *Facility Program for a Student Residential Facility* was submitted to the USFSP Campus Board and the USF Board of Trustees. The first phase of housing, which included 354 beds, was completed and opened for occupancy in the Fall of 2006; during the 2006-2007 academic year, it was approximately two-thirds occupied¹. This residence hall project primarily consisted of 4-person apartments with double occupancy bedrooms and 4-person apartments with single occupancy bedrooms.

The current target for student housing is based on approximately 13% of the student headcount.

The housing program was originally as follows²:

▪ Phase I (354 beds)	125,500 GSF
▪ Phase II (163 beds)	53,000 GSF
▪ Phase III (311 beds)	101,000 GSF
	279,500 GSF

A total of 850 beds would ultimately be constructed on the three-phase housing site to the north and east of the Campus Activity Center building. Phase II is to be located within the new Multi-Purpose Student Center. Phase III and IV housing is intended for the northeast and southeast corners of the same block as Phase I and the Campus Activity Center.

Since the completion of the housing study in 2001, two additional phases (phases V and VI) have been considered for student housing should future enrollment growth require it. Each phase could provide the addition of 300 beds or 600 beds total.

Goal Statement

The Housing goal of the St. Petersburg campus plan is to provide housing for 850 students during the planning timeframe.

¹ Source: USFSP, November 2006

² Source: USFSP, June 2004

Source: USFSP, June 2010

Goal Statement (2010-2020)

The Housing goal of the USFSP campus master plan is to provide housing for 13 percent of student headcount projected for the planning timeframe.

Implementation of Objectives and Policies

Housing Phase I, named "Residence Hall One," was completed in the Fall of 2006 containing 95 apartments within a seven story structure. Phase 2 has been revised to become part of the proposed Multi-Purpose Student Center and consist of 196 beds in a 6 story structure. The previous sites for phases 2 and 3 will become phases 3 and 4 and must be reviewed for potential bed capacities based on revised unit types that are likely for the future based on demand and the economy.³

Future long range phases designated for the Recreation site (originally Phases 4 and 5) will likely be held in abeyance until after the additional phases that have been designed into the Student Center have been completed. The decision to build more housing northeast of the Campus Activity Center might entail the purchase of the Print Shop property.⁴

Completed Items

- Policy 7.1.1 – As of this plan update, USFSP has provided a total of 354 beds and expects to have an additional 196 beds after the completion of the Multi-Purpose Student Center.⁵
- Policy 7.2.1 – Support facilities that have been completed include recreational basketball and volleyball courts, Chik-Fil-A restaurant, waterfront docks expansion and designated parking.
- Policy 7.2.2 – Outdoor spaces for social activities and compatible with the City of St. Petersburg context include the construction of Harborwalk, the esplanade along the waterfront and the courtyard between the Science Technology building and the Tavern at Bayboro.

Incomplete Items

(None)

Unknowns

- Housing Goal is based on the projected headcount, which was calculated in Data and Analysis Section 7. USFSP wishes to provide housing for thirteen percent of the projected headcount, which for the 2020-21 academic year will be 896 beds. This is more than the number of beds provided in the original Phases I to III. Headcount projections need to be confirmed by USFSP and additional housing phases need to be considered more closely.

³ Source: www.stpt.usf.edu/housing/overview.htm accessed 11/14/05 and USFSP, November 2006

⁴ Source: USFSP, August 2005

⁵ Source: USFSP Facility Program for Student Residential Facility, July 2004.

http://www.stpt.usf.edu/adminservices/documents/Housing_Program_Revised.pdf Accessed: March 14, 2007

Recommended Action

- It is recommended that future housing types and the potential number of beds that can be provided on the designated sites for future housing phases be identified during the planning period.

Areas of Concern

No areas of concern were identified in this review.

ELEMENT 8: RECREATION AND OPEN SPACE

Introduction

The master plan framework for the USFSP campus is structured around a system of interconnected formal and recreational open space corridors. The open space system is designed to strengthen and distinguish the campus as a part of the City of St. Petersburg's urban fabric by enhancing visual continuity between the campus, the waterfront, and the surrounding street grid. The open space system establishes a clear spatial order in which to locate future campus buildings. The plan proposes that the character of the campus open space reinforce the nature of the urban setting.

The following is a summary of major action items proposed in the 2005-2015 master plan update:

1. The Central Lawn and East/West Promenade
2. The Bayboro Waterfront Park
3. The Recreation Field at Fifth Avenue South and Fourth Street South

Goal Statement (2000-2004)

The Recreation and Open Space goal of the USFSP plan is to ensure the provision of adequate and accessible recreation facilities and open space to meet the future needs of the University.

Implementation of Objectives and Policies

The University has been able to provide a significant portion of the Open Space recommended in the 1995 Campus Master Plan, however there are several outstanding Objectives and Policies that have not been implemented. USFSP has been able to implement a private donor program to fund landscape and recreation improvements and maintenance for only a small portion of the Recreation and Open Space objectives. Lack of funding as well as difficulties with coordinating street closures and other approvals have delayed some of the major open spaces recommended in the 1995 Master Plan from being implemented until recently when the State University System prioritized infrastructure funding. Some initial open spaces have now been created.

Completed Items

- Objective 8.1 – Two basketball and two volleyball courts have been completed. The recreation courts are located on the southeast corner of Third Street South and Sixth Avenue South, two blocks from Residence Hall One and in close proximity to the proposed Multi-Purpose Student Center
- Policy 8.1.1 – Private donor programs have been utilized to generate funds for campus improvements including the sale of decorative concrete pavers and naming opportunities in return for identified donation amounts.
- Policy 8.1.2 –USFSP constructed the recreational courts to improve the facilities offered to students, particularly those in residence.
- Policy 8.1.3 – Harborwalk has been completed on Second Street South and on Seventh Avenue South east of Second Street. Planning is underway to implement the western portion of Harborwalk on Seventh Avenue South. A landscaped courtyard has also been completed as part of the Science Technology/General Academic Facility adjacent to the Tavern at Bayboro.
- Policy 8.1.4 – Harborwalk was split into two phases in order to secure funding and provide donor naming opportunities.

- Policy 8.3.1 – USFSP, through the Development Agreement, has coordinated with the City of St. Petersburg to implement on-campus recreation facilities and open space to ensure continuity of such facilities within the larger regional open space system.
- Policy 8.3.3 – The City has completed planned improvements to Bartlett Park which include landscaping, picnic tables, lighting, crosswalks, intersection improvements and two new lighted football/soccer fields.

Incomplete Items

- Policy 8.3.3 – USFSP has yet to begin discussions with FWC regarding the redevelopment of the FWC site in order to extend the open space system onto the parcel of land on the northwestern corner of the peninsula and to maintain communications with the City regarding possible development.

Unknowns

No Unknowns at this time

Recommended Action

- Planning and funding for the campus should be reviewed in the Master Plan Update to establish its potential for continued success.
- The Private donor program has been started but should be strengthened to reach open space goals more quickly. Options for naming of recreation and open spaces should be aggressively pursued.
- Improvements to Poynter Park should be incorporated into this Master Plan Update that will provide a better link to the old Dali Museum property.

Areas of Concern

Complete the land transfers or agreements with abutting landowners for the use of the property that reverted to them following any street vacations.

ELEMENT 9: GENERAL INFRASTRUCTURE

Stormwater Management Sub-Element

On the whole, the University is in compliance or in the process of complying with, goals and objectives of the stormwater element policies contained in the 1995 Campus Master Plan. A total of twelve detention ponds are currently serving the campus. The existing municipal stormwater sewer system that is serving the Campus is functioning satisfactorily.

The City of St. Petersburg performed a comprehensive study of their entire stormwater management conveyance system in 1994. The level of service standards established in the Campus Development Agreement are appropriate for designing future stormwater management systems on Campus.

The proposed campus master plan creates a series of plazas and open spaces through the closure of several streets and rights-of-way. The master plan does not specifically illustrate any aboveground stormwater facilities. There are 12 existing drainage basins within the campus boundaries. These drainage basins connect to detention ponds which have overflow outfall to Bayboro Harbor directly and indirectly via two existing box culverts through the campus. Discharge from these drainage basins will not have adverse impacts on downstream conveyance systems.

(See Figure 9-a.)

Goal Statement (2005-2015)

The Stormwater Management goal for the USFSP campus plan is to provide an adequate stormwater management system that accommodates future University stormwater needs while correcting any existing facility deficiencies.

Implementation of Objectives and Policies

Recent changes to the campus stormwater management system were necessary to accommodate the construction of Harborwalk, the Science Technology/General Academic Facility and the proposed Multi-Purpose Student Center which will begin construction in 2011. The impact of these projects has resulted in the construction of a new wet retention pond located just north of the Poynter Library and a shallow piping system that serves Harborwalk. This work was made possible by the recent infrastructure funding from the State, which has recently made such funding a priority for all state universities.

Completed Items

- Objective 9.1 – All recent modifications to the stormwater system have been done in conformance with the master plan and have avoided future building sites and maintained all piping in utility corridors.
- Policy 9.1.3 – USFSP has coordinated the system modifications and expansion with the City of St. Petersburg to confirm the avoidance of underground utility conflicts and has initiated utility easements to the City where street vacations have been implemented.
- Objective 9.2 – System improvements have been sized to accommodate future projects as reflected in the master plan and the latest SWFWMD and City requirements
- Policy 9.3.4 – USFSP has implemented the use of environmentally safe products in all maintenance activities.

Incomplete Items

- Policy 9.2.4 – The City no longer permits a stormwater treatment credit program and requires all stormwater generated within each basin to be treated on site or piped to another site where it will be treated.

Unknowns

- Policy 9.3.4 – Not known if the grounds superintendents and staff have pursued licensing to use restricted pesticides.
- Policy 9.3.7 – Not known if an engineering study has been done recently to assess all aspects of the USFSP stormwater management system.

Recommended Action

- The University should request that the City of St. Petersburg provide information and notification of construction of the proposed 10-ft by 6-ft and two 7-ft by 6-ft culverts along Third Street.
- At the appropriate time, the University should relocate the existing 15-inch RCP located beneath the site north of the library (Soon to become the new wet pond).
- A physical inspection and survey of the storm sewer system in Basin B-12 (peninsula area) should be conducted to determine the actual physical condition of the facilities and to complete the mapping of the facilities.
- Studies, Standards Manuals and Development Agreements initiated since the 1995 Master Plan should be incorporated into the Master Plan as part of the Data and Analysis update.

Areas of Concern

It appears that all buildings that are proposed to be constructed during the current ten year program can be easily connected to the City's and the University's stormwater system. In at least one instance however, it will be necessary to modify or re-design an existing detention pond to accommodate the expansion of the existing parking structure at Third Street South and Sixth Avenue South.

Potable and Reclaimed Water Sub-Element

The City of St. Petersburg provides potable water to the campus. This network of distribution lines within the City rights-of-way contain a 12-inch line along Sixth Avenue South and a 6-inch line in the extension of Seventh Avenue South. The rest of the site is serviced by a network of 8-inch and 6-inch distribution lines. The City has indicated through its adopted comprehensive land use plan and interview meetings that the potable water system serving the University has the capacity to continue to serve the future needs. The 2005-2015 master plan update identifies an expansion of 368,280 square feet for the campus.

By utilizing the Potable Water Master Plan for the Tampa campus as a basis, it can be estimated that the academic expansion and support facilities including student housing will require an additional 92 gallons per minute (GPM). This additional demand is based upon an average minimum of 0.25 GPM per 1,000 gross square feet of building area. This master plan update effectively uses the existing potable water network.

In addition, the City has a reclaimed water system available to the University for irrigation. A 24-inch reclaimed water line is located at Sixth Avenue South. A 30-inch reclaimed water line extends along First Street South to the Port of St. Petersburg.

(See Figure 9-b.)

Goal Statement (2005-2015)

The Potable Water goal for the USFSP campus plan is to provide an adequate potable water system that accommodates the future University potable water needs while correcting any existing facility deficiencies.

Implementation of Objectives and Policies

The potable water service is provided to USFSP by the City through a Development Agreement that was renegotiated in 2005 and remains in force until the end of the 2011 calendar year. This agreement provides the basis for the levels of service for all City services to the university including potable water.

Completed Items

- Objective 9.6 – A water conservation program has been implemented through the use of water saving fixtures using motion sensed valves. All irrigation on campus uses the city reclaimed water system.

Incomplete Items

- Policy 9.6.3 – Sub-metering of water has not been implemented nor has rain sensitive irrigation control systems been installed.

Unknowns

- Policy 9.8.2 – Not sure if any transite pipe was used for potable water service or if so whether it has been replaced on campus.

Recommended Action

- Continue implementation of Objectives and Policies.

Areas of Concern

No areas of concern were identified in this review.

Sanitary Sewer Sub-Element

Bisecting the campus in an alley between Sixth and Seventh Avenues South is a 48-inch sanitary sewer force main running in an east-west direction. Two 48-inch force mains expand to 60 inches as they run to the east and terminate at the City of St. Petersburg's Wastewater Treatment/Reclaimed Water Facility located east of the Coast Guard Station. The 48-inch main extends westerly to a manhole mid-block between Fourth and Third Streets South where it connects to the 48-inch main from the south and an 8-inch main from the west. The balance of the system on campus includes 6-inch, 8-inch and 12-inch collectors. This system is maintained and operated by the City of St. Petersburg.

An average daily flow factor of 0.25 gallons per minute (GPM) per 1,000 gross square feet of building area can be anticipated for non-residential uses. Using this factor for future sanitary sewer demand (including 243,750 SF of student housing), this would generate an additional 122 GPM based on planned expansion. There are a number of minor utility conflicts identified in the master plan. They include the proposed expansion of the Campus Activity Center crossing the alley to the north and the Multi-Purpose Student Center that crosses the existing 8-inch main that runs north-south just west of Harborwalk.

(See Figure 9-c.)

Goal Statement (2005-2015)

The Sanitary Sewer goal for the USFSP campus plan is to provide an adequate sanitary sewer system that accommodates the future University sanitary sewer needs while correcting any existing facility deficiencies.

Implementation of Objectives and Policies

The sanitary sewer service is provided to USFSP by the City through a Development Agreement that was renegotiated in 2005 and remains in force until the end of the 2011 calendar year. This agreement provides the basis for the levels of service for all City services to the university including sanitary sewer.

Completed Items

- Policy 9.9.1 – USFSP reviews with the City any modifications to the sanitary sewer system that may be required by the Campus Master Plan prior to implementation
- Policy 9.9.2 – A collapsed 8-inch line was replaced by USFSP in the alley south of RHO to serve that facility as well as future phases of student housing.
- Objective 9.10 – A conflict with an 8-inch line and the construction of the Parking Structure was resolved with the City prior to the start of construction and the line was relocated by the University.
- Policy 9.12.2 – USFSP has implemented a number of sewage generation reduction techniques including the installation of automatic flush valves, low volume plumbing fixtures, and improved maintenance programs.

Incomplete Items

- No identified objectives or policies are incomplete at this time.

Unknowns

- Policy 9.9.3 - Not known if a study has been undertaken to determine if “transite” pipe is currently in use.

Recommended Action

- USFSP shall continue to improve maintenance of the water and sanitary systems and adhere to the objectives and policies in this Element.
- The Master Plan should reflect that service is being provided by the City, and as such, requirements for maintenance and repairs should be delineated to show the responsibilities of the City and those of the University.

Areas of Concern

No areas of concern were identified in this review.

Solid Waste Sub-Element

The City of St. Petersburg is responsible for the collection of solid waste on the USFSP campus. The burnable waste is transported to the Pinellas County Refuse to Energy Incinerator located in Pinellas Park. The non-burnable, non recyclable, solid waste is transported to the Pinellas County landfill. The City of St. Petersburg currently has a mandated ten percent recycling program of all solid wastes.

The USFSP campus generates approximately 8,580 cubic yards of solid waste annually or 0.0146 cubic yards per square foot. By using this factor, it can be estimated that an additional 7,088 cubic yards of solid waste will be generated annually by the master plan.

Utilization of the urban geometric grid pattern for the master plan establishes convenient service corridors to the buildings. By using existing alleys as service corridors along with the pedestrian plazas during off-peak hours, solid waste collection appears to be sufficient. Although specific solid waste collection locations have not been identified, the master plan does establish that service areas will be separated from major pedestrian and front door access points.

(See Figure 11-c in the Transportation Element)

Goal Statement (2005-2015)

The Solid Waste goal for the USFSP plan is to provide for future University solid waste collection and disposal requirements in a safe, cost effective, environmentally sound, and an aesthetically satisfactory manner.

Implementation of Objectives and Policies

The solid waste service is provided to USFSP by the City through a Development Agreement that was renegotiated in 2005 and remains in force until the end of the 2011 calendar year. This agreement provides the basis for the levels of service for all City services to the university including solid waste.

Completed Items

- Objective 9.15 – The primary solid waste collection location has been established on the alley just north of the Poynter Library. This will include a location at the proposed Multi-Purpose Student Center. Others have been identified at the RHO, Coquina Hall and on the Peninsula.

Incomplete Items

- Policy 9.15.2 – A unified screening program for solid waste collection locations and containers has not yet been implemented.

Unknowns

- Policy 9.16.2 – It is not known if USFSP is monitoring and recording the volume and type of hazardous waste being generated on campus to determine if a storage facility meeting the building code requirements for such storage might be required or recommended.

Recommended Action

- Complete formal implementation of Objectives and Policies through program development.

Areas of Concern

There are no areas of concern at this time.

ELEMENT 10: UTILITIES

Introduction

The plan update reflects the re-configuration of the existing chiller plant to accommodate the installation of two new 1,000 ton chillers and associated cooling towers, pumps, and increased electrical switchgear. The square footage of covered area of the building was not increased, however; an additional enclosed yard was developed to house the two new cooling towers. With the new 4,000 ton configuration, the plant will adequately accommodate the current anticipated future cooling load of the campus, and also provide a 100% firm capacity. This implies that if any one of the 1,000 ton chillers are out of service, the remaining equipment could provide adequate cooling for the campus.

Goal Statements (2005—2015)

Hot Water Sub-Element

To provide adequate heating to the facilities in the most cost efficient manner, providing for flexibility in the future growth of the campus.

Chilled Water Sub-Element

To provide adequate cooling to the facilities in the most cost efficient manner, providing for future growth of the campus.

Electrical Power and Other Fuels Sub-Element

To manage, maintain and expand existing utility and USFSP owned electrical power distribution system and existing utility owned natural gas distribution system to meet the needs of the University.

Telecommunications Sub-Element

To manage, maintain and expand the telecommunications infrastructure and equipment to meet the needs of the University.

Status of Goals, Objectives, and Policies

The following is a summary and update on the status of goals, objectives and policies proposed in the 2005-2015 master plan update.

Completed Items

- Policy 10.1.1 – The central hot water system has been abandoned and local gas-fired boilers have been installed at each building on campus previously served by the central system.
- Policy 10.2.1 – In lieu of relocating the chiller plant, it was decided that due to funding constraints the chiller plant would be expanded and reconfigured in its current location to satisfy the demands of this planning period. The long range goal beyond the 2010-2020 planning period is to expand and relocate the chilled water plant to a site at the southwest corner of First Street South and Sixth Avenue South.
- Policy 10.2.2 – The capacity of the chiller plant has been expanded to accommodate current and all future additions to the campus identified in this updated master plan. Chilled water mains have been installed south onto the peninsula to serve all existing and future Marine Science facilities.

- Policy 10.6.4 – USFSP has expanded all telecommunications services from Davis Hall to all university buildings on campus and to all affiliates on or around campus.
- Policy 10.6.5 – Interconnectivity of all buildings for voice and data is by fiber optic cabling only. Copper wiring is used only within each building for distribution.

Incomplete Items

- Policy 10.2.15 – Chilled water metering of each building to better manage the use of energy has not been completed.

Unknowns

- Policy 10.2.13 - It is not known whether procedures have been developed to perform non-destructive testing on existing underground piping in order to evaluate the condition of piping.

Recommended Action

- Element 10 – It is recommended that the Design Guidelines include acceptable strategies for sustainable design, or the “greening” of the campus and establish LEED Silver as a minimum standard for future building design. Add all buildings on campus to the Energy Management System.
- Policy 10.2.7 – It is recommended that in addition to establishing a standard for chilled water supply temperature that a standard also be established for the temperature differential between supply and return water and an acceptable building pressure drop be developed for all future projects.
- Policy 10.3.5 – Buildings served by the primary electrical loop should be individually metered for improved energy monitoring as well as those served by secondary services.
- Policy 10.6.9 – It is recommended a telecommunications infrastructure plan be developed which addresses high band width services to all campus locations.

Areas of Concern

No areas of concern were identified in this review.

ELEMENT 11: TRANSPORTATION
TRANSIT, CIRCULATION AND PARKING SUB-ELEMENT

Introduction

USFSP is located in an urban environment and is served by a network of city roads for vehicular circulation. Fourth Street South has been converted from one-way to two-way between Fifth Avenue South and Sixth Avenue South and there are plans to extend the two way traffic north to Fourth Avenue South. There are also plans to make Sixth Avenue South and Second Street South more pedestrian friendly by adding landscaped medians. Transit needs of the campus are served by Pinellas Suncoast Transit Authority (PSTA). There are no on-campus transit or shuttle services for the campus.

Consistent with previous Master Plans, an existing and future (2020-21) trip analysis was performed for roadways and intersections within the context area. Based on discussions with the city the context area was demarcated by Fourth Avenue South to the north and Fourth Street South to the west of the campus. Existing roadway analysis based on the city's level of service criteria revealed that all the intersections and roadways within the context area are operating at or better than the standard level of service D. Future trip generation was calculated based on forecasted increase in enrollment and the area's background growth rate. Increase in trips per day due to increased enrollment is expected to be 10,974 based on an FTE of 4,611 by 2020-21. All context area roadways and intersections are expected to operate at acceptable level of service in the future as well.

A brief safety analysis at the context area intersections revealed that with the exception of the intersection at Fourth Street South and Sixth Avenue South, none of the other intersections seem to have any safety issues. The intersection at Fourth Street South and Sixth Avenue South experienced a number of crashes which is significant relative to the other intersections. Also, this intersection has been impacted with the conversion of Fourth Street South from one-way to two-way traffic. Therefore, the intersection of Fourth Street South and Sixth Avenue South needs to be monitored in the future.

USFSP continues to make efforts to be self-sufficient in meeting its parking requirements and to reduce the parking demand. There is a new parking structure on campus for 1160 cars with scope for further expansion of 340 cars. Also, there are plans to expand on-campus housing based on current demand.

Goal Statement (2005-2015)

The Transit, Circulation and Parking goal of the USFSP campus plan is to provide adequate vehicular/transit access to the campus within the urban street grid and provide adequate parking on or adjacent to the campus.

Implementation of Objectives and Policies

The following is a summary and update on the status of goals, objectives and policies proposed in the 2005-2015 master plan update.

Completed Items

- Objective 11.2 - All context area roadway segments and intersections operate at or better than the city's LOS standard of D and are expected to do so in future (2020-21) as well.

- Objective 11.3 and Objective 11.6 – The existing parking structure along with the available surface lots will provide for all the required parking for at least the next five years. The parking structure site has room for further expansion to provide an additional 340 cars when required. Therefore parking opportunities off-campus with the affiliates or the neighbors is not necessary at this time.
- Objective 11.4 and Objective 11.6 – At this time, PSTA and the City are working on the Bus Rapid Transit (BRT) system with potentially two stops to be constructed on campus at the intersection of Second Street South and Sixth Avenue South.
- Objective 11.4 – Phases II, III and IV of the student housing at the Multi-Purpose Student Center and on the Campus Activity Center block is expected to add 796 beds, depending on demand. Phases V and VI which is expected to add around 300 beds each depending on demand will be considered at the recreation field site.
- Policy 11.8.1 – Design guidelines and signage for traffic circulation to and within the parking structure have been established.

Incomplete Items

- Objective 11.3 – There are no plans for the off-campus park and ride program at this time.
- Policy 11.7.2 – An informal agreement with the City has been struck to delete the parking meters on Sixth Avenue South to allow for the development of medians. USFSP is in discussions with the City to develop a pedestrian walk and delete the parking meters on Second Street South. These meters will be removed when the medians and pedestrian walk are implemented.

Unknowns

- Objective 11.7 – Reassess parking pricing and policies.

Recommended Action

- USFSP shall continue to use distance learning techniques to reduce the need to travel to the campus.
- Evaluate academic classroom schedules to encourage more classes to be scheduled in off-peak hours, thus reducing parking demands.
- Continue to encourage mass transit and alternate modes of transportation to and from the campus.

Areas of Concern

No areas of concern were identified in this update.

PEDESTRIAN AND NON-VEHICULAR CIRCULATION SUB-ELEMENT

Introduction

The pedestrian and non-vehicular circulation system for the USFSP campus is an extension and enhancement of the city systems. The plan maintains the city street and block grid as the spatial framework of the campus. The sidewalk lines of adjacent city blocks extend into the campus, varying from the alignment of the adjacent city walks only where they enter Harborwalk in the heart of the campus.

The plan seeks to establish a pedestrian-dominated campus environment and to minimize pedestrian-vehicular conflicts and the impact of vehicles in general on campus.

The following is a summary of action items proposed in the 2005-2015 master plan update:

1. Creation of Harborwalk, the primary campus organizing element and pedestrian corridor replacing Second Street South and Seventh Avenue South in the heart of the academic core.
2. Pedestrian Network within Harborwalk
3. Covered arcades along the ground level of those buildings fronting on Harborwalk
4. Better pedestrian access along the Bayboro Harbor Frontage: a pedestrian esplanade extending east from Poynter Park along the shore edge of campus.
5. Upgraded Landscaped Open Space for Pedestrians and Occupants of Facilities on the Peninsula
6. Off-campus Connections and Extensions of Pedestrian Routes. These include:
 - a. Second Street extending north to Downtown
 - b. Between the Campus Activity Center and Bayfront Medical Center
 - c. Along Harborwalk and Sixth Avenue South extending west to All Children's Hospital and Bayfront Medical Center
 - d. The route along Third Street South from Eleventh Avenue South extending north to Poynter Park, then east along the campus waterfront to First Street South, then north to Progress Energy Performing Arts Center and continuing north along the waterfront as a major pedestrian route (as identified by the Bayboro Harbor Redevelopment Plan)
 - e. Connections from the campus southward along the waterfront, providing a pedestrian link to the current location of the Business School.
 - f. Connections from the campus southwest to Woodbrook and Roser Parks via Booker Creek to Bartlett Park via Salt Creek and southeast to Lassing Park as proposed in the Roser Neighborhood Park Plan and the Bayboro Harbor Plan.
 - g. Connections along the waterfront south to the Dali Museum. USFSP plans to acquire the museum building with the intent to relocate the Business School.
 - h. New entry features at pedestrian gateways on Second Street, Sixth Avenue, First Street, and Third Street. The features will frame the walkways using brick pilasters, bougainvillea, and trellis elements.

Goal Statement (2005-2015)

The Pedestrian and Non-Vehicular Circulation goal of the USFSP campus plan is to upgrade the pedestrian and non-vehicular aspects of the urban street grid on the campus to ensure a safe and unified system for pedestrian and non-vehicular movement.

Implementation of Objectives and Policies

The following is a summary and update on the status of goals, objectives and policies proposed in the 2005-2015 master plan update.

Overall, many improvements have been made to-date, such as Harborwalk and the Esplanade, however, USFSP has several projects that are designed but not yet implemented that will improve the pedestrian experience by establishing a sense of arrival or by calming traffic. Center medians will be added to Sixth Avenue South along with bike lanes and the removal of parking meters, with the City's cooperation. This street will not be reduced in width, however, Second Street South will. The addition of the 7-level parking garage allows the University to remove some of the parking spaces interior to the campus and thereby allow fewer vehicles near the core of the campus where pedestrians will be prioritized.

Completed Items

- Objective 11.9 – The Esplanade, a pedestrian connection along the campus waterfront between Poynter Park and the Haney Sailing Center to the east, has been completed.
- Policy 11.9.1 - Harborwalk has been completed along Second Street South and Seventh Avenue South providing the major pedestrian link and bicycle access between the academic core and the city streets within and surrounding the campus.
- Policy 11.10.3 – USFSP has constructed pedestrian arcades along the facades of buildings fronting Harborwalk including the new Science Technology/General Academic building and the proposed Multi-Purpose Student Center, Policy 11.10.4 – New bicycle storage racks have been constructed around campus to facilitate bicycle commuters.
- Policy 11.10.7 – Blue light emergency phones have been installed at strategic locations throughout campus following an overall campus plan.
- Objective 11.11 – Additional lighting in response to the USFSP police and the City of St. Petersburg police recommendations has been installed on new buildings and on Harborwalk.

Incomplete Items

- Policy 11.9.2 – USFSP has begun a dialogue with the City of St. Petersburg to connect a recreational bicycle trail from the intersection of Eleventh Avenue South and Third Street South through the campus to the intersection of First Street South and Fifth Avenue South where it continues to downtown.
- Policy 11.12.1 – USFSP has included bike lanes Sixth Avenue South as part of the design for the median development project on this street. This project has not yet been implemented.
- Policy 11.12.3 –USFSP has negotiated with the City to add traffic medians on Sixth Avenue South from First to Fourth Streets South; these streets will remain open as public rights-of-way. USFSP continues to negotiate with the City for the closure of Second Street South between Fifth and Sixth Avenues South.

Unknowns

- Policy 11.10.1 – It is not known whether or not USFSP police have observed and recorded actual pedestrian flow biannually to assess any changes in pedestrian and non-vehicular movement patterns.
- Policy 11.10.4 – It is not known whether bicycle storage and shower facilities will be included in the plans for Phase Two of the parking structure.

Recommended Action

- Implement the Sixth Avenue South median development project as soon as possible to improve pedestrian and bicycle safety.
- Efforts should be made to accomplish any pedestrian and bicycle improvements that can provide separation from vehicular requirements.
- More coordination with USFSP Police is advisable in an effort to keep up-to-date records on pedestrian and bicycle patterns and needs on-campus and directly off-campus. The relationship between University Police and the administration should be more formalized so that the University Police can function more as safety consultants as projects are being implemented.

Areas of Concern

No areas of concern were identified in this review.

ELEMENT 12: INTERGOVERNMENTAL COORDINATION

Introduction

USFSP has historically enjoyed a close working relationship with the City of St. Petersburg and other governmental entities due to its strategic role in the City's economy and its collaborative functional linkages with other area institutions and agencies. The University has complied with coordination requirements in the effectuation of the Campus Development Agreement and will continue to pursue policies set forth in the 2005-2015 plan update for continuing intergovernmental coordination.

Goal Statement (2005-2015)

To achieve the goals, objectives and policies of the campus master plan through the use of joint processes for collaborative planning, decision making, and coordinating growth and development with local agencies and governmental entities.

Implementation of Objectives and Policies

The following is a summary and update on the status of goals, objectives and policies proposed in the 2005-2015 master plan update:

There are no substantive changes to be made to this element regarding the coordination processes, however, the City of St. Petersburg has updated their Land Use Plan and most of the city's departmental designations which are listed on pages 12-1 and 12-2 of the Data and Analysis section. This master plan update does not exceed any thresholds as established in s.s.1013.30 F.S. and therefore no amendment to the USFSP Campus Master Plan is required.

Completed Items

- Policy 12.2.4 – Upon notification from the City that the proposed expansion of the recreational docks would be located on the City's submerged land, USFSP coordinated corrective measures with the City resulting in a licensing agreement until March 31, 2015 with the University to accommodate the expansion.
- Policy 12.3.4 - USFSP has vacated many streets and alleys on campus in cooperation with the City through the vacation process and in conformance with the Campus Master Plan.

Incomplete Items.

- Policy 12.2.7 – The Development Agreement originally executed in 2005 and is due to expire December 31, 2011 and therefore must be renegotiated with the City of St. Petersburg before it expires at the end of 2011.

Unknowns

There are no unknowns identified in this review.

Recommended Action

- It is recommended that the 2010-2020 master plan update be shared with the City of St. Petersburg prior to final approval and in accordance with the Development Agreement.

Areas of Concern

No areas of concern were identified in this review.

ELEMENT 13: CONSERVATION

Introduction

The USFSP campus is located along Bayboro Harbor which is designated as an Outstanding Florida Water and also recognized as a Manatee habitat area. This designation will require that stormwater treatment be provided at a volume of at least 50 percent more than what is required for standard retention areas. In addition, given the fact that Bayboro Harbor is identified as an Outstanding Florida Water, it is classified as a conservation area requiring a management and monitoring plan.

Goal Statement (2005-2015)

The Conservation goal of the USFSP campus master plan is to be a model for conservation policies to improve the environment and improve air, water and open space quality in the vicinity of the campus including Bayboro Harbor.

Implementation of Policies and Objectives

The University has implemented the majority of the policies stated in the USFSP campus master plan and continues to monitor and adhere to these directives as the master plan is implemented.

Recommended Action

It is recommended that Policies and Objectives be added as necessary to interface with the LEED criteria regarding site and building development as defined in Element 15 – Architectural Design Guidelines.

Areas of Concern

- Policy 13.7.1 – Tighten the procedures that govern the monitoring, collection and disposal of hazardous and chemical waste from the Colleges of Marine Science, Health Science and Arts and Science.

ELEMENT 14: CAPITAL IMPROVEMENTS

Introduction

The University has accomplished a significant number of projects recommended in the 1995 Master Plan, and others are programmed in the Capital Improvement Plan.

Goal Statement (2005-2015)

Provide educational and support facilities to all enrolled students in a manner that protects the investment and maximizes the use of existing facilities and promotes orderly, planned campus development.

Implementation of Objectives and Policies

All of the Objectives and the Policies have been implemented and are ongoing as the process by which the Capital Improvements Plan is annually evaluated, modified and approved for submittal to the Board of Governors except for the following incomplete items.

Incomplete Items

- Policy 14.3.1 – Provisions in this policy should factor in the period of time from when the facilities are required to when the funding might be available in order to effectively project an accurate cost for the facilities including inflation over this time period.

- Policy 14.3.3 - The University has only been able to partially implement its policy of replacement and renewal of capital facilities as needed due to severe cost constraints during this economic downturn.

Recommended Action

- Identify areas in most urgent need of repair or replacement and prioritize them accordingly.

Areas of Concern

No areas of concern were identified in this review.

ELEMENT 15: ARCHITECTURAL DESIGN GUIDELINES

Introduction

The master plan update seeks to establish a framework that will guide and structure open space systems, visual linkages, movement patterns, appropriate building placement and orientation and a logical distribution of land uses while respecting architectural treatment.

The following is a summary of items governed by the architectural design guidelines and standards proposed in the 2005-2015 master plan update:

1. Building Placement
2. Building Size and Mass
3. Climatic Response
4. Facades, Edges and Entries
 - Add a paragraph on Security at building entrances to include the use of card access or the latest approved access control technology plus security cameras at appropriate locations.
5. Exterior Wall Material and Color
6. Landmark Buildings
7. Parking Structures
8. Building Service
9. Sustainable Design
 - Add new guideline requiring all new construction to meet the US Green Building Council (USGBC) LEED Silver certification or the equivalent as a minimum.
10. Technical Performance
 - Add the requirement to adhere to the USF System's Design/Construction Guidelines.

Goal Statement (2005-2015)

The Architectural Design Guidelines goal of the USFSP campus plan is to create an architectural environment that reinforces and enhances the urban fabric where St. Petersburg meets Bayboro Harbor.

Goal Statement (2010-2020)

The Architectural Design Guidelines goal of the USFSP campus plan is to create an architectural environment that reinforces the urban fabric where St. Petersburg meets Bayboro Harbor and enhances it through the creation of a series of distinct campus open spaces designed to encourage and enhance interaction within the campus community.

Implementation of Objectives and Policies

The following is a summary and update on the status of goals, objectives and policies proposed in the 2005-2015 master plan update.

All Objectives and Policies are ongoing and are effective guidelines for controlling the development of the Master Plan.

Completed Items

- Objective 15.1. – Change the word “Establish” to “Implement”
- Objective 15.2. – Change the word “Establish” to “Implement”
- Objective 15.3. - Change the word “Establish” to “Implement”
- Policy 15.3.1. – Insert the following prior to the last sentence in this paragraph; The Campus Development Committee (CDC), administered by the Tampa Office of Facilities Planning and Construction and which shall include a USFSP representative from the Facilities Services Office, will review projects for conformance with land use as described in the current Campus Master Plan Update.
- Objective 15.4. - Change the word “Establish” to “Implement”

Recommended Action

- Continue improvements to achieve ADA accessibility.
- Link improvements to new and renovated building budgets.

ELEMENT 16: LANDSCAPE DESIGN GUIDELINES

Introduction

The campus plan prescribes an overall campus order based upon the continued grid organization of streets, walks, and buildings; and the establishment of an open space framework that reinforces this order and enriches the sensory and aesthetic environment for USFSP and City of St. Petersburg communities. Landscape guidelines provide a framework to guide the implementation of landscape improvements on campus in a way that encourages a forward thinking approach to each site, views local development within its larger campus-wide context and assures that each improvement contributes in a cumulative way to the realization of the envisioned long term campus plan.

The following is a summary of items governed by the landscape design guidelines and standards proposed in the 2005-2015 master plan update:

Landscape Guidelines for Design Intent shall make reference to the concepts of Sustainable Design in the context of landscape design and campus development.

1. Streets and Parking Lots
2. Campus Entries
3. Pedestrian Corridors
4. East-West Harborwalk
 - To be completed west of Second Street South and extended across Third Street South to Fourth Street South.
5. Harborwalk
6. Bayfront
 - The Esplanade shall be extended southward to the Dali Museum in concert with the enhancement of Poynter Park. (change DEP to FWC)
7. Marine Peninsula
8. Plant Materials
9. Fertilizing
 - Add new guideline regarding the use of fertilizers, pesticides and irrigation practices.
10. Paving
11. Furnishings
12. Lighting
 - Globe lighting along walkways has given way to acorn lights. Indirect reflective disc lighting fixtures have become the standard for all Harborwalk lighting.
13. Graphics (signage, wayfinding, etc.)
14. Drainage and Retention
 - Stormwater retention will not be provided within the Harborwalk areas but will be located in abutting areas to avoid conflicts with City and utility company services.

Goal Statement (2005-2015)

The Landscape Architectural Design Guidelines goal of the USFSP campus plan is to create a unified, interconnected spatial environment that blends with and complements the surrounding urban fabric.

Goal Statement (2010-2020)

The Landscape Design Guidelines goal of the USFSP campus plan is to create a landscaped environment that reinforces the urban fabric where St. Petersburg meets Bayboro Harbor and enhances it through the creation of a series of distinct campus open spaces designed to encourage and enhance interaction within the campus community.

Implementation of Objectives and Policies

The following is a summary and update on the status of goals, objectives and policies proposed in the 2005-2015 master plan update:

All Objectives and Policies are ongoing and are effective guidelines for controlling the landscape design and development of the Campus Master Plan.

Completed Items

- Objectives 16.1, 16.2, 16.4, 16.5, 16.6 - Change the word “Establish” to “Implement”
- Policy 16.2.2 – Change policy to where feasible and make reference to the state agencies that control the use, removal and disposal of non-native plants.
- Objective 16.3 – Future open space improvements shall adhere to the USFSP standards established in the Landscape Guidelines for Design Intent for the selection of furnishings lighting and graphics.
- Objective 16.6 – PECO infrastructure funding has been established as a priority for university CIP requests which, in addition to providing for the construction of utilities and site related services, can be used for landscape improvements.

Unknowns

There are no unknowns identified in this review.

Recommended Action

- Set aside an on-going fund from the annual Infrastructure funding for implementation, maintenance and replacement of landscape framework improvements.

Areas of Concern

No areas of concern were identified in this review.

ELEMENT 17: FACILITIES MAINTENANCE

Introduction

The Facilities Maintenance element addresses the goals and objectives that lead to the desired level of performance for the exteriors, interiors, and systems of buildings on the campus as well as the acceptable use and capacity for each facility. The policies in furtherance of the above objectives consist of establishing standards for review of existing systems, setting priorities for maintenance and improvement projects, continuing the scheduled maintenance program and program for elimination of deficiencies in conformance to current codes and standards, and establishing a review process for use and capacity of buildings.

(See Figure 17-a.)

Goal Statement (2005-2015)

To provide for properly functioning buildings that are readily maintainable.

Implementation of Objectives and Policies

The following is a summary and update on the status of goals, objectives and policies proposed in the 2005-2015 master plan update:

Completed Items

- Policy 17.1.1 – USFSP shall utilize and improve upon criteria that has been established in the USF System Design/Construction Guidelines, which are updated annually, as well as the SUS Cost Containment Guidelines.
- Policy 17.1.4 - “Green building concepts” have been implemented in the maintenance of all USFSP facilities.
- Policy 17.3.2 – Change the reference to the Annual CIP 1-5 to CIP 1-3 and delete the reference to 5MR and 5CO.

Incomplete Items

- Policy 17.1.3 – An automated on-line Facilities Audit Program has not been implemented.

Unknown

- While the newer buildings will likely meet the proposed standards, some of the older buildings may not and their potential for demolition or renovation should be considered.
- Policy 17.2.1 – Should the reference to “Operations & Maintenance of Facilities (OMF)” be changed to “Facilities Services”?

Recommended Action

- The University should automate the Facilities Audit so that accurate assessments can be made about building life spans to inform the capital funding process.

Areas of Concern

No areas of concern were identified in this review.

ELEMENT 18: COASTAL MANAGEMENT

Introduction

The campus is located within the existing urban grid network of downtown St. Petersburg. The southern boundary of the campus is the existing seawall edge of Bayboro Harbor. For ease of circulation and maneuvering, the peninsula portion of the campus has an existing impervious surface perimeter abutting the seawall. The academic portion of the campus abutting Bayboro Harbor is set back with an open space buffer extending from the peninsula west to City owned Poynter Park known as Harborside and the Esplanade. Enhanced utilization and expansion of this green space is proposed by extending it into the peninsula and terminating it with the extension of First Street South. This may not be possible due to the FWC renovated buildings and parking lot that exist at this location. Additional open spaces/plazas have been created on campus with the closure of the existing roadways such as Harborwalk.

Goal Statement (2000-2004):

The Coastal Management goal of the USFSP campus master plan is for campus development to enhance access and improve the environment of the Bayboro Harbor waterfront as well as strengthen emergency preparedness for the campus.

Implementation of Objectives and Policies:

USFSP has made significant improvements to the pedestrian access of Bayboro Harbor. The process of creating new campus greenways and plazas as well as formalized pedestrian access to the peninsula are on-going but dependent on available funding.

Completed Items

- Objective 18.2 – The USFSP Emergency Operations Manual has been developed which identifies appropriate actions to be taken in the event of an emergency, the personnel responsible to take action, the process to be followed and an evacuation plan if required.

Incomplete Items

- Policy 18.1.3 – USFSP has determined that due to its waterfront location no facilities on campus should be identified as public shelters.
- Policy 18.1.4 – Delete
- Policy 18.1.5 – Delete

Unknowns

No unknowns were identified in this review.

Recommended Action

USFSP should coordinate with the City regarding their future use of the Port of St. Petersburg facilities to better plan for future development and use of the peninsula.

Areas of Concern

No areas of concern were identified in this review.