

**Florida Agricultural and Mechanical University  
2015 – 2025 Campus Master Plan Update  
(Five Year Comprehensive)  
BR-352**

---

**Evaluation and Appraisal Report  
January 2018**

**Wood+Partners, Inc.  
1211 Miccosukee Road  
Tallahassee, Florida 32308  
(850) 391-0360**

Florida Agricultural and Mechanical University  
2015 – 2025 Campus Master Plan Update  
(Five Year Comprehensive)

Evaluation and Appraisal Report

**Table of Contents**

Introduction

- 1.0 Academic Mission of the University  
Accomplishments, Obstacles and Proposed Plan Amendments
- 2.0 Academic Program Element  
Accomplishments, Obstacles and Proposed Plan Amendments
- 3.0 Urban Design Element  
Accomplishments, Obstacles and Proposed Plan Amendments
- 4.0 Land Use Element  
Accomplishments, Obstacles and Proposed Plan Amendments
- 5.0 Academic Facilities Element  
Accomplishments, Obstacles and Proposed Plan Amendments
- 6.0 Support Facilities Element  
Accomplishments, Obstacles and Proposed Plan Amendments
- 7.0 Housing Element  
Accomplishments, Obstacles and Proposed Plan Amendments
- 8.0 Recreation and Open Space Element  
Accomplishments, Obstacles and Proposed Plan Amendments
- 9.0 General Infrastructure Element  
Accomplishments, Obstacles and Proposed Plan Amendments
- 10.0 Utilities Element  
Accomplishments, Obstacles and Proposed Plan Amendments
- 11.0 Transportation Element  
Accomplishments, Obstacles and Proposed Plan Amendments
- 12.0 Intergovernmental Coordination Element  
Accomplishments, Obstacles and Proposed Plan Amendments

- 13.0 Conservation Element  
Accomplishments, Obstacles and Proposed Plan Amendments
- 14.0 Capital Improvements Element  
Accomplishments, Obstacles and Proposed Plan Amendments
- 15.0 Architectural Design Guidelines Element  
Accomplishments, Obstacles and Proposed Plan Amendments
- 16.0 Landscape Architecture Element  
Accomplishments, Obstacles and Proposed Plan Amendments
- 17.0 Facilities Maintenance Element  
Accomplishments, Obstacles and Proposed Plan Amendments
- 18.0 Coastal Management Element  
Accomplishments, Obstacles and Proposed Plan Amendments

## **Introduction**

---

Florida Agricultural and Mechanical University (FAMU) must submit to the Board of Governors, within four years from the date of the five-year Campus Master Plan (6C-21 .203(7), FAR) adoption and every five years thereafter, an Evaluation and Appraisal Report (EAR) which:

- Lists accomplishments during the implementation of the Campus Master Plan, describing major problems associated with development and land uses, and the degree to which the goals, objectives, and policies have been successfully reached;
- Identifies obstacles, problems or conditions which resulted in underachievement of goals, objectives, or policies;
- Identifies the need for new or modified goals, objectives, or policies needed to correct unanticipated and unforeseen problems and opportunities that have occurred since adoption of the Campus Master Plan;
- Addresses local government and public participation in the process;
- Addresses the effects of changes to the state comprehensive plan and to the comprehensive plans of the host local government and any affected local governments;
- Identifies a means of ensuring continuous monitoring and evaluation of the plan during the remainder of the overall planning period.

A proposed Plan Amendment will be submitted, which incorporates the findings and recommendations contained in the Evaluation and Appraisal Report, and which contains updated baseline data (as appropriate) and goals, objectives and policies to be accomplished during the remainder of the overall planning period. This Campus Master Plan Amendment shall:

- Be submitted to Board of Governors within five years from the date of plan adoption and every five years the thereafter;
- Incorporate the findings and recommendations contained in the Evaluation and Appraisal Report, and contains updated baseline data (as appropriate) and goals, objectives, and policies to be accomplished during the remainder of the overall planning period;

The 2015-2025 Campus Master Plan Update includes the updates to Elements 4 – Future Land Use, 7 - Housing, 8 - Recreation and Open Space, 9 - General Infrastructure, 11 - Transportation, and 14 - Capital Improvements for the Main

**Campus. The Evaluation and Appraisal report includes the updates to all Elements.**

## **1.0 Academic Mission of the University**

---

### **Accomplishments, Obstacles, and Proposed Plan Amendments**

Florida Agricultural and Mechanical University (FAMU) is an 1890 land-grant institution dedicated to the advancement of knowledge, resolution of complex issues and the empowerment of citizens and communities. The University provides a student-centered environment consistent with its core values. The faculty is committed to educating students at the undergraduate, graduate, doctoral and professional levels, preparing graduates to apply their knowledge, critical thinking skills and creativity in their service to society. FAMU's distinction as a doctoral/research institution will continue to provide mechanisms to address emerging issues through local and global partnerships. Expanding upon the University's land-grant status, it will enhance the lives of constituents through innovative research, engaging cooperative extension, and public service. While the University continues its historic mission of educating African Americans, FAMU embraces persons of all races, ethnic origins and nationalities as life-long members of the university community.

Currently, the University is finalizing the development of the FAMU Strategic Master Plan 2017-2022: FAMU Rising. This update to the 2010-2020 Strategic Plan ensures the strategic initiatives lead to FAMU becoming a best-in-class university that empowers students of all socioeconomic and racial backgrounds to take ownership of their educational experience and gain the skills and knowledge necessary to transform the future of the state of Florida and the world. The updated Strategic Plan recommends new goals for FAMU related to the Master Plan, to include faculty facilities, STEM and STEAM facilities, and a vision for more public-private partnerships to provide state of the art facilities for academia and athletics.

During the later portion of the planning period, reductions in state allocated funding led to FAMU implementing several strategies across the university to address cuts. The university was able to reduce operating expenses for departments which resulted in fewer resources to operate but maintained the integrity of academic programs. Regardless of these cuts, FAMU was able to secure funds from federal grants and research awards as well as private sources to support research projects. The university will continue to secure revenue and funding from available sources.

The 2010-2020 Master Plan established goals, objectives, and policies to ensure the success of the Academic Mission. For adherence to the Master Plan, FAMU faculty and staff evaluated the following conditions:

- In September 2015, a Taskforce was formed to “update and expand upon the existing 2010-2010 Strategic Plan.” The strategic planning process broadly involved members of the FAMU community, including students, faculty and staff, as well as alumni, administrators and the FAMU Board of Trustees.

- The university continued to offer scholarships to prospective students in Florida as well as other states across the country.
- FAMU regularly engaged the Florida Legislature to reaffirm their past support of higher education funding and presented their legislative agenda.
- The level of state funding allocated to the university declined during the later years of the planning period. Seeking future state funds will be data-driven outcomes under a performance based model. FAMU achieved supplemental funding from a variety of sources including federal grants and research awards as well as private sources.

## **2.0 Academic Program Element**

---

### **Accomplishments, Obstacles, and Proposed Plan Amendments**

The goal of the Academic Program Element is to provide quality instruction and scholarship through a variety of academic programs which are responsive to changes in career opportunities, the labor market, and academic interests. During the planning period the university remained accredited with the Southern Association of Colleges and Schools Commission on Colleges (SACS-COC).

The university projected a reduced rate of growth for years five and ten of the planning period when compared to enrollment in the 2009-2010 academic year. Enrollment exceeded projections during the 2014-2015 academic year but experienced a decline in enrollment during the following years. FAMU continues to attract diverse and quality students, faculty, and staff from within Florida, across the country, and from outside the United States.

FAMU continues to adhere to the program review process and self-study guidelines. The university aims to support the university's commitment to sustaining and enhancing academic quality and positive student experiences through a formal assessment process. Assessment efforts during the planning period included each department and program across all colleges and schools. This process provides for the opportunity to analyze programs, plan for their future, evaluate programs, and prepare for new program offerings. FAMU continued to expand its degree offerings and propose new programs in order to meet the changing demand in the employment market.

The university continued to provide funding to the academic programs, schools, and colleges. With recent changes to the method of funding higher education in Florida, all University's will be held to the standard of performance-based criteria evaluation in order to receive state funds. During the planning period FAMU demonstrated improvements in the performance metrics score that resulted in increased state funding over the prior year.

The 2010-2020 Master Plan established goals, objectives, and policies to ensure the success of the Academic Program Element. For adherence to the Master Plan, FAMU faculty and staff evaluated the following conditions:

- FAMU remained accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACS-COC).
- Total enrollment exceeded initial projections and is continuing to increase.
- New technology and web-based learning systems continued to integrate into administrative and academic units across the university.



- Schools and colleges participated in the assessment process. The academic units reviewed, improved, and expanded the curricular of established programs to meet the changing employment demands.
- Coordinated the Academic Program plan with Facilities Planning and Construction to determine the facility needs.
- Performance based criteria now determine state funding for FAMU. The University demonstrated an improvement of the scoring criteria during the planning period.
- The university adheres to the established procedures for accepting gifts, endowments, grants, and donations. Donors provided contributions. Corporations and foundations were also engaged as well as alumni.

### **3.0 Urban Design Element**

---

#### **Accomplishments, Obstacles, and Proposed Plan Amendments**

The goal of the Urban Design Element is to maintain the design concept that reorganizes and defines the campus around activity zones, reorganizes, and is compatible with historical precedents, and expresses a new and determined commitment and dedication to design standards. The current master plan builds on the success of several exterior developments on campus demonstrating the benefits of enhanced urban design considerations. Considering functional campus needs and aesthetic quality shall enhance the environs and sense of place created on FAMU's campus. The provision for a more pedestrian-oriented inner campus was also advanced in the current plan. These opportunities not only present the possibility of enhancing the identity of FAMU but also safety and security considerations.

The 2010-2020 Master Plan established goals, objectives, and policies to ensure the success of the Urban Design Element. For adherence to the Master Plan, FAMU faculty and staff evaluated the following conditions:

- To facilitate the continued use of the design principles, the policies provided have, for the most part, been successfully achieved. However additional issues have been identified for the continued success of the urban design element of campus.
- More defined edges of campus need to be addressed to distinguish the campus from its host community. Entrances into the campus should be embellished more, as well as defining a more formal main entrance onto the campus.
- Additional consideration should be included for improving those existing pedestrian routes as well as defining additional new routes to reduce vehicle and pedestrian conflict and offer safe passage within the campus with lighting and signage.
- There is a need to pursue additional funding for landscaping and pedestrian facilities. Pedestrian facilities will be coordinated through the Transportation Element.
- Continued use of landscaping and hardscape features should be incorporated into new construction as well as throughout the open spaces to further enhance the aesthetics of the campus for the students, faculty, and staff, such as those implemented at FAMU Village. This includes programming areas beyond the building envelope to include the broadest possible context.
- One objective to be achieved is the organization of an Urban Design Committee. This committee shall serve as the administrator for compliance of

all new campus facilities. This committee shall assure that the Architecture and Landscape Architecture Guidelines are in accordance with the goals, objectives and policies of the Master Plan while establishing a review body to ensure compliance and consistency with the Campus Master Plan.

- The university has protected, enhanced, and relocated open space while relocating other programmed land uses.
- Committees are being established to review process policy for implementation of future facilities, including public safety policy review.
- The Architecture and Landscape Architecture Guidelines need to be evaluated and updated, including requirements for sustainability and best management practices.
- The shade trees and street tree program shall be further developed and implemented throughout campus.
- The university has created the Sustainability Institute, an entity independent of any one department or school, which is charged with applying sustainability throughout the university. The institute encourages collaborations across the university and addresses everything from academics to research to environmental solutions.

## **4.0 Land Use Element**

---

### **Accomplishments, Obstacles and Proposed Plan Amendments**

The goal of the Land Use Element is to promote a development pattern that guides future growth into developable areas and away from environmentally sensitive areas in a manner that is compatible with the host community. The Future Land Use Map shall detail the location and types of facilities required by the growth of student population to meet their needs. The map will also correct existing internal land use compatibility problems while continuing to avoid land use compatibility conflicts with surrounding non-university properties. This element will support optimization of developable land resources and protection of natural resources, including historic and archeological resources, while allowing flexibility to meet long range needs. Further provisions for infrastructure, parking and traffic circulation, utilities and support services systems required by newly expanded and / or relocated facilities concurrent with facilities' construction, including the provision for required land set aside(s) shall be included in this element.

The 2010-2020 Master Plan established goals, objectives, and policies to ensure the success of the Land Use Element. For adherence to the Master Plan FAMU faculty and staff evaluated the following condition:

- The university adopted and adhered to a Future Land Use Plan in accordance with the land use zones identified in the current plan as well as established and adopted intensities and densities for each zone.
- At least 75 acres of environmentally sensitive property were retained in the conservation land use zone and appropriate measures to provide buffer zones around these areas were provided.
- Land use and development decisions were coordinated with the priorities of the capital improvement plan as legislative funding allowed for.
- FAMU has optimized developable land resources while simultaneously protecting its natural resources.
- Provisions for infrastructure, parking and traffic circulation, utilities, and support services systems were achieved in conjunction with facilities' construction.

## **5.0 Academic Facilities Element**

---

### **Accomplishments, Obstacles and Proposed Plan Amendments**

The goal of the Academic Facilities Element addresses the need to meet academic needs of the projected student enrollment through the construction of new academic facilities and through the maintenance, renovation, and expansion of existing academic buildings. Available funding appropriations for the development of new academic facilities must be continued as well as maintaining an acceptable level-of-service of the existing academic facilities to encourage their maximum usage.

The 2010-2020 Master Plan established goals, objectives, and policies to ensure the success of the Academic Facilities Element. For adherence to the Master Plan, FAMU faculty and staff evaluated the following conditions:

- The plan is presently adhering to Florida Board of Governors funding rules and administrative procedures for requesting funding appropriations for capital projects through the three-year PECO project list. The construction of academic spaces has occurred as funding was made available. Specific items were identified to be deficient with the existing academic facilities.
- The Educational Plant Survey was completed and provides recommendations for site improvements, remodeling, renovations, additions and new construction / expansion as well as general university-wide recommendations including corrections or modifications necessary to comply with the Americans with Disabilities Act.
- Pharmacy Phase II along the eastern edge of campus was completed.
- Secondary funding sources were secured for selected projects and additional secondary funding sources will be pursued for future projects.
- FAMU will continue to implement landscaping and site improvements associated with future construction, expansion, and renovated academic facilities. These enhancements will incorporate energy efficiency and sustainable practices when possible.

## **6.0 Support Facilities Element**

---

### **Accomplishments, Obstacles, and Proposed Plan Amendments**

The goal of the Support Facilities Element is to provide facilities to efficiently meet FAMU'S needs of current and projected student enrollment. Objectives to achieve this goal include providing additional support facilities to meet the needs of an expanding academic program and correct deficiencies using SUS space standards, maintain support facilities in a manner to encourage their maximum usage, and to continue to pursue all available funding sources. Policies have been established to design and construct a minimum square footage of administrative office space, student services space, and support services space. Available funding appropriations for the renovation of existing support facilities and the development of new support facilities shall be pursued.

The 2010-2020 Master Plan established goals, objectives, and policies to ensure the success of the Support Facilities Element. For adherence to the Master Plan, FAMU faculty and staff evaluated the following conditions;

- Support facilities that were provided did so in accordance with the Land Use Element and Land Use Map, the Capital Improvements Element, and the Capital Improvements Element.
- FAMU adhered to rules and procedures and pursued available appropriation and funding mechanisms for the development of new support facilities.

## **7.0 Housing Element**

---

### **Accomplishments, Obstacles, and Proposed Plan Amendments**

The goal of the Housing Element is to continue providing stable and secure student housing facilities within the campus boundaries, offering a social environment that is affordable and conducive to the academic enrichment and development of the University's student enrollment, and shall encourage and support the development of housing on campus. Objectives to achieve this goal include ensuring the availability of affordable housing within walking distance of the University's academic buildings, maintaining a bed space inventory of approximately 30 percent of the student enrollment, eliminate substandard housing and provide needed structural and aesthetic improvements to existing housing units. Further, this goal will now seek, as part of the master plan update, to encourage privately initiated on-campus housing developments as well as through Department of Education funding sources.

The 2010-2020 Master Plan established goals, objectives, and policies to ensure the success of the Housing Element. For adherence to the Master Plan, FAMU faculty and staff evaluated the following conditions:

- The university continued to strive to meet its goal to provide 30 percent of student enrollment with on-campus housing (Student Housing Comprehensive Plan 2004) for the year 2015. The university will continue to advance its goal of providing 33% on-campus housing by the year 2025. The remaining balance of housing needs may be met by off-campus facilities operated by the private sector.
- FAMU Village, an 800 bed dormitory, was constructed in the northwestern portion of campus.
- FAMU is seeking U.S. Department of Education funding to renovate and construct improved student housing.
- The university is working to advance private-public partnerships (P3) to enhance its on-campus housing inventory.
- FAMU is expanding upon current number of living-learning communities to enhance the student experience.
- The university adheres to the Student Housing Comprehensive Plan which identifies three critical objectives:
  - Accommodate an increased percentage of students in on-campus housing;
  - Improve recruitment and retention efforts;

- Increase student and parent satisfaction with on-campus living options.
- The Student Housing Comprehensive Plan provides for a detailed analysis of funding for planning, design, and construction as well as maintenance of student housing facilities.



## **8.0 Recreation and Open Space Element**

---

### **Accomplishments, Obstacles, and Proposed Plan Amendments**

The goal of the Recreation and Open Space Element is to continue to provide, maintain and expand recreation and open space facilities at acceptable service standards to meet the anticipated demands created by existing and anticipated faculty and student enrollment growth. The objective shall ensure the availability of an adequate supply of on-campus recreation and open space facilities at adopted level-of-service standards. The objectives to achieve this goal include, ensuring the availability of an adequate supply of on-campus facilities and to maintain policies that support and encourage use of public and private funding resources to meet the projected demands of the FAMU faculty, student enrollment, and intercollegiate athletic programs growth.

The 2010-2020 Master Plan established goals, objectives, and policies to ensure the success of the Recreation and Open Space Element. For adherence to the Master Plan, FAMU faculty and staff evaluated the following conditions:

- The university has adopted and adhered to a minimum level-of-service standard for recreational acreage, for both passive and active recreation.
- FAMU has met the minimum level-of-service standard for recreational space facility improvements.
- As the university grows, pressure is placed on the retention of campus open space and recreation facilities. Additional land acquisition may be required in order to meet level-of-service standards and maintain intensities and densities for development which maximize the retention of open space as student enrollment grows.
- New recreational space facility improvements were being implemented for the FAMU Developmental Research School during the planning period.

## **9.0 General Infrastructure Element**

---

### **Accomplishments, Obstacles, and Proposed Plan Amendments**

The goals of the General Infrastructure Element are to provide adequate stormwater management drainage capacity to protect the welfare of both the University and host community residents. The element sets to ensure adequate potable water supply and distribution for domestic and fire protection use, ensure adequate sanitary sewer collection and disposal, and to ensure adequate solid waste handling and disposal capacity.

The 2010-2020 Master Plan established goals, objectives, and policies to ensure the success of the General Infrastructure Element, for adherence to the Master Plan, FAMU faculty and staff evaluated the following conditions:

- The Campus Development Agreement, which addresses the General Infrastructure Element and associated Sub-Elements, was executed during the last planning period

#### **Stormwater Sub-Element:**

- A Stormwater Master Plan was not developed and completed during the planning period. Stormwater management facilities are designed on a project-by-project basis. The University is interested in the development of a regional stormwater management facility off-campus in conjunction with the City of Tallahassee.
- FAMU developed and maintained construction projects on campus in a manner consistent with the City of Tallahassee land development regulations and applicable statutory requirements of the Northwest Florida Water Management District Environmental Resource Permit including the adoption of level-of-service standards for stormwater management and drainage which met State of Florida water quality regulations.
- Coordination with local agencies for on and off campus drainage improvements occurred.
- FAMU continued to support the maintenance of the quality of on-campus jurisdictional wetland resources, natural stormwater management, and hydrological areas by meeting University adopted level-of-service standards for stormwater runoff quality regulations. Policies and procedures are adhered to mitigate impacts of University generated stormwater.

#### Potable Water Sub-Element:

- FAMU continues to work towards ensuring the adequate provision of potable water supply and distribution for domestic use and fire protection use based on University needs and to meet and maintain adopted level-of-service standards.
- Potable water supply is provided by the City of Tallahassee Utilities. FAMU has indicated that the City of Tallahassee has provided service in accordance with adopted level-of-service standards. The University coordinated with the service provider to identify needed corrective actions. During the planning period it was determined that no major corrective actions were required.
- As the Campus Development Agreement requires, the preparation of a Potable Water System Analysis occurred.
- As construction projects were undertaken during the planning period the University coordinated with the service provider to ensure the adequate improvement to or expansion of potable water systems and water main services.
- FAMU has integrated water conserving fixtures for new and renovated projects. The master plan update shall evaluate opportunities for additional water conservation measures related to future new and renovated projects.
- The University has formed conservation and sustainability related groups who advocate knowledge, programs, and strategies related to informational literature and awareness workshops. Facilities staff performed studies on energy saving activities during the planning period.

#### Sanitary Sewer Sub-Element:

- FAMU continues to work towards ensuring the adequate provision of sanitary sewer collection and disposal system based on University needs and to meet and maintain adopted level-of-service standards.
- As the Campus Development Agreement requires, the preparation of Sanitary Sewer Collection and Disposal System Analysis occurred.
- FAMU utilized the City of Tallahassee sanitary sewer transmission and treatment system.

#### Solid Waste Sub-Element:

- FAMU ensured the adequate provision of solid waste handling and disposal services based on University needs and to meet and maintain adopted level-of-service standards.
- The University continues to work on a monitoring program to estimate solid waste generation.
- The City of Tallahassee provided the University with solid waste handling and transporting services as well as the provision of acceptable disposal facilities.
- The University continues to implement more efficient solid waste handling systems such as compactors and will continue to explore opportunities to utilize more efficient solid waste handling systems in other locations on campus. Opportunities for the relocation and appropriate screening will be evaluated during the plan update.
- FAMU continues to implement techniques towards the reduction of solid waste stream and achieving increased recyclable volumes including the increased use of compactors and recycling stations on campus.
- The University has formed conservation and sustainability related groups who advocate knowledge, programs, and strategies related to informational literature and awareness workshops for solid waste management.

## **10.0 Utilities Element**

---

### **Accomplishments, Obstacles, and Proposed Plan Amendments**

The Utilities Element is to provide adequate provision of hot water, chilled water, energy, and telecommunications services to meet existing and future buildings needs.

The 2010-2020 Master Plan established goals, objectives, and policies to ensure the success of the Utilities Element. For adherence to the Master Plan, FAMU faculty and staff evaluated the following conditions:

- The Campus Development Agreement, which addresses the Utilities Element and associated Sub-Elements, was executed during the last planning period.

#### Chilled Water Sub-Element:

- FAMU ensured the adequate provision of chilled water based on University needs and to meet and maintain adopted level-of-service standards. The University updated maintains its valid water permit through 2020.
- A reassessment of the Chilled Water Systems Analysis was completed as part of the Energy Audit Report prepared for campus. Looking at chilled water flow – how to be more efficient with existing chilled water.
- FAMU recertified one of the chilled water units. The University also installed a new well in support of the chilled water system. The University is going to recommend the addition of an additional chiller to expand the current capacity as new development arises. FAMU has entered into a demand flow agreement.
- The University adhered to energy consumption reduction initiatives during the planning period.
- The University will evaluate the need for additional chilled water upgrades during the current planning period as campus expansion is evaluated.

#### Electrical Power + Other Fuels Sub-Element:

- FAMU ensured the adequate provision of electrical power distribution and other fuel systems based on University needs and to meet and maintain adopted level-of-service standards.

- The ARCH/STUDY is currently being prepared which assesses the current electrical distribution system and provides rating information that guides the University when working on the system.
- During the planning period the University continued to make improvements to the electrical grid servicing campus site lighting.
- FAMU relocated its natural gas meters and is in the process of taking ownership of the gas distribution system on campus. The University also installed a natural gas fuel source which serves as the primary source and a propane source as the backup.
- FAMU will continue to provide the Natural Gas Distribution Assessment that is required twice per year.
- FAMU shall seek to identify opportunities to further address deficiencies and improve energy systems distribution on campus as well as evaluate opportunities for sustainable energy systems.
- The University will evaluate the need for additional energy system upgrades during the current planning period as campus expansion is evaluated.
- FAMU also decentralized boiler facilities (central steam plant / steam distribution center).
- The current system of funding for infrastructure improvements has been affected by reduced state funding which limits the ability to implement needed infrastructure improvements.

#### Telecommunications Sub-Element:

- FAMU ensured the adequate provision of telecommunications service based on University needs and to meet and maintain adopted level-of-service standards.
- The University continued to maintain the Telecommunications Computer Network Systems Analysis. An analysis of deficiencies and projected telecommunication needs was evaluated during the current planning period.

## **11.0 Transportation Element**

---

### **Accomplishments, Obstacles, and Proposed Plan Amendments**

The goal of the Transportation Element is to provide staged expansion and improvement to existing transportation facilities to meet the needs of its student body, faculty, staff, and support personnel. In addition the University shall develop and maintain an orderly, safe on-campus pedestrian and bicycle circulation system which encourages the use of non-motorized transportation modes.

The 2010-2020 Master Plan established goals, objectives, and policies to ensure the success of the Transportation Element. For adherence to the Master Plan, FAMU faculty and staff evaluated the following conditions:

- The Campus Development Agreement, which addresses the Transportation Element, was executed during the last planning period. There were no on and off-campus transportation concurrency mitigation measures required as well as adopted level-of-service standard issues.
- FAMU provided sufficient parking capacity without increasing the acreage dedicated to parking facilities. During the current planning period the University will identify opportunities for parking garages in order to make land available for the development of new academic, support, athletic, and housing facilities.
- FAMU operated two passenger shuttle buses, throughout campus during the week days and weekends. The UPass program allows students to utilize StarMetro routes adjacent to campus as well as city wide.
- The University continues to evaluate strategies to encourage the use of multiple transportation modes such as bicycle lanes and multi-use paths.
- The restructuring of on-campus traffic circulation was limited. Despite this limitation the plan update will continue to examine opportunities to restructure on-campus circulation, internal roadway circulation, road closures, and intersection improvements in order to improve transportation systems of various modes associated with the plan. Funding limitations restricted the advancement the University's efforts in this area.
- Coordination with local, regional, and state transportation agencies to advance motorized and non-motorized facilities occurred during the planning period.
- FAMU made provisions for multiple transportation modes on campus during the planning period. The success of these provisions has been marginal. Additional efforts to evaluate the utilization of the multiple

transportation modes offered for users will be examined in the current plan. The integration of multiple transportation modes in campus facilities plans, designs, and construction contract documents will also be reviewed.

- It was observed during the planning period that the use of bicycles on campus continues to be limited. Mopeds are favored over bicycles. Provisions for bicycle facilities on campus were limited during the planning period. Evaluation of bicycle facilities will be undertaken during the current planning period.
- Provisions for pedestrian circulation and corridors on campus were addressed during the planning period but the need for enhancement of such facilities still exists. Evaluation of pedestrian circulation and corridors will be undertaken during the current planning period.
- Additional funds are necessary to make appropriate repairs and/or modifications to existing sidewalks and pedestrian corridors. The cross campus corridor needs to be completed. Funding limitations continued to be an obstacle to achieving the goal.
- As new facilities were constructed provisions were made in accordance with the Americans with Disabilities Act (ADA). Funding limitations did not allow for outstanding noncompliant ADA facilities to be resolved.
- There are outstanding conflicts between pedestrian and vehicular crossings that need to be examined in the plan update.



## **12.0 Intergovernmental Coordination Element**

---

### **Accomplishments, Obstacles, and Proposed Plan Amendments**

The goal of the Intergovernmental Coordination Element is to coordinate the planning and policy making of the university with Tallahassee and Leon County and other local, regional, state, and federal agencies to ensure that the university develops, provides services, and implements the goals, objectives, and policies of the Master Plan.

FAMU shall establish level-of-service standards and concurrency requirements for public facilities which are not in conflict with Tallahassee and Leon County standards and concurrency management provisions. A process for reciprocal plan review with local agencies as well as the establishment of an Intergovernmental Coordination Committee with local, regional, and state agencies may be evaluated. The university shall monitor and participate in the review and comment of proposed development activities within the context area of FAMU's campuses. The update of the plan shall be coordinated with units of government at all levels.

The 2010-2020 Master Plan established goals, objectives, and policies to ensure the success of the Intergovernmental Coordination Element. For adherence to the Master Plan, FAMU faculty and staff evaluated the following conditions:

- The Campus Development Agreement, which addresses the Intergovernmental Coordination Element, was executed during the planning period.
- FAMU maintained level-of-service standards and concurrency requirements for public facilities. The standards were not in conflict with adopted local, regional, and state level-of service standards.
- The university continues to work towards meeting the level-of-service standards for public facilities and services that are interconnected with local facilities and services for which the local government had operational and maintenance responsibilities. These facilities included stormwater management, potable water, sanitary sewer, solid waste, and transportation.
- The university adhered to a process for reciprocal plan review with the City of Tallahassee. No proposed amendments exceeded the thresholds in s. 1013.30 (9) F.S. which therefore did not require submittal to local, regional, and state governments for review and comment.
- FAMU was informed of and participated in review and comment of proposed development activities within the context area of campus.

- The plan update has and will continue to be coordinated with units of government at all levels as required.
- FAMU entered into and executed an extension of the Campus Development Agreement with the City of Tallahassee through December 31, 2018.

## **13.0 Conservation Element**

---

### **Accomplishments, Obstacles, and Proposed Plan Amendments**

The goal of the Conservation Element is to conserve, protect, and provide for the appropriate management of FAMU's natural resources and conservation areas. The university will continue to facilitate conservation programs that protect the campus air quality and allow for the conservation and appropriate utilization of existing and future energy sources. It will also conserve and appropriately utilize its water resources, both water quality and water quantity, continue to protect its wildlife habitat and native vegetative communities and reduce the volume and degree of hazardous waste generated by university facilities.

The 2010-2020 Master Plan established goals, objectives and policies to ensure the success of the Conservation Element. For adherence to the Master Plan, FAMU faculty and staff evaluated the following conditions:

- The university adhered to all programs to protect campus air quality that allowed for the conservation and appropriate utilization of existing and future energy resources.
- FAMU maintains recycling programs across campus.
- On-campus energy awareness programs were adhered to during the planning period. Further programs will be evaluated during the current planning period.
- Energy audits did and will continue to be conducted for campus buildings. Energy efficient materials and mechanical systems were included on newly constructed and substantially renovated campus buildings.
- The Florida Clean Indoor Air Act was adhered to.
- Conservation land use areas were adopted in accordance with the plan.
- FAMU conserved and appropriately utilized its water resources both in terms of quantity and quality.
- The university will continue to evaluate the use of stormwater retention facilities for irrigation on-campus during the current planning period. Stormwater borne pollutants were minimized through Best Management Practices.
- FAMU continued to protect and conserve wetland areas by maintaining compliance with the appropriate regulatory agencies. Compliance with applicable regulations and mitigation requirements across regulatory agencies was adhered to for development impacting flood prone areas.

Other regulations affecting the development of environmentally sensitive lands were adhered to.

- The university adhered to a cleanup program for the forested wetland areas on campus. FAMU continued to comply with existing water quality and quantity programs including those that impacted wetland areas. Buffer standards for upland areas adjacent to wetlands were adhered to.
- FAMU continued to conserve and protect its wildlife habitat and native vegetative communities through appropriate care techniques.
- FAMU will seek to adopt appropriate wildlife and vegetation management, protection, and conservation lists and programs when evaluating campus development projects.
- FAMU has and will continue to reduce the volume and degree of hazardous wastes generated on campus. The university adhered to its Hazardous Communication Program Policy to assist with managing its generated hazardous wastes. The program is reevaluated on an on-going basis.

## **14.0 Capital Improvement Element**

---

### **Accomplishments, Obstacles, and Proposed Plan Amendments**

The goal of the Capital Improvements Element is to undertake appropriate actions necessary to provide academic 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 development. The objective is to provide capital improvements to correct existing deficiencies, to accommodate anticipated growth, and to replace aging or obsolete facilities. The University shall base the coordination of land use decisions associated with the implementation of capital improvements upon the development requirements of the plan, the development agreements of the plan, and the availability of necessary facilities needed to support development activities.

The 2010-2020 Master Plan established goals, objectives, and policies to ensure the success of the Capital Improvements Element. For adherence to the Master Plan, FAMU faculty and staff evaluated the following conditions:

- The University made provisions for prioritized and scheduled capital improvements, based on evaluation and ranking criteria, to correct existing deficiencies, accommodated anticipated campus growth, and replaced aging and obsolete facilities in accordance with the Capital Improvement Program / Plan (CIP).
- The basis for the coordination of land use decisions was associated with the implementation of capital improvements as outlined within the plan as well as development agreements contained within, and level-of-service standards for infrastructure and open space.
- FAMU ensured compliance with adopted level-of-service standards for roadways and transportation facilities during the planning period.
- The University continued to adhere to capital improvement programming procedures the recommendations for which will continue to rely on funds appropriated by the Florida Board of Governors. Proper consideration was given to and will continue to project criteria consisting of site improvements, utility extension and easements, parking and traffic circulation needs, compliance with standards, and compliance with architectural and landscape design guidelines.

The University completed the Educational Plant Survey the University and engaged in the preparation of the Needs Assessment which formed the basis for capital improvements.

## **15.0 Architectural Design Guidelines Element**

---

### **Accomplishments, Obstacles, and Proposed Plan Amendments**

The goal of the Architectural Design Guidelines Element is to undertake the planning, design, and construction of facilities on University property, which represent the highest standards of excellence in architectural design. These guidelines will also set standards in the renovation, rehabilitation, and expansion of existing facilities. This element recommends the establishment of a series of review procedures to implement Architectural Guidelines, to allow for inclusion of unique and innovative design solutions. The university shall coordinate with other institutions in the design of satellite facilities that are not in the purview of the Board of Governors. Further, the university will seek to upgrade its existing facilities to meet the Americans with Disabilities Act (ADA) requirements.

The 2010-2020 Master Plan established goals, objectives, and policies to ensure the success of the Architectural Design Guidelines Element. For adherence to the Master Plan, FAMU faculty and staff evaluated the following conditions:

- Many of the architectural design guideline standards have not been met or need to be updated. A Design Review Committee needs to be established to monitor designer adherence to the adopted guidelines and ensure that the criteria established becomes a part of the overall evaluation for upgrading and retrofitting of existing buildings.
- Efforts to ensure continuity across the variety of architectural styles embodied in buildings on campus will continue during the plan update.
- Funding for and necessary upgrades to comply with ADA requirements for facilities that were not rehabilitated or repaired during the planning period was not achieved.
- Improvements to achieve effective siting and functional linkages between buildings and the natural environment will be further evaluated during the plan update.
- Improvements to the policy and standards for the treatment of facilities located along the campus edge will be further evaluated during the plan update.
- FAMU needs to strengthen the design review process when planning for, renovating, and rehabilitating facilities. The establishment of the Urban Design Committee and Post Construction / Post-Occupancy Review Committee was not achieved during the planning period. The review process and formation of the committees should be further evaluated during the plan update.

- The plan outlined a priority listing of criteria to determine the allocation of funding for upgrading / retrofitting existing facilities to meet ADA requirements. The criteria outlined within shall continue to serve as the determination for prioritization. Compliance with some of the initiatives outlined in the ADA Noncompliance Building Summary Report was achieved.

## **16.0 Landscape Design Guidelines Element**

---

### **Accomplishments, Obstacles, and Proposed Plan Amendments**

The goal of the Landscape Design Guidelines Element is to develop a Landscape Plan and establish a set of Landscape Design Guidelines, which set standards for the quality and enhancement of planning, design, and construction / implementation of landscape treatments on the university campus. The university shall continue to maintain review procedures for landscaping plans and designs proposed for installation. Within this element the university establishes priorities for the funding of landscape improvements, including improvements to existing deficiencies.

The 2010-2020 Master Plan established goals, objectives, and policies to ensure the success of the Landscape Design Guidelines Element. For adherence to the Master Plan, FAMU faculty and staff evaluated the following conditions:

- As part of this plan update, FAMU will further establish standards for plant materials, hardscape, furnishings, lighting and graphics, landscape treatments of campus edges and stormwater retention areas and other design elements important to creating a unified landscape treatment of FAMU properties.
- Funding priorities for landscape improvements, including improvements to remediate existing deficiencies and funding of facilities to improve accessibility for disabled persons will be examined during the plan update.
- Design standards were set in the last plan update for a wide range of landscape design features including sustainability considerations. The standards will be reviewed and appropriate changes recommended during the plan update.
- A Design Review Committee should be established to ensure landscape plans and designs are reviewed for consistency with the standards and master plan.
- Funding of landscape improvements and deficiencies has been partially achieved. As funding becomes available, existing landscape deficiencies and remediation efforts, including ADA related improvements, will be undertaken.
- The recommendation of a Landscape Maintenance Committee for professional training for the proper maintenance of its landscape hardscape and landscape features has not been achieved. As funding becomes available, this effort may evolve.



## **17.0 Facilities Maintenance Element**

---

### **Accomplishments, Obstacles, and Proposed Plan Amendments**

The goal of the Facilities Maintenance Element is to extend the useful life of all buildings and major equipment through maintenance and management strategies. This will establish minimum standards for each building's exterior, interior, and system elements, establishing minimum standards for the acceptable use and capacity of each buildings interior spaces, periodically and systematically evaluating buildings and major equipment to ensure compliance with standards, and continue maintenance management strategies.

The 2010-2020 Master Plan established goals, objectives, and policies to ensure the success of the Facilities Maintenance Element. For adherence to the Master Plan, FAMU faculty and staff evaluated the following conditions:

- FAMU undertook measures to extend the useful life of all buildings and major equipment through maintenance management strategies. The process of value engineering during the design phase of facility projects has resulted in the specification and installation of major equipment that is more economical. This has resulted in additional maintenance efforts. This procedure will be examined further during the plan update.
- Minimum standards for each building's exterior, interior, and systems elements are in place in accordance with the university's adopted level-of-service standards.
- A process should be established, endorsed and implemented to ensure the integrity of space utilized as originally intended per design.
- FAMU continues to work toward completing projects as funding is made available according to deferred maintenance programs.
- A semi-annual assessment needs to be performed to evaluate conditions of facilities. Necessary repairs and enhancements are needed in an effort to extend the life of building systems.
- Establishment of a Building Superintendent program for all University buildings is ongoing. The assigned superintendent would be thoroughly familiar with air aspects of each building under his/her care and would operate in a proactive and preventative maintenance position as opposed to one of a reactive nature. A program of this type generates ownership, familiarity and accountability, which ultimately yields enhanced efficiency and increased asset management.

## **18.0 Coastal Management Element**

---

### **Accomplishments, Obstacles, and Proposed Plan Amendments**

The goal of the Coastal Management Element is to ensure the protection of its students and residents in the coastal areas of Bay County, Florida and shall limit development of these coastal resources to those specifically related to the academic and research needs of FAMU. Development will be limited in high hazard areas and will ensure adequate hurricane safety preparedness and sheltering is provided to all users of facilities.

At this time, FAMU does not operate campuses within coastal areas.