



Item: SP: A-2

**Tuesday, April 20, 2021**

**SUBJECT: 2020-21 EDUCATIONAL PLANT SURVEY VALIDATION**

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**PROPOSED Board ACTION**

Approve the review and validation of the completed Florida Atlantic University Education Plant Survey.

**BACKGROUND INFORMATION**

An Education Plant Survey (EPS) is required to be conducted once every five (5) years for all public educational entities, included state universities. At the request of Florida Atlantic University (FAU), Board staff facilitated and coordinated the Survey Team and participate with university staff on the EPS to ensure that all requirements of section 1013.31, Florida Statutes, were satisfied. In addition to FAU and Board staff, the team included staff from University of West Florida, Florida Polytechnic University and Florida Agricultural and Mechanical University. The Survey Team Recommendation is included as an attachment.

The EPS covers the period July 1, 2021 through June 30, 2026, and is FAU's first EPS completed using the Dynamic Capital Planning (DCP) model.

**IMPLEMENTATION PLAN/DATE**

Upon Board approval.

**FISCAL IMPLICATIONS**

N/A

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**Supporting Documentation: Recommendation of Survey Team and  
Educational Plant Survey Packet**

**Presented by: Stacy Volnick, VP Administrative Affairs and Chief Administrative Officer**

**Phone: 561-297-6319**

## **RECOMMENDATIONS OF SURVEY TEAM**

Florida Atlantic University

Needs Assessment

Date: March 22, 2021

**Survey Team Members:** Robin Anderson - Team Leader (UWF), Craig Talton (FAMU), Brenton McClean (Validation Only) (FPU), Kenneth Ogletree (BOG), Kristine Azzato (BOG). (The entire survey process was conducted via videoconference.)

### **General Recommendations:**

- 1.1 All projects authorized pursuant to section 1011.45(3)(b), Florida Statutes, are survey recommended, including completion of a renovation, repair, or maintenance project that is consistent with the provisions of section 1013.64(1), Florida Statutes, up to \$5 million per project and replacement of a minor facility that does not exceed 10,000 gross square feet in size and up to \$2 million.
- 1.2 Projects authorized pursuant to section 1011.45(3)(c), Florida Statutes are survey recommended, including a remodeling or infrastructure project, up to \$10 million per project.

### **Site Improvements Recommendations (All Sites):**

- 2.1 Land Acquisition – This recommendation allows the university to continue purchasing properties surrounding the campus as identified in the adopted Campus Master Plan.
- 2.2 Landscaping/Site Improvements – This is a general recommendation to continue landscaping, road and site improvements consistent with the adopted Campus Master Plans.

### **Remodeling Recommendations:**

**Definition:** 1013.01(17) Florida Statutes, the changing of existing facilities by rearrangement of spaces and their use and include, but is not limited to, the conversion of two classrooms to a science laboratory or the conversion of a closed plan arrangement to an open plan configuration.

- 3.1 S.E. Wimberly Library (0003): Teaching Lab – 4,855 NASF, Study – 105,763 NASF, Office/Computer – 13,889 NASF, Auditorium/Exhibition – 631 NASF. The rearrangement of space is to be determined; however, the impact to the NASF will be minimal and the total NSF will not change.

### **Renovation Recommendations:**

**Definition:** 1013.01(18) Florida Statutes, the rejuvenating or upgrading of existing facilities by installation or replacement of materials and equipment and includes, but is not limited to, interior or exterior reconditioning of facilities and spaces; air conditioning, heating, or ventilating equipment; fire alarm systems; emergency lighting; electrical systems; and complete roofing or roof replacement, including replacement of membrane or structure.

- 4.1\* AD Henderson & FAUHS: Media Center will be renovated to the Center for the Advancement of Teacher Development (026C)

- 4.2\* AD Henderson & FAUHS: Classroom 2 will be renovated to the Institute of Biodesign (026D)
- 4.3 Arts and Letters (0009): Classroom – 6,827 NASF, Teaching Lab – 13,406 NASF, Office-8,835 NASF, Auditorium/Exhibition – 20,334 NASF and Instructional Media – 1,352 NASF.
- a) HVAC Replacement
  - b) Windows Replacement
  - c) Stairwell upgrades
  - d) Fire Alarm System Replacement
  - e) Roof Replacement
  - f) Emergency Lighting Replacement
  - g) Electrical System Replacement
  - h) Replacement of Membrane
  - i) Interior/Exterior Reconditioning
- 4.4 College of Education (0047): Classroom – 10,685 NASF, Teaching Lab – 11,065 NASF, Study – 1,143 NASF, Research Lab – 964 NASF, Office/Computer – 26,826 NASF.
- a) HVAC Replacement
  - b) Windows Replacement
  - c) Stairwell upgrades
  - d) Fire Alarm System Replacement
  - e) Roof Replacement
  - f) Emergency Lighting Replacement
  - g) Electrical System Replacement
  - h) Replacement of Membrane
  - i) Interior/Exterior Reconditioning
- 4.5 Physical Science Building (0055): Classroom – 4,977 NASF, Teaching Lab – 26,297 NASF, Research Lab 8,275 NASF, Office/Computer – 9,079 NASF, Campus Support – 1,097 NASF.
- a) HVAC Replacement
  - b) Windows Replacement
  - c) Stairwell Upgrades
  - d) Fire Alarm System Replacement
  - e) Roof Replacement
  - f) Emergency Lighting Replacement
  - g) Electrical System Replacement
  - h) Replacement of Membrane
  - i) Interior/Exterior Reconditioning
- 4.6 Science Building (0043): Classroom – 988 NASF, Teaching Lab – 15,162 NASF, Research Lab – 17,884 NASF, Office/Computer – 33,609 NASF and Campus Support – 1,252 NASF.
- a) HVAC Replacement
  - b) Windows Replacement
  - c) Stairwell Upgrades
  - d) Fire Alarm System Replacement
  - e) Roof Replacement
  - f) Emergency Lighting Replacement
  - g) Electrical System Replacement

- h) Replacement of Membrane
- i) Interior/Exterior Reconditioning

- 4.7 S.E Wimberly Library (0003): Teaching Lab – 4,855 NASF, Study – 105,763 NASF, Office/Computer – 13,889 NASF, Auditorium/Exhibition – 631 NASF.
- a) HVAC Replacement
  - b) Windows Replacement
  - c) Stairwell Upgrades
  - d) Fire Alarm System Replacement
  - e) Roof Replacement
  - f) Emergency Lighting Replacement
  - g) Electrical System Replacement
  - h) Replacement of Membrane
  - i) Interior/Exterior Reconditioning

\* = The Survey Team recognizes that the survey recommendations for Lab Schools are issued by the Department of Education. The survey recommendation for this project has been provided.

#### **New Construction Recommendations:**

New construction recommendations are in accordance with the presented net square footage and as described in the Form B. The following projects are recommended:

- 5.1\* AD Henderson & FAUHS: STEM/Multipurpose Building (026J and 026K)
- 5.2 Health Sciences Research and Training Facility/Clinical Health Sciences Facility (0112): Teaching Lab – 13,350 NASF, Study – 2,700 NASF, Research Lab – 22,150 NASF, and Office/Computer – 15,800 NASF.
- 5.3 Wallach Institute for Holocaust and Jewish Studies/Arts and Letters Addition (009A): Classroom – 3,500 NASF, Study – 1,057 NASF, Office/Computer – 2,841 NASF, and Auditorium/Exhibit – 1,500 NASF.

\* = The Survey Team recognizes that the survey recommendations for Lab Schools are issued by the Department of Education. The survey recommendation for this project has been provided.

#### **Projects Based on Exception Procedure:**

The survey team is recommending the following project based on the exception procedure. This project consists of ineligible space; therefore, the Form B space needs formula does not apply.

- 6.1 No projects were presented.

#### **Demolition:**

The following demolition projects are survey recommended:

- 7.1 No projects were presented.

**Campus-wide Utility Infrastructure (All Sites):**

The following projects are survey recommended, as part of the overall Campus-wide Utility Infrastructure project:

- 8.1 Utility Infrastructure improvements – to include improvements consisting of items in the categories of chilled water and controls, electrical distributions, storm sewer, sanitary sewer, telecommunications, energy management control systems, irrigation, water distribution, steam equipment and distribution and roads. The projects consist of improvements, extensions, modifications, and additions to the major utility systems consistent with the adopted Campus Master Plan.

**Standard University-Wide Recommendations:**

- SR1. All recommendations for new facilities to include spaces necessary for custodial services and sanitation facilities.
- SR2. All projects for safety corrections are recommended.
- SR3. All projects for corrections or modifications necessary to comply with the Americans with Disabilities Act are recommended.
- SR4. Any project required to repair or replace a building's components is recommended provided that the total cost of the project does not exceed 25% of the replacement cost of the building.

**Notes:**

- A. University is to write recommendation text in accordance with current Educational Plant Survey format and criteria.
- B. All projects recommended for approval are to be incorporated into the Master Plan Update(s).
- C. Supplemental surveys can be conducted at a later date should project scope change in the future.