

# Infrastructure Council Year-End Report 2019-20

Submitted June 15, 2020

## Responsibilities

This council focuses on the University's infrastructure supporting its academic mission, including the provision of physical facilities and other physical resources: libraries; information technology; the campus master plan' and the availability of adequate computer, classroom, laboratory and other resources.

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## Charge

The Infrastructure Council, meeting on September 6, October 25, November 22, January 13, and February 10, with all subsequent meetings canceled due to scheduling conflicts and the run-up to the outbreak of the CoVID-19 pandemic. The Council considered several main issues over the course of the abbreviated year, including: the Smart Parking Initiative, the Cessation of Endowment Investments in Fossil Fuels, the UF Faculty Center, the UF Master Plan, and the UF Security Maser Plan.

## Smart Parking Initiative

The Council heard an update from Drs. Lily Elefteriadou, Lili Du, & Scott Washburn following their Mobility Options Presentation about their Smart Parking System on UF Campus Report originally made to the Faculty Senate Steering Committee. The presenters shared data analysis to help optimize mobility

options on campus, these findings and suggestions are found in the: Smart Parking System on UF Campus Report. The project would like to initially focus on a primary facility near the center of campus, such as the O'Connell Center surface lots and garage. Other FL campuses, such as FSU and USF currently use parking app technology. It was noted that on January 1st no cell phone usage will be allowed in Florida while operating a vehicle unless it is a hands-free device. UF's new garage will have signage indicating which floors have available spots. License plate recognition was discussed, including its primary aim of identifying vehicle, classifications, parking locations, and the duration of parking. License plate recognition is being installed on campus. Sensors could also be placed throughout campus which can track traffic patterns, but privacy issues would need to be addressed for these technologies. The presenters have conversed with different stakeholders and talked about budgetary needs to execute this proposal. A funding source is needed, preferably one which is internal (as opposed to a grant or external funding). One option may be a voluntary fee charged to users via an annual app fee to cover recurring costs. Council suggested Lili and Scott contact Physical Security Director, Joe Souza, to coordinate with their probable license plate recognition vendor and eventual data.

#### Cessation of Endowment Investments in Fossil Fuels

Three resolutions regarding cessation of investment into fossil fuel companies (Stop future investment of UF endowment funds into the top 50 fossil fuel companies, Minimize investments into mutual funds that invest in fossil fuel companies, and Report on the endowment annually, with estimates of current investments in fossil fuel) presented by Dr. Ryan Thomson and Sam Jenkins in the previous term and were tabled at that time, were referred to the Budget Council, to determine the feasibility of a Senate resolutions.

#### University Faculty Center

Upgrades were made to the Keene Faculty Center, as the first facility for use by faculty university-wide and is now open. Ideally, faculty will have additional and similar centers on campus. Renovations to the kitchen area complete and snacks and beverages will be available for the lounge. An effort is being made to make the space conducive to work and networking, with such features as movable furniture and flex space. To encourage interaction as part of the strategic plan, and as campus is densified, the Cambridge Innovation Center model has been referenced.

#### UF Master Plan

The UF Framework Plan which focuses on the five areas of: open space and infrastructure; interdisciplinary research; the future of learning; the student experience; and academic regeneration. Sr. The strategic development plan is the product developed over the past several years with assistance from outside consultants. The plan outlined historical parts of campus and shared central components of the University Walk which includes Buckman Road through the Reitz Union and continues up Center Drive. COO & VP Dr. Charlie Lane presented Campus Master Plan to the Senate at the behest of the Steering Committee and this council <http://fora.aa.ufl.edu/docs//78///2019-2020//CampusMasterPlanMinusVideoSlide.pdf> Senate meeting webcast: <https://mediasite.video.ufl.edu/Mediasite/Play/3461e8a493fd42838a20498b727788551d?catalog=8456cbab10b449868436ee51ddb84dc421>

It is noted that the Data Science building construction is being postponed, likely to late summer. Extensive Inner Road underground work will also take place. The safe delivery of science-related equipment and chemicals is a concern that still needs to be discussed.

Carlos Dougnac is generating and was scheduled to share an interactive map of construction timelines related to the campus master plan with council, though this was canceled first due to a scheduling conflict, and then the outbreak of the CoVID-19 pandemic.

### UF Security Master Plan

UFPD and Chief Linda Stump-Kurnick have been developing a campus security master plan which would evaluate the usage and appropriateness of interior and exterior security cameras, and how to facilitate ease building lockdown across campus. FPD Chief Linda Stump-Kurnick and Joe Souza discussed the campus safety plan with council. Target hardening, Safewalk, Amber alert messaging, the new emergency operations center, the new global security operations center, on-campus deliveries, the Gator emergency medical response unit (GEMRU), and video security were presented and discussed.

#### *Target hardening.*

Starting with centralized access control for buildings, camera placement in public areas, and license plate readers at entrance and exits of campus, the costs are expected run about 5 million to get these initiatives started. Once buildings can be locked down, will then more effective training for active shooter can be established.

#### *Safewalk.*

There is an acknowledged need to identify paths students commonly walk especially at night, so that the University can ensure lighting and appropriate security. Physical facilities are changing lighting to LED lighting which is brighter and crisper, and are making sure trees, hedges and vegetation are trimmed.

#### *Amber Alert.*

Amber style alert messaging could be employed with shorter messages to provide the public with time sensitive alerts.

#### *New Emergency Operations Center*

As part of the new and expanded Police Department, the Public safety building will also host a newer, enlarged emergency operations center, which will track weather, and natural disasters and provide a 24/7 alert system. Goal is to have all dispatch, emergency, police operations will be in one building. Although some ancillary services may be elsewhere nearby. Aiming for 2022 opening, though this was right before the CoVID19 outbreak.

#### *New Global Security Operations Center*

Will be a room to integrate technology in one location to help get a handle on real-time criminal activity, by mapping such out. With the number of legacy buildings than compared to other institutions which are being built modernly with digital capabilities, there is a necessity to invest in the kind of technology that can identify areas of such activities to deploy resources as necessary.

#### *Deliveries*

There is a discussion within the administration removing semis and big trucks during daylight hours to move to evening so more secure for pedestrians, and locating scooter parking to a mega-scooter parking lot at the edge of campus.

#### *Gator Emergency Medical Response Unit (GEMRU)*

Consist of about 300 medical student volunteers and is part of public safety initiatives. UFPD is excited and proud to work with these students and to be part of their education. There are four on duty during

day so can help triage for special events, and daily emergency items so they can administer medications and they operate under (and are mentored) another doctor's license. They have been active for a couple of years. Their deployment does not delay service of ambulance, police crew, etc.

### *Video Security*

Within public spaces no reasonable expectation of privacy, though academic space is internal. Some cameras already installed such as Outside door of baby gator. Any video recording deployed, must keep for 30 days; if its crime, a different minimum retention schedule depending on type of crime and what is captured. Goal of a global security manager is establishing a strong, consistent policy implementation standard; and to promote good coordination between outside and inside fire units, emergency units, etc. Though it is noted that facial recognition, accounting for HIPA, FERPA, and other policies make the issue thorny.

The council questioned the efficacy glass buildings, discussing what is required when designing spaces, discussing the need to consider security for active shootings, sheltering in place, while balancing ascetics, sustainability, etc.

## Committee Reports

### Land Use and Facilities Planning Committee Report

Major Projects approved include projects: UF-373 FLMNH Special Collections Programming Phase, UF-638 Student Health Center Site Selection, UF-200 UFPD Site Selection, UF-645 Shealy Parking Deck Site Selection, UAA-53 Florida Football Training Center Maintenance Building Design Development, and UAA-53 Florida Football Training Center Schematic Design (that with a request for consideration to be made for pedestrian access to the east side of the building). Also approved was the approving Greek Monuments for the National Pan-Hellenic and the Multicultural Greek Council on the Reitz Union lawn.

Minor Projects approved by the committee were the WRUF-UPD Demolition.

Projects discussed included: the feasibility of continuing approximately nine feet of sidewalk in front of Phi Mu, and new road alignments pertaining to the IFAS research drive to Archer Road and the corresponding new Archer Road entrance.

### University Libraries Committee Report

University Libraries projects include: Library West remodeling of the first-floor entrance and the adjacent seating space in the cafe area, Library East conference room and office construction, installation of new entry signage for Marston, Education, Health Sciences, and Architecture & Fine Arts libraries, remodeling the library material processing and staff space on the second floor of Library West to include the creation of an office suite to make it easier for students and faculty to access library personnel for support from data management, scholarly communications, and other key consultative services. The creation of a new consolidated workspace for the Library IT hardware unit has also been approved.

### Sustainability Committee Report

The amount of litter during campus commencement is being evaluating, developing ways to help with monitoring this on campus. Reitz Union waste collection issues were also reviewed. AASHE STARS

ranking system used in the university's quest to towards carbon neutrality was discussed. There was also discussion to consider implementing a campaign in coordination with Transportation and Parking Services to improve the perception of buses to increase campus ridership.

The Shands Department of Facilities has won an Energy Star award for their work on reducing energy use within the Cancer Hospital.

The size of solar panels on the Law School Bruton-Geer building has tripled.

UF received its first Florida Green Building Coalition (FGBC) gold certification for the Whitney Labs construction which included solar installation. After a presentation given by Katie Karwan and Dale Morris, Business Services will engage F&B vendors in new ways to reduce waste on campus.

Positive feedback has been received regarding the Campus Connector servicing Newell Drive and the new shuttle servicing Haile Plantation. RTS' adherence to its bus schedule has been a concern voiced by students.

#### University Information Technology Committee Report

Physical Security Director Joseph Souza presented information on campus security information to the IT Committee. All new incoming students and staff required will be required to use dual authentication, and all faculty and staff will need to start using it by the Fall of 2020. Apps and tokens are available and should be accessible.

#### Parking and Transportation Committee Report

The request for resident scooter parking on the backside of Sigma Alpha Epsilon (SAE) was approved. A Florida Football Training Center design development presentation and a presentation regarding a Greek monuments plan were heard and approved. The monument design plan consists of small monument signage to highlight Greek organizations which do not currently have Greek houses on campus. The SW transportation plan was approved. (Reference item #9 in the UF Framework Plan) The committee discussed the traffic impact of the new road which will extend from Archer Road. It was agreed that the area near the Bowman Center is comparable to the size of the Mowry area and is therefore sufficiently large.

The committee is working on plans for the central energy plant project. Work is being done with stakeholders and the relevant university committees and it is projected to free up more space for research facilities in the long term.

The committee is working with administrative staff in the facility resource center to update campus maps. Interactive campus maps are needed to optimize parking options and assist with providing directions for prospective students and their parents as well as campus guests.

The committee discussed initiatives related to scooters, including a mega-scooter lot which aims to encourage an edge-of-campus scooter parking zone ideally utilized for all-day parking (i.e. in which drivers would not continually move scooters throughout the day for lunch, individual classes, etc.)

The committee discussed limiting electric car chargers to four hours.

## Lakes, Vegetation, and Landscaping Committee Report

A new policy for recreational use of Lake Alice has been promulgated, activities like boating (i.e. rafts canoes, flotation devices, and research vessels) the collection vegetation along the shore, swimming, hunting, camping, and fishing are no longer permitted, although an exception could be granted by the Environmental Health & Safety env health and safety.

A discussion to distinguish between recreational vs. academic use, along with what is considered a watershed, as in “what is Lake Alice’s watershed area?” was begun.