ITEM: FFC-1

# University of Central Florida Board of Trustees Finance and Facilities Committee

**SUBJECT:** Minor Amendment to the University of Central Florida 2015-25 Campus

Master Plan Update

**DATE:** December 7, 2016

#### PROPOSED COMMITTEE ACTION

Approve a minor amendment to the University of Central Florida 2015-25 Campus Master Plan Update to modify the Urban Design and Capital Improvements map (Attachment D) and the Capital Improvements List (Attachment C).

#### **BACKGROUND INFORMATION**

The purpose of the proposed amendment is to revise the Capital Improvements List and related map in order to add six new projects in downtown Orlando, four new projects on the main campus, and one renovation at the Florida Solar Energy Center.

The projects not located on the UCF Main Campus are included in the University of Central Florida Campus Master Plan for information purposes only and are not subject to F.S. 1013.30. The downtown projects consist of the Downtown Academic Building, UCF Downtown Campus Building II, Downtown Phase III, Downtown Phase IV, Downtown Tri-generation Facility, and Downtown Garage II. These projects constitute the UCF Downtown Campus. The Florida Solar Energy Center renovation project is a 20-acre research complex on Florida's Space Coast and adjacent to UCF's Cocoa Campus.

The projects on the main campus are Research Buildings I and II, the Center for Research and Education in Optics and Lasers (CREOL) expansion, and the softball stadium expansion and renovation. As more particularly outlined in the attached memorandum, the amendment would constitute a minor amendment that needs only Board of Trustees approval for adoption.

**Supporting documentation:** Attachment A: Memorandum from Gina Seabrook

Attachment B: Project Location

Attachment C: Capital Improvements List

Attachment D: Urban Design Map

**Prepared by:** Lee Kernek, Associate Vice President for Administration and Finance

Submitted by: William F. Merck II, Vice President for Administration and Finance and

Chief Financial Officer

#### Attachment A

#### **MEMORANDUM**

**TO:** Scott Cole, Vice President and General Counsel

**FROM:** Gina Seabrook, Construction Specialist, Resource Management

**SUBJECT:** Minor Amendment to the University of Central Florida 2015-25 Campus

Master Plan Update

**DATE:** October 31, 2016

The University of Central Florida proposes a minor amendment to the University of Central Florida 2015-25 Campus Master Plan Update to modify the Capital Improvements List (2.14 Capital Improvements Element) and the Urban Design and Capital Improvements map (Figure 3-1) in order to add six new projects in downtown Orlando, four new projects on the main campus, and one renovation at the Florida Solar Energy Center.

The downtown projects consist of a Downtown Academic Building, UCF Downtown Campus Building II, Downtown Phase III, Downtown Phase IV, Downtown Tri-generation Facility, and Downtown Garage II. These projects constitute the UCF Downtown Campus. This campus, a partnership with Valencia College, will be located at Creative Village, the largest mixed-use project in downtown Orlando. It is expected to bring over 7,000 students from UCF and Valencia to downtown Orlando at its opening and will offer students an innovative learning environment within walking distance of downtown internship and job opportunities. These opportunities for the Downtown UCF Campus arose after approval of the University of Central Florida 2015-25 Campus Master Plan Update. The Florida Solar Energy Center renovation project is a 20-acre research complex on Florida's Space Coast and adjacent to UCF's Cocoa Campus. The facility currently houses classrooms, instructional and research labs, offices, conference rooms, and support space for critical engineering programs. Research accomplished by the departments serves dozens of high-level technology industrial firms located throughout Florida and across the nation. FSEC has seen continuous use since it was built 21 years ago and is in dire need of a complete chilled-water HVAC system replacement and modernization, and it requires roof and building envelope repairs. The HVAC equipment is both obsolete and deteriorated beyond repair.

The projects on the main campus are Research Buildings I and II, a Center for Research & Education in Optics and Lasers (CREOL) expansion, and a softball stadium expansion and renovation.

The projects not located on the UCF Main Campus are included in the University of Central Florida Campus Master Plan for information purposes only and are not subject to F.S. 1013.30.

## Regarding the projects on the UCF Main Campus:

- The two research buildings are included on line 39 of the Capital Improvement Project List as part of the "Partnership Campus," which is the area located south of the softball stadium. UCF aspires to be recognized as a preeminent state research university and has set strategic goals to become a Top 50 research university by 2035. UCF is committed to a robust portfolio of research, scholarship, and creative activities across all disciplines, contributing to the creation of new knowledge. Specific metrics have been designed to meet preeminence, including doubling research awards from \$133 million to \$250 million and achieving a level where at least 25 percent of graduate degrees awarded are research-focused.
- The CREOL Expansion is an addition to an existing facility. The College of Optics and Photonics and CREOL have grown in size and in stature. A new undergraduate program offering a Bachelor of Science degree in Photonic Science and Engineering began in Fall 2013 and has already attracted more than 100 new students. Five new faculty have been added since 2014. External research funding increased from an annual average of \$11.3 million in 2010-11 to 2014-15 to \$17 million in 2015-16. The College contributes about 13 percent of UCF's total research funding.
- The softball stadium expansion and renovation project is located in the area of the
  existing softball stadium and where the University of Central Florida 2015-25
   Capital Improvements List shows on Line 75, a Softball Practice Field.

An amendment to a campus master plan must be reviewed and adopted under subsections (6)-(8) of F.S. 1013.30 if such amendment, alone or in conjunction with other amendments, would:

(a) Increase density or intensity of use of land on the campus by more than 10 percent;

#### University Response:

- The proposed Research Buildings I and II add up to <u>262,881</u> additional square feet within the Academic Land Use component of the campus. As the total square footage for buildings on campus is over eight million square feet, this addition constitutes a .032 percent change in overall campus square footage and, therefore, does not trip the 10 percent threshold for density or intensity of use of land on campus.
- The CREOL Expansion adds approximately <u>14,000</u> square feet within the Academic Land Use component of the campus. This addition constitutes a .00175 percent change in

- overall campus square footage and, therefore, does not trip the 10 percent threshold for density or intensity of use of land on campus.
- The softball stadium expansion and renovation adds approximately 10,000 square feet to a facility within the existing Recreation and Open Space Land Use category. UCF has over 298 acres of Recreation and Open Space Land Use on campus. Hence, this addition constitutes a .029 percent increase in density or intensity within the Recreation and Open Space Land Use category and does not trip the 10 percent threshold for density or intensity of use.
- (b) Decrease the amount of natural areas, open space, or buffers on the campus by more than 10 percent:

## University Response:

- The proposed Research Buildings I and II are located within the Academic Land Use and not within the Recreation and Open Space Land Use, which includes natural areas and open spaces on campus; therefore, they do not trip the 10 percent threshold for decreased natural areas, open spaces, or buffers on campus.
- The proposed CREOL Expansion is located within the Academic Land Use component and not within the Recreation and Open Space land use; therefore, it does not trip the 10 percent threshold for decreased natural areas, opens spaces, or buffers on campus.
- The proposed softball stadium expansion and renovation is located within the Recreation and Open Space Land Use on campus and does not remove any square footage from the 298 acres of Recreation and Open Space Land Use on campus; therefore, it does not trip the 10 percent threshold for decreased natural areas, open spaces, or buffers on campus.
- (c) Rearrange land uses in a manner that will increase the impact of any proposed campus development by more than 10 percent on a road or on another public facility or service provided or maintained by the state, the county, the host local government, or any affected local government.

#### University Response:

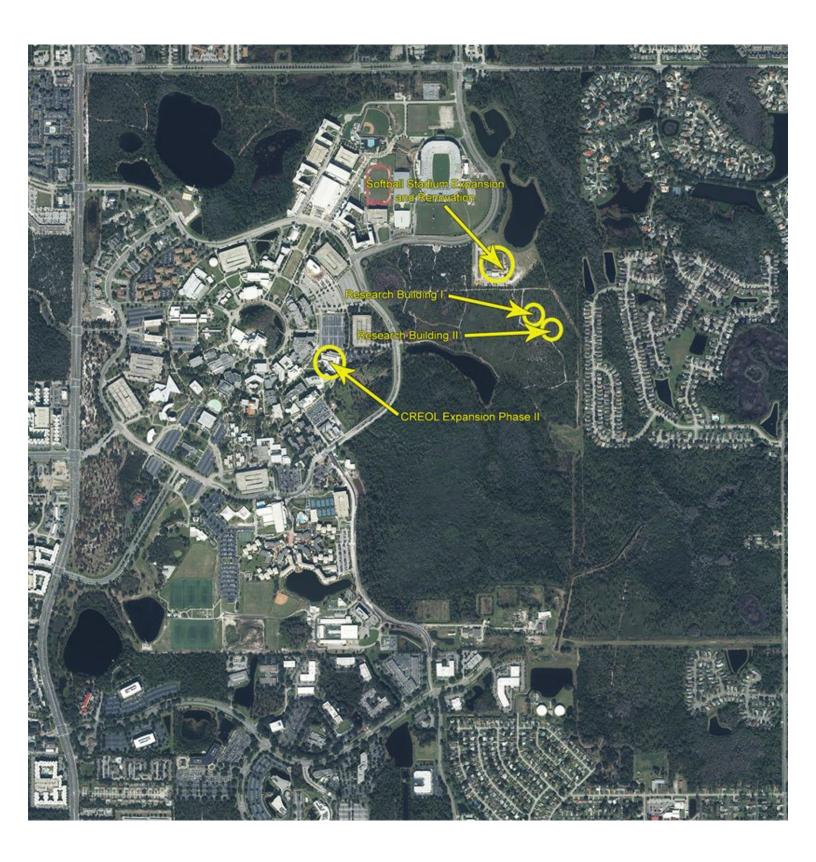
• The proposed Research Buildings I and II will constitute <u>262,881</u> square feet within the Partnership Campus site, which consists of 50 acres of currently unbuilt Academic Land Use. Each of the facilities will accommodate approximately 50 principle investigators. This number will have no impact on utilities and de minimis impact on transportation. Consequently, it will have less than 10 percent impact on a road or service provided or maintained by the state, county, host local government, or any affected local government.

- The proposed CREOL Expansion constitutes <u>14,000</u> square feet within the Academic Land Use component of the campus and will serve existing research faculty.
   Consequently, it will have less than 10 percent impact on a road or service provided or maintained by the state, county, host local government, or any affected local government.
- The softball stadium expansion and renovation adds <u>10,000</u> square feet of build space within the Recreation and Open Space Land Use. The expansion comprises 400 seats, a shade structure, and a new press box. With only 11 home games, it will have less than 10 percent impact on a road or service provided or maintained by the state, county, host local government, or any affected local government.

In summary, the proposed facilities do not exceed the amendment threshold criteria in 1013.30 (9), F.S. and may therefore be treated as a minor amendment.

Thank you for your time and attention to this matter. If you require additional information, please contact me at (407) 823-5894.

# Attachment B



#### Attachment C

Section   Property					Attachn										
PROPERTY   19															
March   Marc			CAPITA	AL IMPROVE	MENTS LIST							v.			
Company   Comp		*Fund	22,890 2015-16	23,128 2016-17	23,484	23,661 2018-19	23,661	23,646	23,833	24,038 2022-23	24,237 2023-24	24,591 2024-25			
Common   C		Type	YR #1	YR #2	YR #3	YR #4	YR #5	YR #6		YR #8	YR #9	YR #10	Net	Gross	Total Estimated Cost (\$M)
MATERIAL PROPERTY   1965   1	1 ENGINEERING BUILDING I RENOVATION	PECO	\$13,954,277	\$925,000									118,186	130,885	14,879,277
	3 UTILITIES, INFRASTRUCTURE	PECO		\$14,000,000	\$14,000,000	\$14,000,000	\$14,000,000	\$14,000,000	\$14,000,000	\$14,000,000	\$14,000,000	\$14,000,000	N/A	N/A	140,000,000
Company company	4 JOHN C. HITT LIBRARY RENOVATION PHASE II 5 INTERDISCIPLINARY RESEARCH AND INCUBATOR FACILITY		\$3,500,000 \$5,924,183	\$29,500,000 \$33,852,470	\$3,500,000 \$5,924,183								222,387 78,676	226,506 118,013	36,500,000 45,700,836
			\$7,500,000 \$5,000,000	\$40,000,000	\$5,000,000								100.396	150.594	7,500,000
STATE   1995	8 MILLICAN HALL RENOVATION	PECO	40,000,000	\$349,418	\$6,363,058	\$349,418							87,742	88,680	
Company	10 CHEMISTRY RENOVATION	PECO				\$539,843									10,895,024
Company   Comp	12 VISUAL ARTS RENOVATION AND EXPANSION	PECO			\$4,856,238		\$3,000,000						79,373	85,000	30,000,000
Description															27,793,890 73,500,000
Company	15 PARTNERSHIP IV	PECO	\$2,450,000	\$19,600,000	\$2,450,000								78,294	117,442	24,500,000
Control   Cont	17 COLBOURN HALL RENOVATION												73,500		
	19 COLLEGE OF SCIENCES BUILDING RENOVATION	PECO PECO			\$6,564,996	\$652,249 \$317,437	\$2,539,494	\$317,436					86,149 49,580	93,860 54,644	7,217,245
Company   Comp	20 REHEARSAL HALL RENOVATION				62 400 000	\$48,007	\$384,055	\$48,006					9,322	10,743	480,068
Security Region   Security   Se	22 FACILITIES BUILDING AT LAKE NONA	B,P			\$600,000	\$4,800,000	\$600,000						13,866	20,799	6,000,000
Security Region   Security   Se	23 RECYCLING CENTER 24 HUMANITIES AND FINE ARTS II (Phase I)	PECO				\$2,772,353	\$17,060,631	\$2,772,353					58,362	87,543	22,605,337
3 AND MINESCO.  AND MANUAL PRINCIPLE AND ADDRESS OF A COLUMN STATES OF	25 SIMULATION AND TRAINING BUILDING	PECO PECO				\$2,370,336 \$1.584,527	\$18,410,374 \$12,307,012	\$2,370,336 \$1,584,527					39,950 41.118	59,924 61,677	23,151,046 15,476,066
Security   Property	27 EDUCATION BUILDING II	PECO				\$2,062,318	\$15,594,083	\$2,062,318					51,479	77,219	19,718,719
Control   Cont	29 ARTS COMPLEX PHASE III	PECO				\$1,210,857	\$7,627,447	\$1,210,857						38,171	10,049,161
STATE OF MEMORY MARKET MEMORY MARKET MEMORY   P. 1.	31 COASTAL BIOLOGY STATION	PECO			\$2,500,000										2,500,000
Section   Part   Section   Part   Section   Part   Section   Part   Section   Part	33 CENTER FOR EMERGING MEDIA BUILD OUT							l			\$17,330,596	\$2,370,336			22,071,268 6,360,339
STATES   PARTICIPATION   PAR	34 ROSEN STORAGE SHED	P													225,000
STATE   STAT	36 TEMPORARY ATHLETICS FOOTBALL GAME DAY PARKING		\$50,000				M 445 ///	60.175.075	es 145 cc :						50,000
PATENDAM	38 HUMANITIES AND FINE ARTS II (Phase II)	PECO					\$1,145,664	\$9,165,312	\$1,145,664	\$1,107,260	\$8,600,076	\$1,107,260			11,456,640 10,814,596
STANDAMENT CATES   Part	39 PARTNERSHIP CAMPUS 40 CAPITAL IMPROVEMENT RESERVE	PECO PECO											N/A N/A	N/A N/A	0
LAMES   1900   10   10   10   10   10   10	41 SUSTAINABILITY CENTER (Phase I)	PECO, C		\$1.160.667	\$14 508 322	\$1.741.000				\$5,000,000			5,000	7,500	5,000,000
STATE   STAT	43 SUSTAINABILITY CENTER (Phase II)	PECO, C		\$1,160,667	314,303,333	\$5,000,000							5,000	7,500	5,000,000
SPECIAL PRINCE MERCANICH   P. 2   WORDING   P. 2   WORD	45 CREATIVE VILLAGE GARAGE	P,B	\$15,000,000												15,000,000
## PARTY PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PARTY PROPERTY PROPERTY OF THE PARTY PROPERTY PROPER	46 SPECIAL PURPOSE HOUSING AND PARKING GARAGE I 47 SPECIAL PURPOSE HOUSING II												21,333	160,000 32,000	25,000,000 8,000,000
GELEVIN COLOR PROPERTIES	48 PARKING DECKS	P, B													17,000,000
CAMAGE PASSINES    1	50 REFINANCE UCF FOUNDATION PROPERTIES	P, B	\$37,410,000										288,167	432,250	37,410,000
AMERICAN PART   1985	52 GARAGE EXPANSION	P. B											33,891	50,837	5,000,000
ADVINIT DESIGNATE   P.   MARGINE	54 FACILITIES BUILDING AT LAKE NONA	P, B	\$6,000,000						\$14,258,248	\$114,065,986	\$14,258,248			20,799	6,000,000
AMANGRIP CAMACE   P.   \$   \$   \$   \$   \$   \$   \$   \$   \$	55 EXPO CENTER HOUSING														16,000,000 28,000,000
MARGILLA STABURI MENDEN PRINTED   P.   M.   M.   M.   M.   M.   M.   M.	57 PARTNERSHIP GARAGE	P, B	\$7,000,000										994,900		7,000,000
STATE   STAT	59 BASEBALL STADIUM EXPANSION PHASE II	P, B	\$4,500,000										3,800	5,700	4,500,000
STANSCOMPLE PRIMER   P. B. SARROW	60 BASEBALL CLUB HOUSE EXPANSION AND RENOVATION 61 BRIGHTHOUSE NETWORKS STADIUM EXPANSION AND IMPROVEMENTS PHASE I	P, B	\$1,000,000 \$11,000,000											21,337	1,000,000 11,000,000
4 TENNE COMPLET PIASE	62 WAYNE DENSCH SPORTS CENTER EXPANSION 63 TENNIS COMPLEX PHASE I	P, B	\$1,000,000 \$1,400,000											18,000 7,470	1,000,000
MITTERPORT MIDICAL RESEARCH AND PACTATOR FACILITY	64 TENNIS COMPLEX PHASE II	P, B	\$1,000,000												1,000,000
Fig.   STAILAND NOT HOME AND NOT WELL AND AND PROPERTY   F. B.   STANDARD   F. B.   STA	66 MULTI-PURPOSE MEDICAL RESEARCH AND INCUBATOR FACILITY	P, B	\$112,863,923												112.863.923
Fig.   STAILAND NOT HOME AND NOT WELL AND AND PROPERTY   F. B.   STANDARD   F. B.   STA	68 BIO-MEDICAL ANNEX RENOVATION AND EXPANSION	P, B	\$12,800,000												15,000,000 12,800,000
1   NASTRICTURE AND STREWORK LAKE MANG CLINICAL FACILITIES	70 DENTAL SCHOOL		\$75,000,000	\$73,000,000											75,000,000
The contract of the contract	71 INFRASTRUCTURE AND SITEWORK LAKE NONA CLINICAL FACILITIES	P, B	\$100,000,000		\$10,000,000								N/A	N/A	10,000,000
15 SPITALL PRACTICE FIELD	73 BRIGHT HOUSE NETWORKS STADIUM AND IMPROVEMENTS PHASE II	P, B											14,225		5,000,000
77   WOMEN COMPETTION AND PRACTICE FIELD	75 SOFTBALL PRACTICE FIELD	P.B	\$250,000 \$250,000										2,800 N/A	N/A	850,000 250,000
	76 ATHLETICS PRACTICE FIELD 77 WOMENS COMPETITION AND PRACTICE FIELD	P, B	\$2,000,000							<u> </u>	<u> </u>	<u> </u>	N/A	N/A	2,000,000
10   10   10   10   10   10   10   10	78 BASEBALL PRACTICE FIELD 79 BASKETBALL PRACTICE FACILITY	P. B	\$12,000,000										32,000	48,000	400,000 12,000,000
12   STATES CENTER   P. B.   \$15,000,000	80 RECREATION AND WELLNESS CENTER PHASE III	P, B	\$20,000,000										5,200	7,800	20,000,000
MARCH   MARC	82 EAST ATHLETICS CENTER			6050.007									11,706		15,000,000
100 REAL LAKE MANA	83 CARACOL in RELIZE	C													350,000 7,500,000
SECTION   PRINT CHILDREN   PE   SQUADO   SQUAD	85 ORLANDO REPERTORY THEATRE III RENOVATIONS 86 RESEARCH LAB, LAKE NONA	C C, P, B	\$6,412,845		\$75,000 \$9,180,000	\$75,000								12,000 198,027	225,000 112,861,603
50   MARING CARGE VIII	87 FOOD RETAIL VENUE 88 HOTEL AND CONFERENCE CENTER	O P	\$60,000,000	\$2,500,000				1					190 000	250.000	2,500,000 60,000,000
	89 PARKING GARAGE VII	B CTTE P			640 471 027								242,667	364,000	20,000,000
STREAM   COUNTY   C	91 LAKE CLAIRE RENOVATION	CITF	\$3,000,000	\$40,471,92b	340,4/1,926								100,000	150,000	3,000,000
STEEDING HOPEUR III	92 CREATIVE SCHOOL FOR CHILDREN 93 STUDENT UNION II (Phase I)	CITF	\$14,000,000										37,800		6,000,000 14,000,000
MATCHINE PARK PLANE PARK PARK PARK PARK PARK PARK PARK PARK	94 STUDENT UNION II (Phase II) 95 STUDENT UNION II (Phase III)		\$21,000,000										60,000		6,000,000 21,000,000
Second   Property	96 RWC PARK PHASE IV		\$5,000,000	\$60,000,000									32,000	48,000	5,000,000
15   15   15   15   15   15   15   15	98 CREOL EXPANSION PHASE II			,,	\$6,784,228								10,208	13,900	6,784,228
15   15   15   15   15   15   15   15	99 DOWNTOWN CAMPUS COMBINED HEAT AND POWER PLANT (TRI-GENERATION) 100 TEACHING HOSPITAL AT LAKE NONA	E&G P			515,118,178								11,000	13,000	15,118,178
100   DOWNTOWN SELLENKE   PECO, P. LAG   S7777.335   S0000000   T160.55   T22,000   T7777.   T160.000	101 DOWNTOWN PARKING GARAGE II 102 FLORIDA SOLAR ENERGY CENTER RENOVATION	B PECO			\$15,300,000	\$10,000,000								200,000	15,300,000 \$10,000.00
185   DON'TON'N PILASE   PECO, PLAGE   PEC	103 DOWNTOWN BUILDING II	PECO, P, E&G						\$77,717,325		\$20 000 000			150,325	222,000	77,717,325
19  REASKER BUILDING   PECO   S6,096,20   S5,096,20   S5,096,00   S6,096,20   S5,096,00   S7,029   S	105 DOWNTOWN PHASE IV	PECO, P, E&G					64.00		64.05	\$42,164,850					
TOTAL New Campus Sq. Ft.	107 RESEARCH BUILDING II	PECO PECO					\$6,058,800 \$6,609,620	\$48,470,400 \$52,876,800	\$6,058,800 \$6,609,600				85,019 91,929	126,258 136,623	60,588,000 66,096,020
	108 SOFTBALL STADIUM EXPANSION AND RENOVATION TOTAL	P, B			\$10,200,000					Nes	v Campus S	q. Ft.			10,200,000

Funding sources denote probable building completion year Projects in green denote projects planned off-campus. Projects in blue denote renovation and/or remodeling projects

\*Fund Types:
PECO (Public Education Capital Outlay), C (Courtelis), P (Private),
B (Bond), CITF (Capital Improvement Trust Fund), O (Other)

## Attachment D

