

THURSDAY, NOVEMBER 15, 2018
MASTER PLANNING AND FACILITIES COMMITTEE MEETING

Alexander R. Fischer
James D. Klingbeil
Timothy P. Smucker
Brent R. Porteus
Alan A. Stockmeister
Janice M. Bonsu
Robert H. Schottenstein
Michael J. Gasser (*ex officio*)

Location: Longaberger Alumni House
Mount Leadership Room

Time: 8:00-9:45am

ITEMS FOR DISCUSSION

- | | |
|--|-------------|
| 1. <i>Physical Environment Scorecard – Mr. Kasey</i> | 8:00-8:05am |
| 2. <i>Major Project Updates – Ms. Readey</i> | 8:05-8:15am |
| 3. <i>Capital Projects Annual Report: Fiscal Year 2018 – Ms. Readey</i> | 8:15-8:30am |
| 4. <i>Resource Stewardship and Ohio State Energy Partners Scorecards – Ms. Readey, Mr. Kasey</i> | 8:30-8:40am |
| 5. <i>Arts District and 15th & High Update – Mr. Myers</i> | 8:40-8:50am |

ITEMS FOR ACTION

- | | |
|---|-------------|
| 6. Approval to Enter into Professional Services/Construction Contracts – Ms. Readey | 8:50-9:05am |
| 7. Approval for Acquisition of Real Property – Mr. Myers | 9:05-9:10am |
| 8. Approval to Enter a Ground Lease – Mr. Myers | 9:10-9:15am |
| 9. Approval to Enter a Joint Use Agreement – Mr. Myers | 9:15-9:20am |

Executive Session

9:20-9:45am

PHYSICAL ENVIRONMENT	Actual Prior Year Same Period (FY18 YTD)	FY19 Year-To-Date				FY19 Annual Target (Budget)	Comments
		Actual	Target (Budget)	Target %Var	Actual vs Target		
A. FINANCIAL							
1. A&P Tot. Operating Expenses (General & Earnings Funds)	\$21,866,738	\$25,583,588	\$25,816,899	-4.6%		\$134,738,712	
B. OPERATIONAL							
1. %Total Projects Completed on Time	94.0%	87.5%	90.0%	-2.8%		90.0%	
2. %Total Projects Completed on Budget	98.8%	97.7%	90.0%	8.6%		90.0%	
3. Capital Investment Program Spend *	\$308.3	\$376.5	\$492.1	-23.5%		\$492.1 M	Metric is measured Quarterly, showing Year-End FY18 Values; in Millions
4. Facility Condition Index % - Conditioned Academic/Research Bldgs	74.7%	74.3%	80.0%	-7.2%		80.0%	Avg. composite FCI to-date.
5. CABS Riders	330,476	535,807	505,000	6.1%		4,295,000	Expanded route coverage is the reason for the year over year ridership increase.
6. All Parking Garage Occupancy % **	82.2%	81.0%	85.0%	-4.7%		85.0%	YTD (Jul-Aug) Occup%: Transient= 73%, Permit= 95%, Mixed= 90%
7. WMC Parking Garage Occupancy % **	90.4%	90.0%	85.0%	5.9%		85.0%	YTD (Jul-Aug) Occup%: Transient= 95%, Permit= 85%, Mixed= 97%
8. Sum of Daily Temporary Parking Space Closures	108,143	5,496	5,000	9.9%		20,000	Key drivers: 10th Ave, Buckeye Village, KRC, Orton Hall, Converse Hall, South Oval Drive, Scarlet, and Woody Hayes Athletic Center.
9. Broadcast Audience (Viewers, Listeners)	529,350	537,150	529,350	1.5%		566,200	Changed metric - Only TV monthly households & 89.7/101 Radio Weekly Ave Cume
10. Digital Audience (Unique Visitors, Video Views, Digital Audio)	727,554	1,042,573	727,554	43.3%		646,984	Increase in all platforms esp. web traffic (12th district special election, Urban Meyer stories)
C. SAFETY							
1. EHS Recordable Accident Rate (CYTD):	1.61	1.40	2.00	-30.0%		2.00	2018 Calendar YTD
2. Major On-Campus Crimes (theft, burglary, assault, arson, etc.)	75	77	79	-2.5%		477	Record Mgmt Sys. Data unaudited at time of retrieval
3. Average Police Response Time to High Priority Calls for Service	4:36	4:49	5:00	-3.7%		5:00	
4. Traffic Accidents Injury	5	6	6	0.0%		31	Record Mgmt Sys. Data unaudited at time of retrieval
5. Traffic Accidents Non-Injury	47	52	47	10.6%		339	Record Mgmt Sys. Data unaudited at time of retrieval
6. Off-Campus Crime Statistics	389	363	389	-6.7%		1,742	Record Mgmt Sys. Data unaudited at time of retrieval

* For B3. Capital Investment Program Spend, Green = "Target %Variance" of + or - 10%, with an additional Yellow range extending 10% above and 20% below the Green range.

** For B6&7. Parking Garage Occupancy %, the target is 85% + or - 5%, with an additional 5% Yellow range in both directions.

-  Meets or surpasses Target
-  Within 10% of Target
-  Does not meet Target by >10%
-  Data Pending
-  4-Mo Target %Var improved from Prior 4-Mo
-  4-Mo Target %Var decline from Prior 4-Mo
-  Within +/- 2.5% of Prior 4-Mo Target %Var



THE OHIO STATE UNIVERSITY

Major Project Updates

Projects Over \$20M

November 2018



PROJECT STATUS REPORT

CURRENT PROJECTS OVER \$20M

PROJECT	COMPLETION DATE	APPROVALS		BUDGET	ON TIME	ON BUDGET
		Des	Con			
Schottenstein Expansion	10/2018	✓	✓	\$31.5M		
Schumaker Student-Athlete Development Complex	10/2018	✓	✓	\$43.0M		
Covelli Multi-Sport/Jennings Wrestling	5/2019	✓	✓	\$49.7M		
700 Ackerman – Consolidated Call Center	5/2019	✓	✓	\$21.8M		
Ohio Stadium Upgrades	8/2019	✓	✓	\$39.1M		
Cannon Drive Relocation – Phase 1	12/2019	✓	✓	\$51.9M		
OSU East – West Wing Expansion/Renovation	3/2020	✓	✓	\$26.0M		
Health Sciences Faculty Office and Optometry Clinic	3/2020	✓	✓	\$28.3M		
Wooster - New Laboratory Building	4/2020	✓		\$33.5M		
Postle Partial Replacement	6/2020	✓	✓	\$95.0M		
Advanced Materials Corridor – Phase 1	6/2020	✓		\$59.1M		
Controlled Env Food Production Res Complex	7/2020	✓		\$24.0M		
WMC Regional Ambulatory Facilities (Hamilton Rd)	8/2020	✓		TBD		
Ty Tucker Tennis Center	12/2020	✓		\$21.9M		
Arts District	8/2021	✓		\$160.0M		
Celeste Lab Renovation	8/2022	✓		\$29.0M		



SCHOTTENSTEIN CENTER – NORTH EXPANSION AND CONCOURSE RENOVATION

Upgrade the concourse, create new sports program offices and provide improved visibility and functionality for the ticket office and team store operations

The building addition will include offices, create a new north entry, and align the new practice gym with the rest of the building

PROJECT FUNDING

development funds; university debt

CURRENT PROJECT BUDGET

construction w/cont	\$27.0M
total project	\$31.5M

PROJECT SCHEDULE

BoT approval	8/15
construction	5/17-10/18

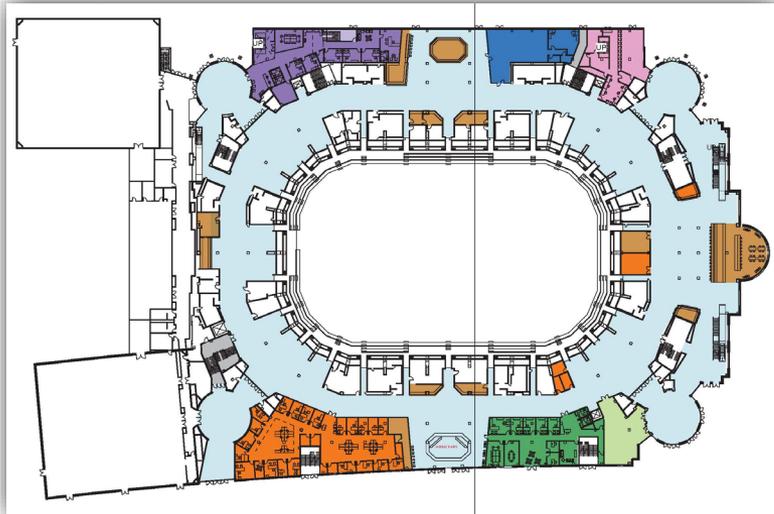
CONSULTANTS

architect of record
construction manager at risk

NBBJ
Barton Malow

PROJECT UPDATE

Exterior hardscape, landscape and paving are complete. Occupancy for the addition space has been received. The Team Store, ticket offices and sport program offices are occupied. Seven concession stands have been created or renovated. The concourse upgrades are nearly complete. Final technology coordination work is ongoing.



 On Time

 On Budget



SCHUMAKER STUDENT-ATHLETE DEVELOPMENT COMPLEX



Construct a new athletic training center with facilities for weight training and cardio conditioning, dining area, classrooms, equipment room, locker rooms and offices

The facility will replace the existing Biggs Facility, located to the west of the Woody Hayes Athletic Center

PROJECT FUNDING

development funds; university debt

CURRENT PROJECT BUDGET

construction w/cont	\$37.7M
total project	\$43.0M

PROJECT SCHEDULE

BoT approval	8/15
construction	4/17-10/18

CONSULTANTS

architect of record
construction manager at risk

HOK
Ruscilli

PROJECT UPDATE

Project construction is on schedule. Building occupancy was received in October and landscaping work continues. The adjacent road project is scheduled to open in early November



 On Time

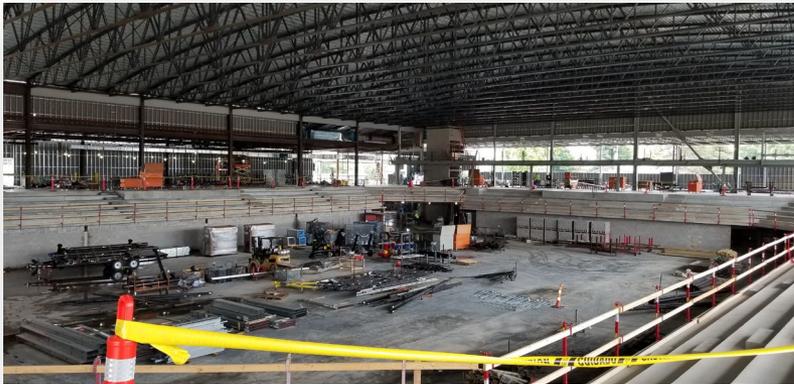
 On Budget



COVELLI MULTI-SPORT ARENA / JENNINGS FAMILY WRESTLING PRACTICE FACILITY

Construct a new multi-sport arena in the Athletics district to serve as the home for Men’s and Women’s Varsity Volleyball teams including home and visitor locker rooms

The facility will also be the home competition site for Men’s and Women’s Fencing, Gymnastics, and Men’s Wrestling



PROJECT FUNDING

development funds

CURRENT PROJECT BUDGET

construction w/cont	\$40.7M
total project	\$49.7M

PROJECT SCHEDULE

BoT approval	8/15
construction	6/17-5/19

CONSULTANTS

architect of record
 construction manager at risk

Moody Nolan
 Gilbane

PROJECT UPDATE

Interior and site work are underway. Adjacent road is scheduled to open in early November.

 On Time

 On Budget



700 ACKERMAN – CONSOLIDATED CALL CENTER

Full building renovation to house OSU Physicians, Central Scheduling and Customer Service, Health Plan, Corporate Operations and Hospital Compliance

Project will also include some minor interior renovations for 660 Ackerman and 600 Ackerman

Work includes glass replacement, partial demolition of IT/electrical systems in 700 Ackerman; tenant improvements, elevator modernization, IT/electrical/mechanical improvements in 700, restroom and partial carpet upgrades in 660, and office reconfiguration in 600 Ackerman

PROJECT FUNDING

auxiliary funds

CURRENT PROJECT BUDGET

construction w/cont	\$19.3M
total project	\$21.8M

PROJECT SCHEDULE

BoT approval	1/17
construction	10/17-5/19

CONSULTANTS

architect of record	Baxter Hodell Donnelly & Preston
construction manager at risk	Corna/Kokosing

PROJECT UPDATE

Renovation work continues on schedule. The budget is being watched closely due to unforeseen conditions early in construction.

 On Time

 On Budget



OHIO STADIUM UPGRADES

Consists of several projects to modernize and improve the Stadium including electrical upgrades; concrete coating and restoration; the addition of loge seating; renovate of existing suites; and additional donor suites and loge boxes

Construction work will be phased over several football seasons

PROJECT FUNDING

auxiliary funds; university debt

CURRENT PROJECT BUDGET

construction w/cont	\$34.1M
total project	\$39.1M

PROJECT SCHEDULE

BoT approval	4/16
construction	3/17-8/19

CONSULTANTS

architect of record
construction manager at risk

Osborn Engineering
Barton Malow

PROJECT UPDATE

Construction work has been phased over multiple seasons with the 2018 being the final season impacted. All work, including concrete repairs, deck coating, suite and loge renovations, continues on schedule. Electrical upgrade work is complete.

 On Time

 On Budget



CANNON DRIVE RELOCATION – PHASE 1

In partnership with the City of Columbus, raise Cannon Drive between King Avenue and Herrick Drive above the 500-year flood level. Phase 2, from Herrick Drive to Woody Hayes Drive, will protect the campus from the 500-year storm event.

Work will also include utility service lines under the relocated Cannon Drive and stub out piping to serve future development, as well as the restoration of the rivers edge.

PROJECT FUNDING

university funds; city of Columbus

CURRENT PROJECT BUDGET

construction w/cont	\$44.1M
total project	\$51.9M

PROJECT SCHEDULE

BoT approval	11/16
construction	8/17-12/19

CONSULTANTS

architect of record
general contractor

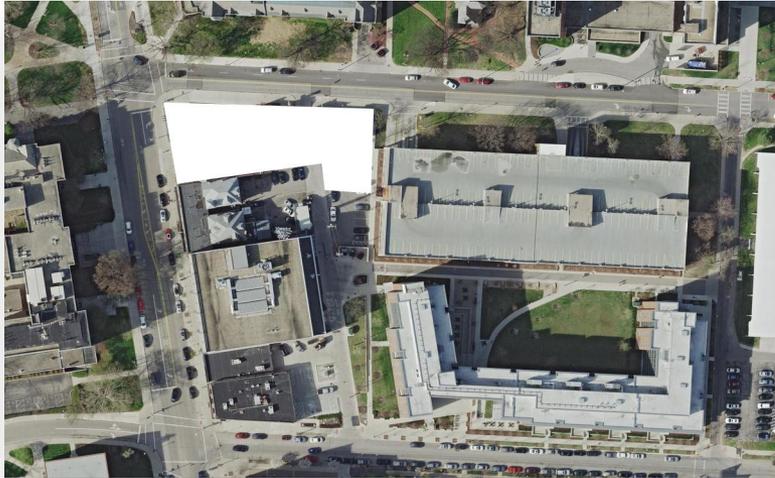
EMHT, Inc.
Kokosing

PROJECT UPDATE

State Route 315 off ramp to Medical Center Drive has reopened; the on ramp to SR315 will reopen in November. Cannon Drive between 12th Avenue and Medical Center Drive will reopen in November.

On Time

On Budget



HEALTH SCIENCES FACULTY OFFICE AND OPTOMETRY CLINIC BUILDING

Construct a building at 11th Avenue and Neil Avenue for College of Medicine faculty and an eye exam clinic and retail eyewear gallery.

PROJECT FUNDING

auxiliary funds; university funds

CURRENT PROJECT BUDGET

construction w/cont	\$25.4M
total project	\$28.3M

PROJECT SCHEDULE

BoT approval	11/17
construction	1/19-3/20

CONSULTANTS

architect of record
design-builder

Acock Associates
TBD

PROJECT UPDATE

Programming and criteria design are complete. Selection of the design-builder is underway.

 On Time

 On Budget



WOOSTER – NEW LABORATORY BUILDING

Construct a new facility for Entomology research that will include teaching labs, research space, classrooms, and a small café. The new building will connect to a central chilled water plant.

PROJECT FUNDING

university funds; state appropriations

CURRENT PROJECT BUDGET

construction w/cont	\$30.0M
total project	\$33.5M

PROJECT SCHEDULE

BoT approval	1/17
construction	10/18-4/20

CONSULTANTS

architect of record
construction manager at risk

Hasenstab Architects
Elford, Inc.

PROJECT UPDATE

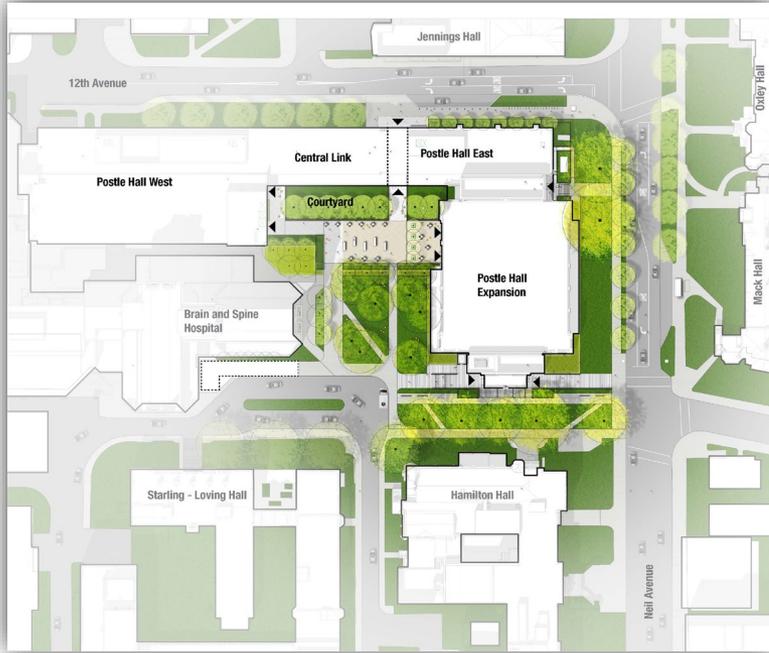
Construction work has begun.



On Time



On Budget



POSTLE PARTIAL REPLACEMENT

Replace the southern portion of the east wing and renovate/upgrade portions of the west wing

PROJECT FUNDING

development; state appropriations; department funds; university debt

CURRENT PROJECT BUDGET

construction w/cont	\$85.4M
total project	\$95.0M

PROJECT SCHEDULE

BoT approval	9/16
construction	6/18-6/20

CONSULTANTS

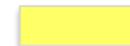
architect of record
 design architect
 construction manager at risk

Design Group
 Robert A. M. Stern Architects
 Gilbane

PROJECT UPDATE

Construction on the new building has begun; partial building demolition is complete and mass excavation has begun.

 On Time

 On Budget



ADVANCED MATERIALS CORRIDOR BMEC BIO-MEDICAL ENGINEERING COMPLEX

Renovation of the former Koffolt Lab and Fontana Lab to create research labs, offices, and classrooms

PROJECT FUNDING

state appropriations; development; department funds; university debt

CURRENT PROJECT BUDGET

construction w/cont	\$53.2M
total project	\$59.1M

PROJECT SCHEDULE

BoT approval	9/16
construction	5/18-6/20

CONSULTANTS

architect of record	Moody Nolan/Perkins and Will
construction manager at risk	Ruscilli

PROJECT UPDATE

Design work and enabling construction are complete. Building occupants have been relocated to swing space and building construction work has begun. The schedule was impacted by swing space moves which took longer than anticipated. The initial construction bid is higher than estimated for labor and materials, impacting the budget.

 On Time

 On Budget



CONTROLLED ENVIRONMENT FOOD PRODUCTION RESEARCH COMPLEX

Construct a new facility to house research and support learning in several approaches to food (plant and fish) production; research on greenhouse engineering, pest and pathogen management, and plant breeding

PROJECT FUNDING

development funds

CURRENT PROJECT BUDGET

construction w/cont	\$21.2M
total project	\$24.0M

PROJECT SCHEDULE

BoT approval	6/17
construction	4/19-7/20

CONSULTANTS

architect of record
construction manager at risk

Erdy McHenry
Corna/Kokosing

PROJECT UPDATE

Design development is underway but early design exceeds conceptual estimates. Review of scope and budget is underway with a recommendation expected in February.

 On Time

 On Budget



WMC REGIONAL AMBULATORY FACILITIES (HAMILTON RD)

Construct an approximately 222,000 square foot ambulatory building that will include ambulatory surgery, endoscopy, primary care, specialty medical and surgical clinics, and related space



PROJECT FUNDING

auxiliary funds

CURRENT PROJECT BUDGET

construction w/cont	TBD
total project	TBD

PROJECT SCHEDULE

BoT approval	4/18
construction	10/18-8/20

CONSULTANTS

architect of record
construction manager at risk

DLR Group
Daimler Group

PROJECT UPDATE

Design development is underway. Site work has begun.



On Time



On Budget



TY TUCKER TENNIS CENTER

Construct a new 75,000 GSF indoor tennis facility in the Athletics District. The new center will include 6 courts, seating for 500, men’s and women’s varsity locker rooms, training facilities and offices.

PROJECT FUNDING

university funds; development funds

CURRENT PROJECT BUDGET

construction w/cont	\$20.0M
total project	\$21.9M

PROJECT SCHEDULE

BoT approval	8/18
construction	9/19-12/20

CONSULTANTS

architect of record	TBD
construction manager at risk	TBD

PROJECT UPDATE

Professional services selection for design and estimating is underway

On Time

On Budget



ARTS DISTRICT

Renovate and expand the School of Music building and construct a new Department of Theatre building.

The project will also extend Annie and John Glenn Avenue from College Road to High Street and make modifications to College Road and adjacent pedestrian spaces.

PROJECT FUNDING

university funds

CURRENT PROJECT BUDGET

construction w/cont	\$123.3M
total project	\$160.0M

PROJECT SCHEDULE

BoT approval	11/17
construction	5/19-8/21

CONSULTANTS

architect of record
construction manager at risk

DLR Group
Holder Construction Co.

PROJECT UPDATE

Design Development is underway.

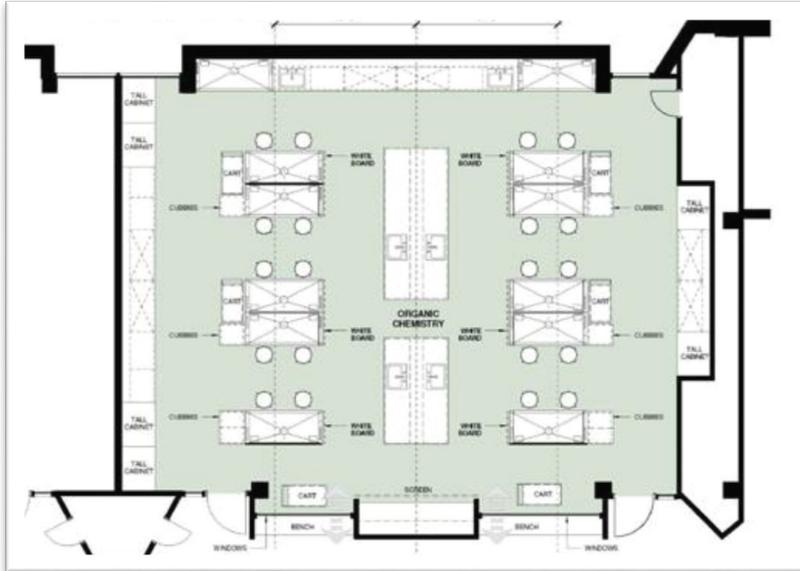
On Time

On Budget



CELESTE LAB RENOVATION

Upgrade the building mechanical, electrical and plumbing systems; renovate chemistry labs and support spaces; replace the building elevators and improve the building envelope



PROJECT FUNDING

university funds; state funds

CURRENT PROJECT BUDGET

construction w/cont	\$25.1M
total project	\$29.0M

PROJECT SCHEDULE

BoT approval	8/18
construction	8/19-8/22

CONSULTANTS

architect of record	TBD
construction manager at risk	TBD

PROJECT UPDATE

Design team and CMR selection are underway

 On Time

 On Budget



THE OHIO STATE UNIVERSITY

Capital Projects

Annual Report – Fiscal Year 2018



FY2018-22 Capital Investment Plan

FY 18 CAPITAL INVESTMENT PLAN

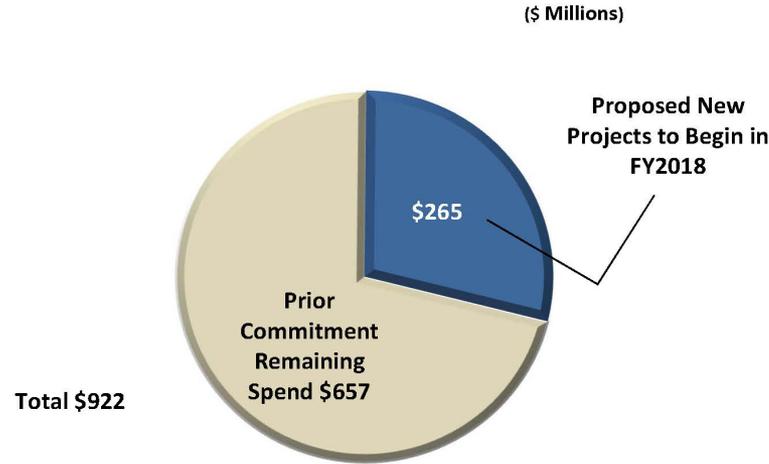


Table 1 - Prior Commitment - Remaining Spend

Line	Capital Priority	Projected Capital Expenditures					Total
		FY2018	FY2019	FY2020	FY2021	FY2022	
1	North Residential District Transformation	1.0	9.2	0.0	0.0	0.0	10.2
2	Pomerene and Oxley Renovations	27.5	7.8	0.9	0.0	0.0	36.2
3	Vet Hospital Enhancement and Expansion	3.5	0.7	0.1	0.0	0.0	4.3
4	Athletics - Student-Athlete Development Ctr	21.8	14.5	1.6	0.0	0.0	37.9
5	Athletics - Covelli Multi-Sport Arena	17.5	26.6	3.0	0.0	0.0	47.1
6	Bus Adv - Schott Concourse Reno & New Office	20.7	8.4	0.9	0.0	0.0	30.0
7	Cannon Drive Relocation - Phase I	7.0	9.7	9.0	0.0	0.0	25.7
8	Postle Partial Replacement	5.6	2.1	0.0	0.0	0.0	7.7
9	FAES - Franklin County Extension Office	2.2	2.7	0.3	0.0	0.0	5.2
10	Eng - Airport Enhancements	10.5	4.4	0.5	0.0	0.0	15.4
11	Fry Hall - Optometry Clinic Entrance	3.5	2.4	0.3	0.0	0.0	6.2
12	Ohio Stadium Upgrades	17.6	10.2	1.4	5.4	0.0	34.6
13	Wooster - New Laboratory Building	1.7	1.8	0.0	0.0	0.0	3.5
14	OSU East - West Wing Expansion/Renovation	1.5	9.5	14.5	0.5	0.0	26.0
15	Wexner Medical Center - 72-Bed Build Out	18.3	16.3	1.8	0.0	0.0	36.4
16	Roll-up of Small Projects	167.3	139.6	19.4	4.6	0.0	330.9
	Totals	327.2	265.9	53.7	10.5	0.0	657.3



Projects Approved by the Board of Trustees – FY 2018

Project Name	Approval Rec'd FY18		Project Name	Approval Rec'd FY18	
	Des	Con		Des	Con
Cannon Drive Relocation – Phase 2	✓		Health Sciences Faculty Office and Optometry Clinic Building	✓	
Waterman – Multi-Species Facility	✓		Newton Hall – Renovation and Addition	✓	
680 Ackerman – IHC/Histology Lab	✓	✓	Advanced Materials Corridor – Phase 1		✓
WHAC – East Wing Renovation	✓	✓	Wexner Medical Center Inpatient Hospital	✓	
Arts District	✓		Campus Wi-Fi System	✓	✓
Interdisciplinary Health Sciences Center	✓		Doan – 6 th and 7 th Floor NICU	✓	✓
Interdisciplinary Research Facility	✓		Service Building Annex Renovation	✓	✓
WMC Regional Ambulatory Facility	✓		OSU East – West Wing Expansion/Renovation		✓



Board Approved Projects Completed in FY 2018

PROJECT	COMPLETION	BUDGET	ON TIME	ON BUDGET
Ross – 4 th Floor Hybrid OR	8/2017	\$6.0M		
Bricker – HVAC Repair and Replacements	8/2017	\$4.7M		
Brain and Spine – 7 th Floor	9/2017	\$4.8M		
Steam and Condensate Distribution System Upgrades Phase 3	9/2017	\$11.4M		
Newark – Residence Hall	9/2017	\$13.8M		
Vet Hospital Enhancement and Expansion	9/2017	\$32.8M		
Lima Campus – New Student Life Building	3/2018	\$5.2M		
Pomerene and Oxley Halls Renovation	6/2018	\$59.9M		



Active Projects as of the end of FY 2018

	# of Projects		Total Budget	
	FY 18	FY 17	FY 18	FY 17
Emerging/Funded	81	92	\$55.6M	\$76.9M
Design/Bidding	104	92	\$235.4M	\$396.1M
Construction	271	253	\$724.9M	\$465.6M
Study	18	14	\$8.9M	\$53.4M
Total	474	451	\$1,024.7M	\$992.0M



NEW INITIATIVES

Indefinite Delivery/Indefinite Quantity (IDIQ) – Small Project Delivery

e-Builder Project Management Software

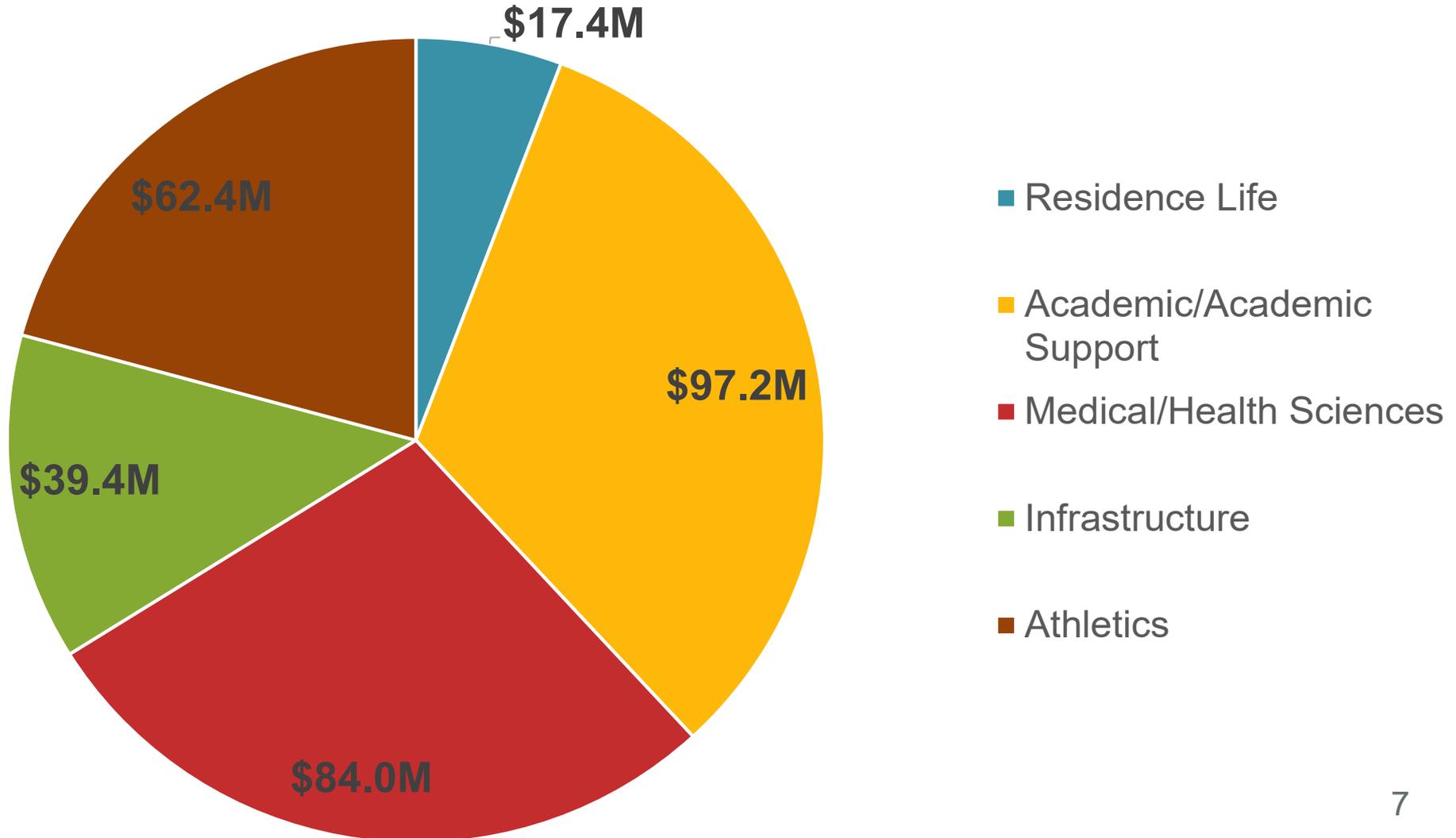
Building Design Standards Peer Review

Green Building



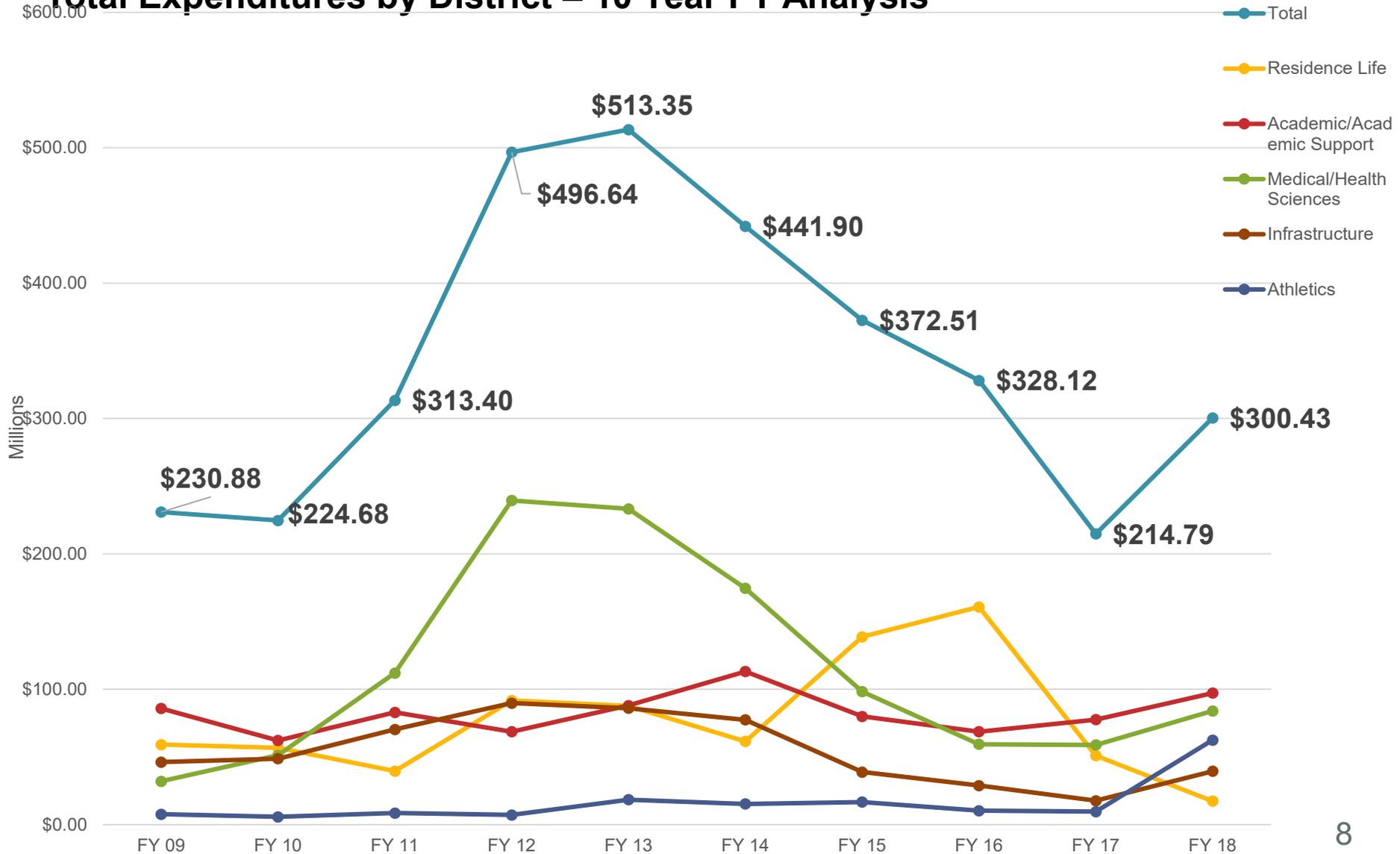
Total Expenditures by District – FY 2018

Total Expenditures = \$300.4M



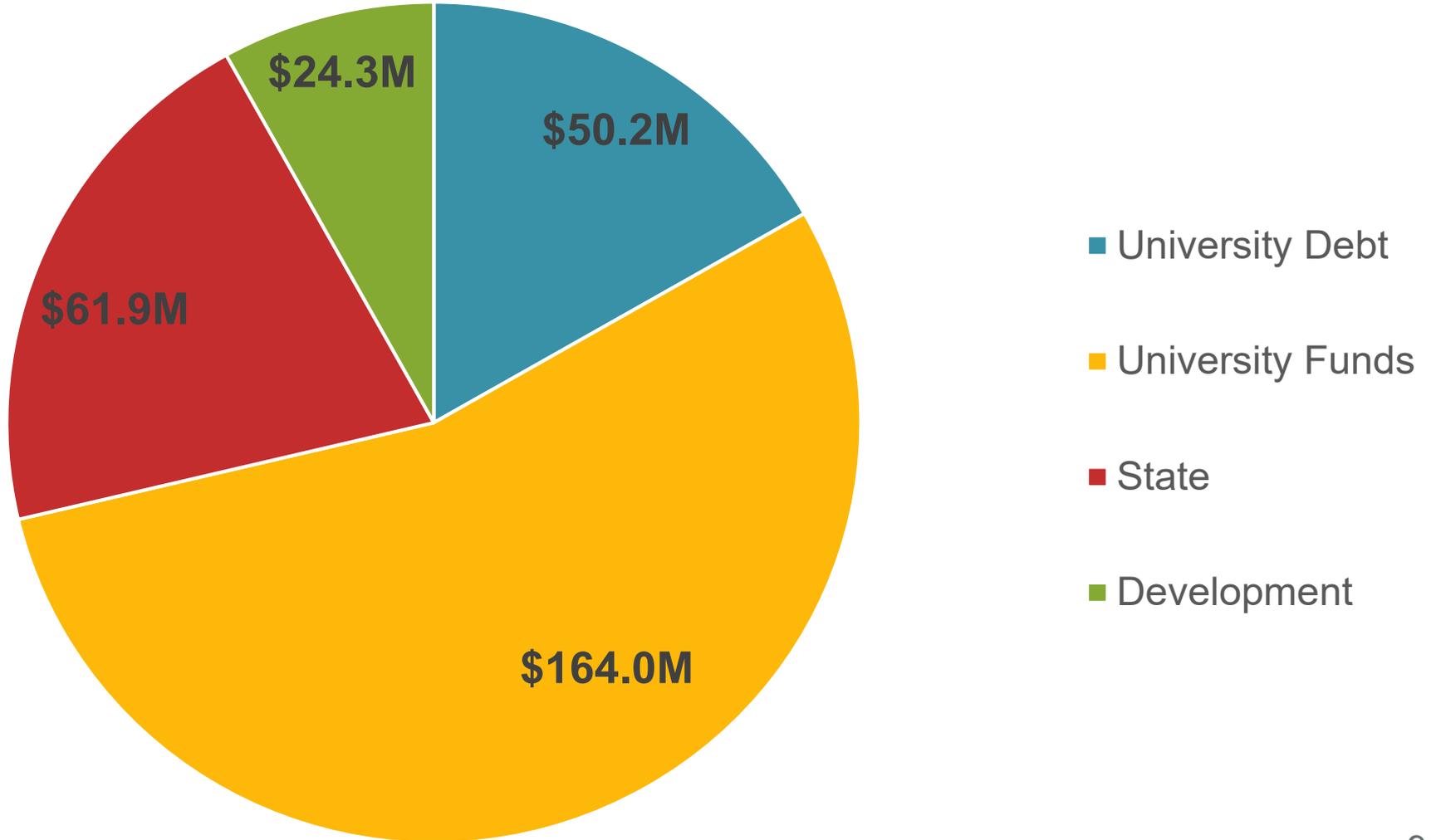


Total Expenditures by District – 10 Year FY Analysis



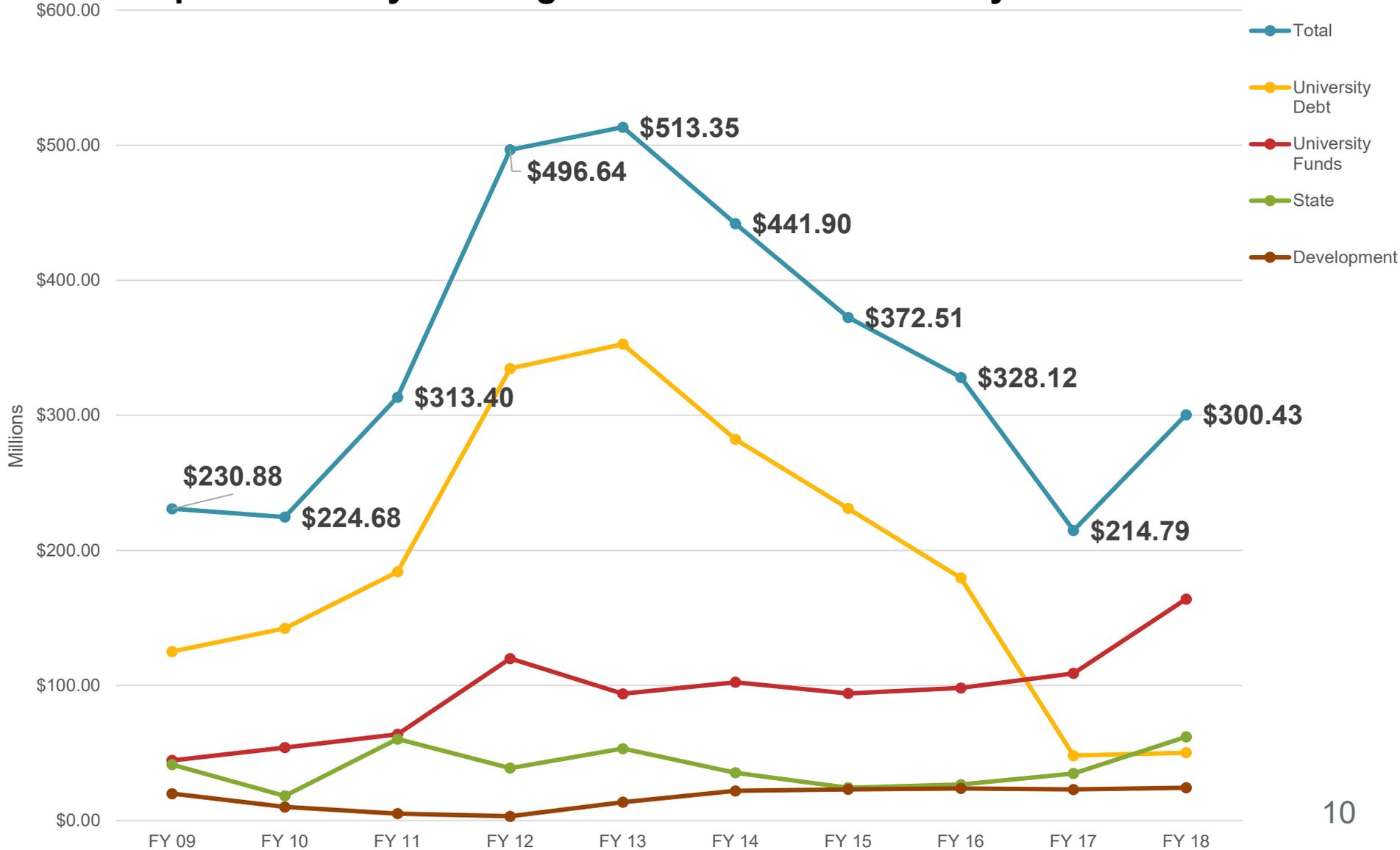


Total Expenditures by Funding Source – FY 2018
Total Expenditures = \$300.4M



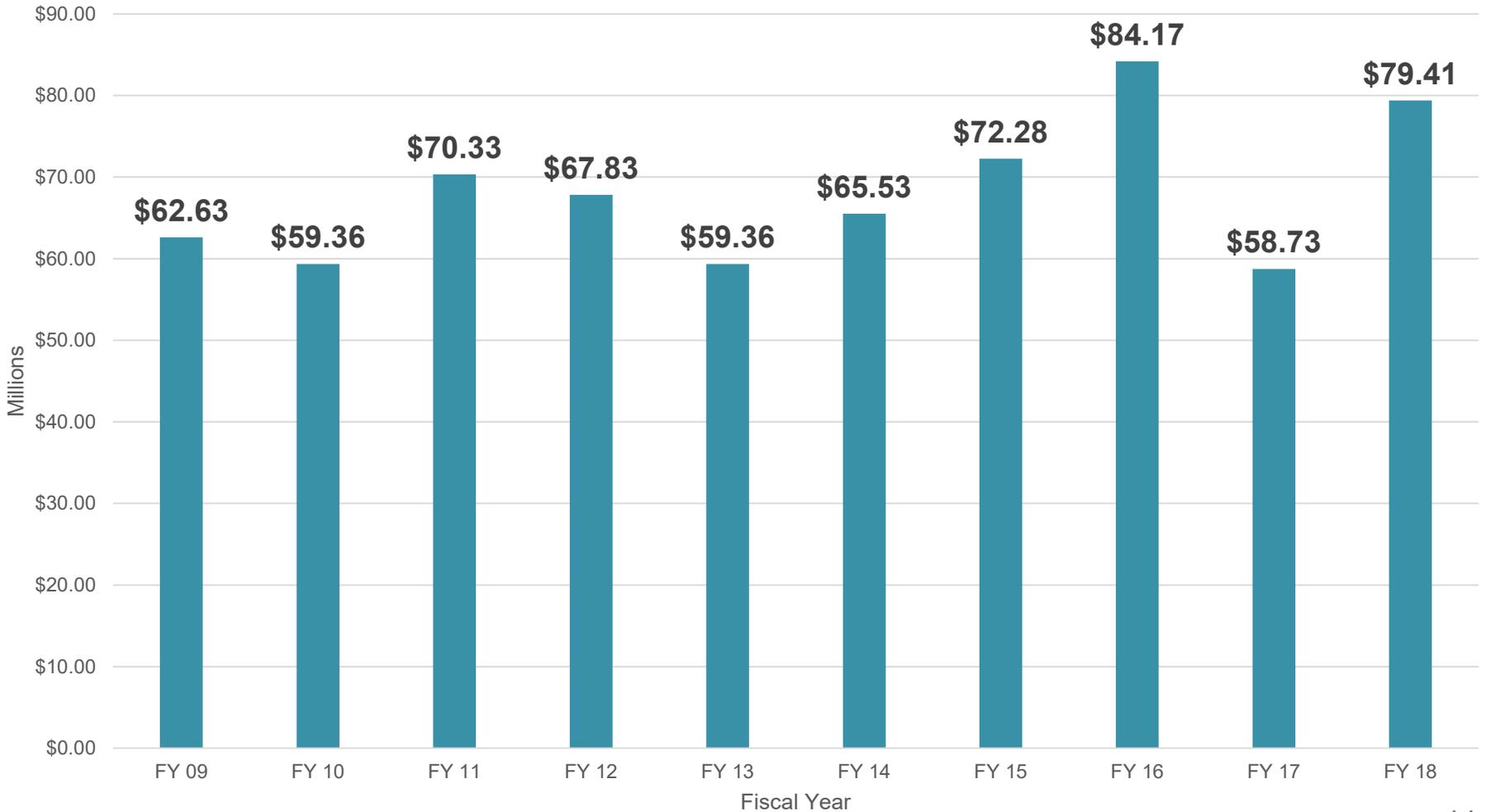


Total Expenditures by Funding Source – 10 Year FY Analysis



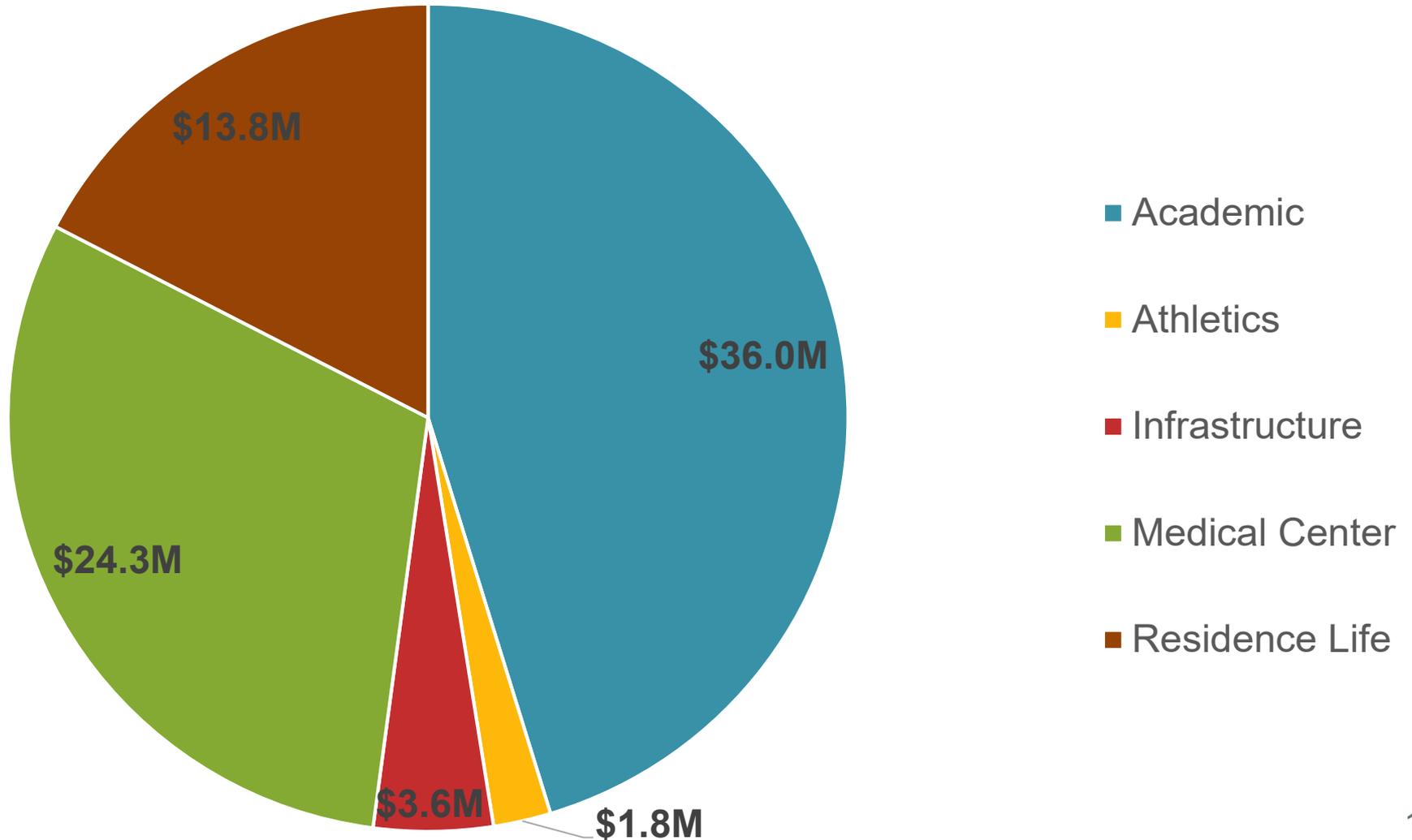


EXPENDITURES ON PROJECTS UNDER \$4M FY 2009 – FY 2018



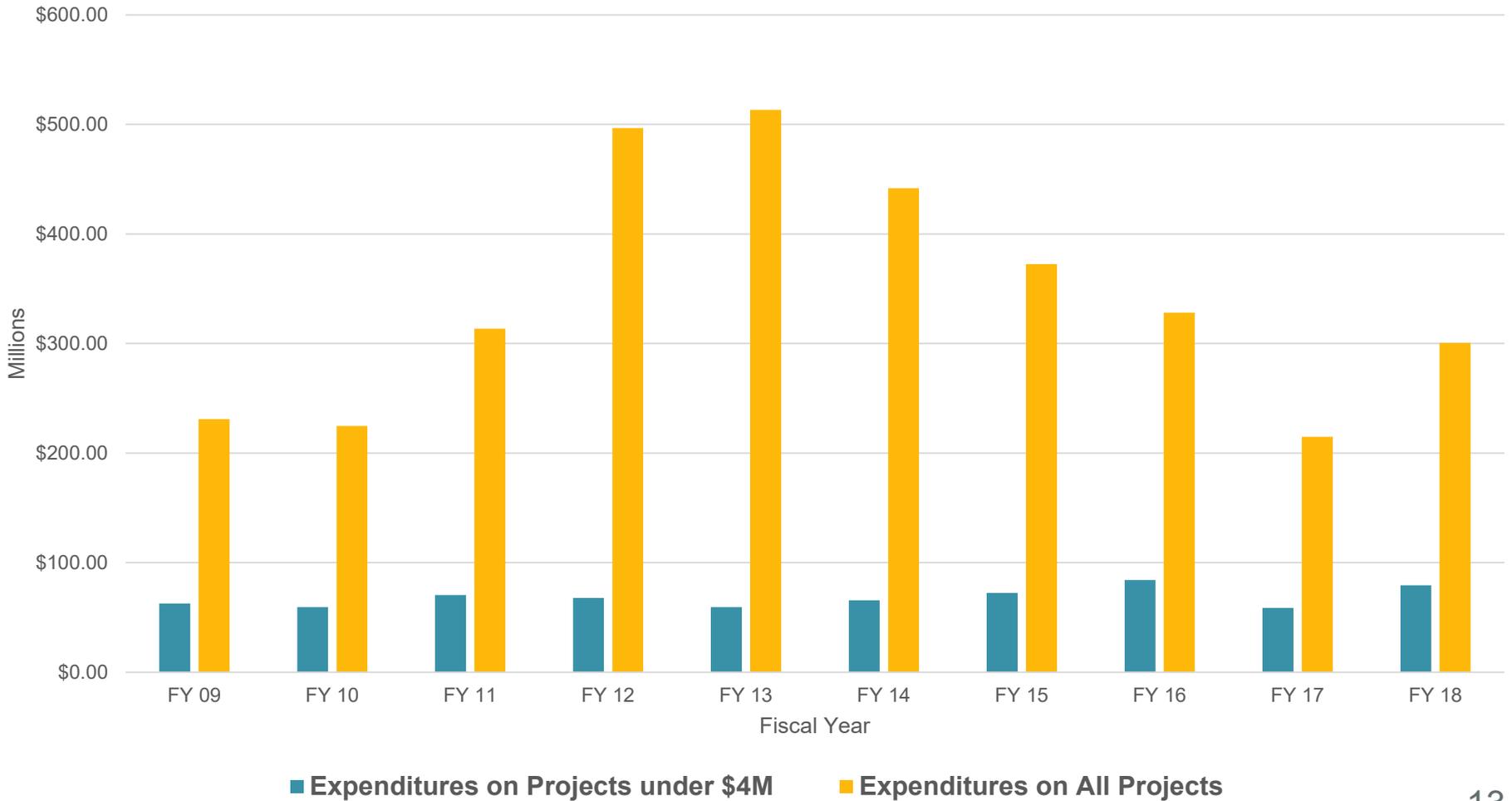


Total Expenditures by District-Projects Under \$4M – FY 2018
Total Expenditures = \$79.4M





PROJECT EXPENDITURES PROJECTS UNDER \$4M VS ALL PROJECTS FY 2009 – FY 2018





Projects Under \$4M Completed in FY 2018 by District

DISTRICT	# OF PROJECTS	TOTAL BUDGET
Academic	346	\$29.1M
Athletic	11	\$1.8M
Infrastructure	6	\$6.0M
Medical Center	131	\$18.8M
Residence Life	47	\$12.0M
TOTAL	541	\$67.8M



FY 19 CAPITAL INVESTMENT PLAN

FY2019-23 Capital Investment Plan

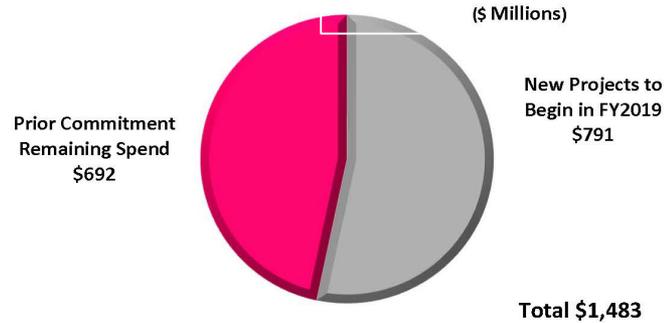


Table 1 - Prior Commitment - Remaining Spend

Line	Capital Priority	Projected Capital Expenditures					Total
		FY2019	FY2020	FY2021	FY2022	FY2023	
1	Pomerene and Oxley Renovations	8.3	2.1	0.0	0.0	0.0	10.4
2	Athletics - Schumaker Complex	12.7	3.2	0.0	0.0	0.0	15.9
3	Athletics - Covelli Multi-Sport Arena	24.5	10.5	0.0	0.0	0.0	35.0
4	Bus Adv - Schottenstein Concourse Reno & Office Const.	15.3	3.8	0.0	0.0	0.0	19.1
5	Cannon Drive Relocation - Phase I	18.8	11.2	1.2	0.0	0.0	31.2
6	Postle Partial Replacement	25.5	47.7	11.9	0.0	0.0	85.1
7	FAES - Franklin County Extension Office	4.2	1.0	0.0	0.0	0.0	5.2
8	Engineering - Advanced Materials Corridor (design)	6.0	2.6	0.0	0.0	0.0	8.6
9	Engineering - Airport Enhancements	5.3	0.6	0.0	0.0	0.0	5.9
10	Fry Hall - Optometry Clinic Entrance	0.3	1.0	0.0	0.0	0.0	1.3
11	Ohio Stadium Upgrades	9.6	6.3	0.0	0.0	0.0	15.9
12	Wooster - New Laboratory Building (design)	1.2	1.8	0.0	0.0	0.0	3.0
13	OSU East - West Wing Expansion/Renovation	11.9	8.7	1.0	0.0	0.0	21.6
14	Wexner Medical Center - 72-Bed Build Out	3.6	14.6	0.0	0.0	0.0	18.2
15	700 Ackerman Renovation	12.2	3.1	0.0	0.0	0.0	15.3
16	Arts District (design)	7.0	5.0	2.5	0.5	0.0	15.0
17	Interdisciplinary Research Center (design)	10.0	5.0	0.0	0.0	0.0	15.0
18	Interdisciplinary Health Sci Center (design)	10.0	5.0	0.0	0.0	0.0	15.0
19	Health Sciences Faculty Off. + Optometry Clinic (design)	0.8	0.0	0.0	0.0	0.0	0.8
20	Inpatient Hospital (design)	15.0	20.0	20.0	15.6	0.0	70.6
21	WMC Regional Ambulatory Facilities (design)	1.5	2.5	0.0	0.0	0.0	4.0
22	Campus Wi-Fi System	3.0	6.0	9.6	0.0	0.0	18.6
23	Roll-up of Small Projects	164.1	72.4	19.9	5.3	0.0	261.7
24	Totals	370.8	234.1	66.1	21.4	0.0	692.4

OHIO STATE SUSTAINABILITY GOALS

STRATEGIC VISION

Ohio State is recognized as a world leader in developing durable solutions to the pressing challenges of sustainability and in evolving a culture of sustainability through collaborative teaching, pioneering research, comprehensive outreach, and innovative operations, practices and policies.



TEACHING AND LEARNING

195

Environment Economy Development & Sustainability (EEDS) major graduates

80+

Student organizations conducting sustainability programming



RESEARCH AND INNOVATION

500+

Faculty conducting sustainability scholarship (including 55+ Discovery Theme hires)

\$36+M

FY18 sustainability research grants

\$150M

Ohio State Energy Partners academic collaboration



OUTREACH AND ENGAGEMENT

18

Smart Columbus Partnership student capstone projects

1 OF 13

International University Climate Change Coalition founding members



RESOURCE STEWARDSHIP

15%

Purchased electricity from renewable wind

175+

Energy Smart Meters installed through Ohio State Energy Partners

18M

Gallons of water reduced in university research labs

3+ ACRES

Restored habitat at historic Mirror Lake

22

Fleet buses converted to compressed natural gas fuel with on-site fueling station

6

Straight Big Ten Zero Waste Stadium Championships



COMPREHENSIVE, UNIVERSITY-WIDE GOAL STATEMENTS

1. Deliver a sustainability curriculum throughout the university.
2. Teach sustainability in innovative ways in and out of the classroom.
3. Reward sustainability scholarship and engagement.
4. Encourage new sustainability knowledge and solutions.
5. Foster sustainability culture on and off campus.
6. Encourage local and global sustainability partnerships.
7. Implement world-leading, university-wide goals to reduce resource consumption.
 - a. Achieve Carbon Neutrality
 - b. Reduce Energy Use by 25%
 - c. Reduce Water Use by 5%
 - d. Increase Ecosystem Services
 - e. Reduce Fleet Footprint by 25%
 - f. Achieve Zero Waste
 - g. 40% Locally/Sustainably Sourced Food
 - h. Develop Environmentally Preferred Product Standards

Operational Resource Stewardship Scorecard

Ohio State Sustainability Goal	Metric Definition	Baseline		FY18 Performance			Long-Term Metric Performance	Highlights
		FY15 Actual (Baseline)	FY17 Actual	FY18 Actual	FY18 Target	FY19 Target	Overall Target	
7a. Achieve Carbon Neutrality by 2050	Metric Tons of Carbon Dioxide Equivalent Per Year (MTeCO2/Yr)	677,767	683,956	708,964 	657,434	650,656	FY50 = 0 MTeCO2/Yr	Highlights: Renewable energy purchase (wind deal), OSEP agreement, joined University Climate Change Coalition (UC3) Next Action: Climate Action Plan, OSEP Energy Conservation Measures (ECM) Increase due to higher travel, population & natural gas usage
7b. Reduce Building Energy Consumption by 25% by 2025 (via OSEP Agreement)	Energy Utilization Index = 1000 British Thermal Units/Conditioned Gross Square Foot /Year (kBtu/GSF/Yr)	-	200.00	194.39 	199.97	198.82	FY25 = 149.98kBtu/GSF/Yr	Highlights: OSEP agreement, LED lighting retrofits for 51 buildings, audited 50 buildings for energy systems optimization, improved McCracken Boiler 7 efficiency by installing new controls and software Next Action: Smart metering upgrades, additional interior lighting ECMs, Dreese ECMs, additional ECM projects by OSEP
7c. Reduce Potable Water Consumption by 5% Per Capita Every 5 Years- reset every 5 years	Calculated as Gallons Per Weighted Campus User. Baseline is average of FY13,14 and15 (Gal/WCU)	21,755	20,261	17,573 	21,102	20,884	FY20 = 20,667 Gal/WCU	Highlights: Water metering, low-flow fixtures, Pharmacy labs water reduction, leak detection service, Mirror Lake well system Next Action: Smart metering, water utility, OSEP water study, building water audit continuation
7d. Increase Ecosystem Services Health by 6 ESI Points by 2025	Ecosystem Services Improvement (ESI) Index- Based on metrics for 11 individual Ecosystem Initiatives equated to a 0-10 scale	1.12	1.51	1.45 	1.51	2.42	FY25 = 7.15 ESI Index Score	Highlights: Multi-disciplinary panel formed, additional 15 acres of "urban meadows," Mirror Lake restoration (naturalized landscape) Next Action: Columbus campus stormwater management plan, greenway along Olentangy at Cannon Dr.
7e. Reduce University Fleet Carbon Footprint by 25% by 2025	Metric Tons of Carbon Dioxide Per Year. Baseline year is FY16 (MTCO2/Yr)	7,122	7,273	7,973 	7,400	7,800	FY25 = 5,342 MTCO2/Yr	Highlights: CNG vehicle purchase, CNG fueling station, A&P fleet rightsizing (Note: Higher carbon footprint in FY17/18 due to increased service for WMC/Carmack lots), Fleet electric vehicle charging stations Next Action: Alt. fuel vehicle incentive, EV infrastructure Increase due to 10-bus transit service expansion
7f. Achieve Zero Waste by 2025	Percentage of Materials Diverted from the Landfill (Diversion Rate)	29.2%	27.6%	27.8% 	34.0%	34.6%	FY25 = 90.0% Diversion Rate	Highlights: Increase in front load recycling, MRF feasibility study; hand dryer pilot Next Action: Develop waste sorting infrastructure, expand organics collection, Building Design Standards to accommodate waste diversion requirements

OHIO STATE SUSTAINABILITY GOALS:

Teaching and Learning- Sustainability Curriculum through a Variety of Formats and Strategies

Research and Innovation- Sustainability Scholarship, Increase Reputation as a Sustainability Research Leader

Outreach and Engagement- Long-Term Partnerships that Encourage Sustainability-Oriented Practices and Economic, Social and Environmental Welfare

Resource Stewardship- Implement Sustainable World-Leading Operational Goals

	= Exceeds Target		= Some Progress		= No Progress
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Ohio State Energy Partners Contract Scorecard

FY18 Year End - Through June 2018

Legend	
	Meets or surpasses target
	Does not meet target

10/15/18

Current Year							
Actual	Target	Target %Var	Actual Prior Yr	Actual vs Target			
A. Financial							
\$ 53,057,231	\$ 53,309,041	0.5%	NA			1. Total Expense (Fixed & Operating)	Partial Year - 360 Days
\$ 2,134	\$ 2,144	0.5%	NA			2. Total Expense (Fixed & Operating) / 1000 EUI GSF	
\$ 10,123,000	\$ 10,066,000	0.6%	NA			3. Utilities Capital Investment Spend	\$37.936M Tot. Capital Investmnt approved; Target estimated
\$ 2,800,000	\$ 3,200,000	12.5%	NA			4. Energy Conservation Measures (ECMs)	\$5.724M Tot. ECM Investmnt approved; Projected lifetime spend \$250M
B. Operational							
24,863	24,863	0.0%	24,175			1. 1000 EUI Gross Sq Ft (used in EUI calc.)	Added 2.8% Gross Sq Ft over prior year (mostly NRDT)
194.39	199.97	2.8%	200.00			2. Energy Utilization Index (EUI)	June 2028 Goal: 149.98 kBTU/GSF/Yr
1.39	1.41	1.4%	1.40			3. Boiler Efficiency (mmBtu of fuel/mlb of steam)	
0.81	0.90	10.1%	0.88			4. Chilled Water Conversion (kW/Ton)	
35.15%	25.0%	40.6%				5. Smart Meter Implementation %	Four year implementation plan
C. Customer Satisfaction							
100.000%	99.996%	0.00%	100.00%			1. Electric Uptime Reliability %	Jan 2018 - Jun 2018. Reliability KPI application began after 6-month transition period pursuant to the concession agreement. The target values were reduced to 1/2 the annual target values for only this first annual reporting period.
100.000%	99.960%	0.04%	100.00%			2. Natural Gas Uptime Reliability %	
99.980%	99.950%	0.03%	99.98%			3. Chilled Water Uptime Reliability %	
100.000%	99.900%	0.10%	100.00%			4. Steam Uptime Reliability %	
1	4	75.0%				5. Electric # of Downtime Events	
1	2	50.0%				6. Natural Gas # of Downtime Events	
5	15	66.7%				7. Chilled Water # of Downtime Events	
0	4	100.0%				8. Steam # of Downtime Events	
D. Academic Collaboration							
\$ 810,000	\$ 810,000	0%				1. Philanthropic Allocation	Projected lifetime allocation - \$40.5 million
11	10	10%				2. Internships	Projected lifetime interships - 500

**APPROVAL TO ENTER INTO/INCREASE PROFESSIONAL SERVICES
AND ENTER INTO/INCREASE CONSTRUCTION CONTRACTS**

APPROVAL TO ENTER INTO PROFESSIONAL SERVICES CONTRACTS

College of Food, Agriculture and Environmental Sciences Master Plan
Instructional Science Buildings Deferred Maintenance
Wexner Medical Center West Campus Ambulatory Facilities

APPROVAL TO ENTER INTO PROFESSIONAL SERVICES AND CONSTRUCTION CONTRACTS

Lincoln – 11th and 13th Floor Office Renovations
Ohio Union – Infrastructure Upgrades
Wexner Medical Center Inpatient Hospital Garage (Infrastructure and Road Work)

APPROVAL TO INCREASE PROFESSIONAL SERVICES AND CONSTRUCTION CONTRACTS

Health Sciences Faculty Office and Optometry Clinic Building

APPROVAL TO ENTER INTO CONSTRUCTION CONTRACTS

Interdisciplinary Health Sciences Center (Anatomy Lab)

Synopsis: Authorization to enter into/increase professional services and construction contracts, as detailed in the attached materials, is proposed.

WHEREAS in accordance with the attached materials, the university desires to enter into professional services contracts for the following projects; and

	Prof. Serv. Approval Requested	Total Project Cost	
CFAES Master Plan	\$0.7M		University Funds
Instructional Science Buildings Deferred Maintenance	\$2.0M	\$25.0M	University Debt
Wexner Medical Center West Campus Ambulatory Facilities	\$23.0M	TBD	Auxiliary Funds

WHEREAS in accordance with the attached materials, the university desires to enter into professional services and construction contracts for the following projects; and

	Prof. Serv. Approval Requested	Construction Approval Requested	Total Project Cost	
Lincoln – 11th and 13th Floor Office Renovations	\$0.6M	\$4.4M	\$5.0M	Auxiliary Funds
Ohio Union – Infrastructure Upgrades	\$0.8M	\$4.5M	\$5.3M	Auxiliary Funds
Wexner Medical Center Inpatient Hospital Garage (Infrastructure and Road Work)	\$0.5M	\$21.5M	TBD	University Debt Auxiliary Funds

**APPROVAL TO ENTER INTO/INCREASE PROFESSIONAL SERVICES
AND ENTER INTO/INCREASE CONSTRUCTION CONTRACTS (CONT)**

WHEREAS in accordance with the attached materials, the university desires to increase professional services and construction contracts for the following projects; and

	Prof. Serv. Approval Requested	Construction Approval Requested	Total Project Cost	
Health Sciences Faculty Office and Optometry Clinic Building	\$1.3M	\$6.3M	\$35.9M	University Funds Auxiliary Funds

WHEREAS in accordance with the attached materials, the university desires to enter into construction contracts for the following projects; and

	Construction Approval Requested	Total Project Cost	
Interdisciplinary Health Sciences Center (Anatomy Lab)	\$4.4M	TBD	State Funds

WHEREAS the Master Planning and Facilities Committee has reviewed the projects listed above for alignment with all applicable campus plans and guidelines; and

WHEREAS the Finance Committee has reviewed the projects listed above for alignment with the Capital Investment Plan and other applicable financial plans:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby approves that the Capital Investment Plan be amended to include additional professional services for the WMC West Campus Ambulatory Facilities project; additional professional services and construction for the Ohio Union Infrastructure Upgrades, and the Health Sciences Faculty Office and Optometry Clinic Building projects; and additional construction for the Interdisciplinary Health Sciences Center (Anatomy Lab) project.

BE IT FURTHER RESOLVED, That the Board of Trustees hereby approves that the President and/or Senior Vice President for Business and Finance be authorized to enter into and increase professional services and construction contracts for the projects listed above in accordance with established university and State of Ohio procedures, with all actions to be reported to the board at the appropriate time.

**APPROVAL TO ENTER INTO A CONTRACT FOR PROFESSIONAL SERVICES
TO REVIEW AND UPDATE THE COLLEGE OF FOOD, AGRICULTURE AND
ENVIRONMENTAL SCIENCES MASTER PLAN**

The College of Food, Agriculture and Environmental Sciences (CFAES) seeks to develop a master plan to guide the development of 2.4 million-square-feet of facilities and more than 10,000 acres of land across the state of Ohio. The college's previous master plan, completed in 2014, built upon the university's Framework Plan. It also challenged some of the assumptions made in that plan, including the relocation of CFAES programs and facilities from the Midwest campus to the St. John parcel, and the usage of Waterman Laboratory. Since 2014, the university has updated the campus master plan, Framework 2.0, and completed a new strategic plan. The college has embarked on strategic planning exercises and implemented several projects envisioned in the previous master plan, including the Kunz-Brundige Franklin County Extension Building, Wooster Lab Building and the design of the Controlled Environment Food Production Research Complex.

The updated CFAES master plan will provide a roadmap for the college to guide both near-term and long-term capital improvements and agricultural operations. The university is seeking approval to re-engage stakeholders in a 12- to 15-month process to update the CFAES master plan. The plan will evaluate land use, animal facilities, classroom and laboratory needs across the state to develop facility recommendations that support the teaching, research and outreach missions of the college.

Specific deliverables include:

- Columbus Campus: Update planning strategies based on ideas developed in Framework 2.0, Waterman Laboratory Task Force planning and CFAES pre-strategic planning
- Waterman Laboratory: Recommend strategies for facilities that provide expanded opportunities for experiential learning, display cutting-edge research while maintaining bio-secure protocols, and enhance public engagement
- Wooster Campus: Develop a plan for upgraded facilities that continue the integration and collaboration between OARDC and ATI
- Identify capital projects and funding strategies for each focus area
- Update graphics, tools and collateral materials

Project Data Sheet for Board of Trustees Approval

Instructional Science Buildings Deferred Maintenance

OSU-190264 (CNI# 18000170)

Project Location: Mendenhall Laboratory

Bolz Hall

Howlett Hall

Parks Hall

- **approval requested and amount**
professional services \$2.0M

- **project budget**
construction w/contingency \$23.0M
professional services \$2.0M

total project budget \$25.0M



- **project funding**
 - university debt
 - development funds
 - university funds
 - auxiliary funds
 - state funds



- **project schedule**
BoT professional services approval 11/18
design/bidding 02/19 – 01/20
construction 01/20 – 01/22

- **project delivery method**
 - general contracting
 - design/build
 - construction manager at risk

- **planning framework**
 - the project is a result of an internal review/study of deferred maintenance resulting in a recommendation to invest in Instructional Science Buildings
 - this project is included in the FY 2019 Capital Investment Plan

- **project scope**
 - the project will renew mechanical, electrical and plumbing services in the selected buildings
 - detailed scope for each of the buildings will be determined during design

- **approval requested**
 - approval is requested to enter into professional services contracts

-
- **project team**
University project manager: Bill Holtz
AE/design architect:
CM at Risk:

Project Data Sheet for Board of Trustees Approval

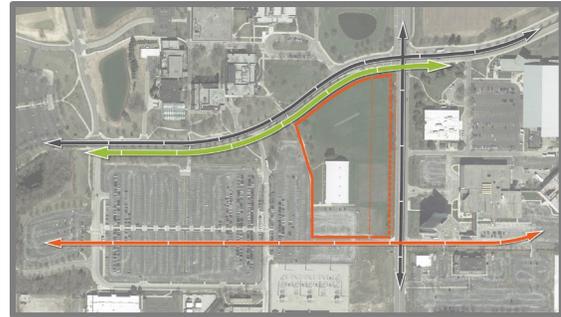
WMC West Campus Ambulatory Facilities

OSU-180390 (CNI# 18000156)

Project Location: Kenny Road and Carmack Road

- **approval requested and amount**
professional services \$23.0M

- **project budget**
professional services TBD
construction w/contingency TBD
total project budget TBD



- **project funding**
 - university debt
 - development funds
 - university funds
 - auxiliary funds (health system)
 - state funds

- **project schedule**
BoT professional services approval 11/18
design 12/18 – 08/20
construction 09/20 – 12/22

- **project delivery method**
 - general contracting
 - design/build
 - construction manager at risk

- **planning framework**
 - consistent with the strategic plans of the university and Wexner Medical Center to provide medical services within ambulatory facilities
 - a portion of design for the project is included in the FY 2019 Capital Investment Plan; the Capital Investment Plan will be amended to include design through design development
 - total project cost will be validated during design

- **project scope**
 - construct a new ambulatory facility on west campus
 - the ambulatory center will be approximately 395,000 square feet and will include outpatient operating rooms, an endoscopy unit, an urgent care, a pre-anesthesia center, an outpatient diagnostic imaging center, and patient and building support spaces

- **approval requested**
 - approval is requested to amend the FY 2019 Capital Investment Plan
 - approval is requested to enter into professional services contracts through the design development phase

-
- **project team**
University project manager: Mitch Dollery
Study/Planning AE: Perkins & Will
AE/design architect: (selected)
CM at Risk:

Project Data Sheet for Board of Trustees Approval

Lincoln – 11th and 13th Floor Office Renovations

OSU-190192 (CNI# 180000154)

Project Location: Lincoln Tower

- **approval requested and amount**
prof serv and constr w/contingency \$5.0M

- **project budget**
professional services \$0.6M
construction w/contingency \$4.4M

total project budget \$5.0M

- **project funding**
 - university debt
 - development funds
 - university funds
 - auxiliary funds
 - state funds

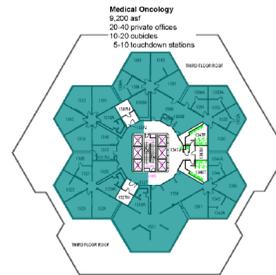
- **project schedule**
BoT prof svc/cons approval 11/18
design/bidding 12/18 – 03/19
construction 04/19 – 07/19

- **project delivery method**
 - general contracting
 - design/build
 - construction manager at risk

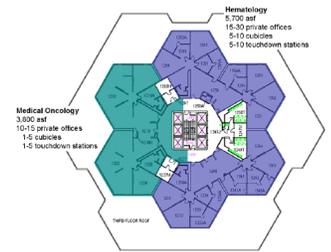
- **planning framework**
 - this project is included in the FY 2019 Capital Investment Plan

- **project scope**
 - the project will renovate the 11th and 13th floors for Wexner Medical Center faculty and staff offices

- **approval requested**
 - approval is requested to enter into professional services and construction contracts



13th Floor



11th Floor

-
- **project team**
University project manager: Lance Timmons
AE/design architect:
General contract:

Project Data Sheet for Board of Trustees Approval

Ohio Union – Infrastructure Upgrades

OSU-130504 (CNI# 12000717, 17000029)

Project Location: Ohio Union



- **approval requested and amount**

prof serv and constr w/contingency	\$5.3M
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- **project budget**

professional services	\$0.8M
construction w/contingency	\$4.5M
<hr/>	
total project budget	\$5.3M

- **project funding**
 - university debt
 - development funds
 - university funds
 - auxiliary funds
 - state funds

- **project schedule**

BoT construction approval	11/18
design/bidding	01/19 – 04/19
construction	04/19 – 10/19

- **project delivery method**
 - general contracting
 - design/build
 - construction manager at risk

- **planning framework**
 - with over 3.3 million visitors and 22,000 events per year, the Ohio Union provides a facility welcoming all students and visitors to experience the essence of Ohio State University
 - a portion of this project is included in the FY 2017 Capital Investment Plan; the FY 2019 Capital Investment Plan will be amended to include the total project cost

- **project scope**
 - to support the high utilization rates and promote the longevity of the building, upgrades will be made to the building infrastructure
 - the project schedule is being developed to minimize the disruption to planned events and routine activities in the building

- **approval requested**
 - approval is requested to amend the FY 2019 Capital Investment Plan
 - approval is requested to enter into professional services and construction contracts

-
- **project team**

University project manager:	Pat Purtee
AE/design architect:	Ford & Associates Architect
General Contractor:	

Project Data Sheet for Board of Trustees Approval

Wexner Medical Center Inpatient Hospital Garage (Infrastructure & Road Work)

OSU-180391-1 (CNI# 18000171)

Project Location: Wexner Medical Center

- **approval requested and amount**

professional services	\$0.5M
construction w/contingency	\$21.5M

- **project funding**
 - university debt
 - development funds
 - university funds
 - auxiliary funds (health system)
 - state funds

- **project schedule**

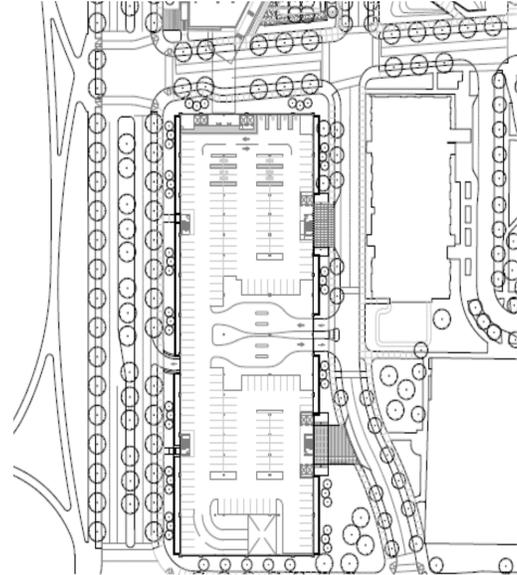
BoT professional services approval	02/18
design	06/18 – 12/18
BoT construction approval (partial)	11/18
construction	01/19 – 11/20

- **project delivery method**
 - general contracting
 - design/build
 - construction manager at risk

- **planning framework**
 - consistent with the strategic plans of the university and Wexner Medical Center to provide parking adjacent to medical facilities
 - the garage infrastructure and road work is included in the FY2019 Capital Investment Plan
 - \$6.1M of professional services was included in the February 2018 approval for the Wexner Medical Center Inpatient Hospital project

- **project scope**
 - construct a 1,870-space parking garage west of McCampbell Hall and provide adjacent site utilities; garage construction will be phased
 - construct a street to connect 10th Avenue with Medical Center Drive and King Avenue

- **approval requested**
 - approval is requested to increase professional services and enter into construction contracts for site, civil, street connection and foundations



-
- **project team**

University project manager:	Kristin Poldemann
AE/design architect:	Henningson, Durham & Richardson
CM at Risk:	selected

Project Data Sheet for Board of Trustees Approval

Health Sciences Faculty Office and Optometry Clinic Building

OSU-180356 (CNI# 180000074, 18000019, 18000158)

Project Location: West 11th Ave & Neil Ave

- **approval requested and amount**

	Orig	Incr	Total
prof services	\$2.9M	\$1.3M	\$4.2M
construction	\$25.4M	\$6.3M	\$31.7M

- **project budget**

professional services	\$4.2M
construction w/contingency	\$31.7M
total project budget	\$35.9M

- **project funding**

- university debt
- development funds
- university funds
- auxiliary funds
- state funds

- **project schedule**

BoT prof serv appr (criteria design)	11/17
design/bidding	4/18 – 5/19
BoT construction approval	11/18
construction	12/18 – 8/20

- **project delivery method**

- general contracting
- design/build
- construction manager at risk

- **planning framework**

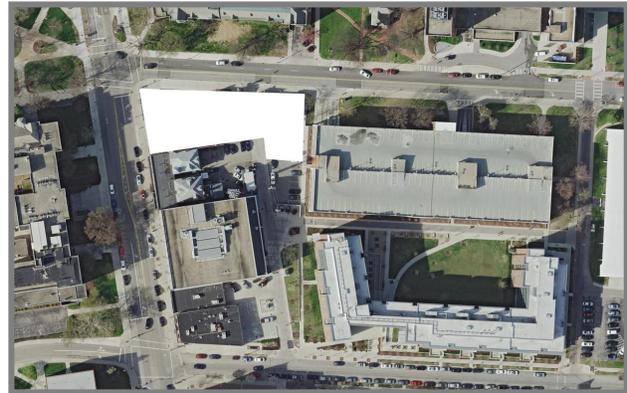
- the project is included in the FY 2018 and FY 2019 Capital Investment Plans
- the FY 2019 Capital Investment Plan will be amended to include the increase in total project cost

- **project scope**

- demolish three existing buildings at the corner of W. 11th Ave and Neil Ave
- construct approximately 106,000 GSF for optometry clinics, retail, faculty offices and support spaces
- key enabling project for the Interdisciplinary Health Sciences Center
- project scope was increased for a basement and an additional floor

- **approval requested**

- approval is requested to amend the FY 2019 Capital Investment Plan
- approval is requested to increase professional services and construction contracts



- **project team**

University project manager: Evan Gardiner
Criteria architect: Acock Associates
Design-builder: TBD

Project Data Sheet for Board of Trustees Approval

Interdisciplinary Health Sciences Center (Anatomy Lab)

OSU-180354 (CNI# 18000021)

Project Location: Hamilton Hall



- **approval requested and amount**
construction \$4.4M

- **project funding**
 - university debt
 - development funds
 - university funds
 - auxiliary funds (health system)
 - state funds

- **project schedule**

BoT professional services approval	11/17
design	8/18 – 11/18
construction	01/19 – 08/19

- **project delivery method**
 - general contracting
 - design/build
 - construction manager at risk

- **planning framework**
 - consistent with the strategic plans of the university and Wexner Medical Center to provide transformational research and learning environments
 - this project is included in the FY 2018 Capital Investment Plan for design; the FY 2019 Capital Investment Plan will be amended to include \$4.4M for enabling construction work

- **project scope**
 - the interdisciplinary health sciences project scope includes renovating existing facilities and constructing a new building to create a collaborative campus for interprofessional education throughout the health sciences
 - anatomy lab work includes renovating 18,000 square feet in Hamilton Hall and installing a chiller, boiler and generator

- **approval requested**
 - approval is requested to amend the FY 2019 Capital Investment Plan
 - approval is requested to enter into construction contracts

-
- **project team**

University project manager:	Evan Gardiner
Study/planner:	CO Architects
AE/design architect:	Acock Associates
Construction Manager:	Gilbane Building Company

APPROVAL FOR ACQUISITION OF REAL PROPERTY

1600 EAST LONG STREET
COLUMBUS, FRANKLIN COUNTY, OHIO

Synopsis: Authorization to purchase real property located at 1600 East Long Street, Columbus, Franklin County, Ohio, is proposed.

WHEREAS The Ohio State University seeks to purchase improved real property of +/- 0.74 acres located at 1600 East Long Street, Columbus, Ohio, identified as Franklin County parcels 010-003018 and 010-023596; and

WHEREAS the property is strategic to the Wexner Medical Center initiative for healthy communities and will complement the services provided at Outpatient East and University Hospital East and is currently zoned R-3 (Residential); and

WHEREAS improvements on the property include an 8,933± square-foot, one-story building, known as the former MLK Columbus Metropolitan Library;

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby approves that the President and/or Senior Vice President for Business and Finance be authorized to take action required to effect the purchase of the above referenced property upon terms and conditions deemed to be in the best interest of the university.

**APPROVAL FOR ACQUISITION OF REAL PROPERTY
1600 EAST LONG STREET
COLUMBUS, FRANKLIN COUNTY, OHIO**

Background

The Ohio State University seeks to acquire from Columbus Metropolitan Library Board of Trustees, approximately 0.74 acres of land located on 1600 East Long Street, Franklin County, Columbus, Ohio. The land will be acquired as part of a Wexner Medical Center (WMC) strategic initiative for healthy communities.

Location and Description

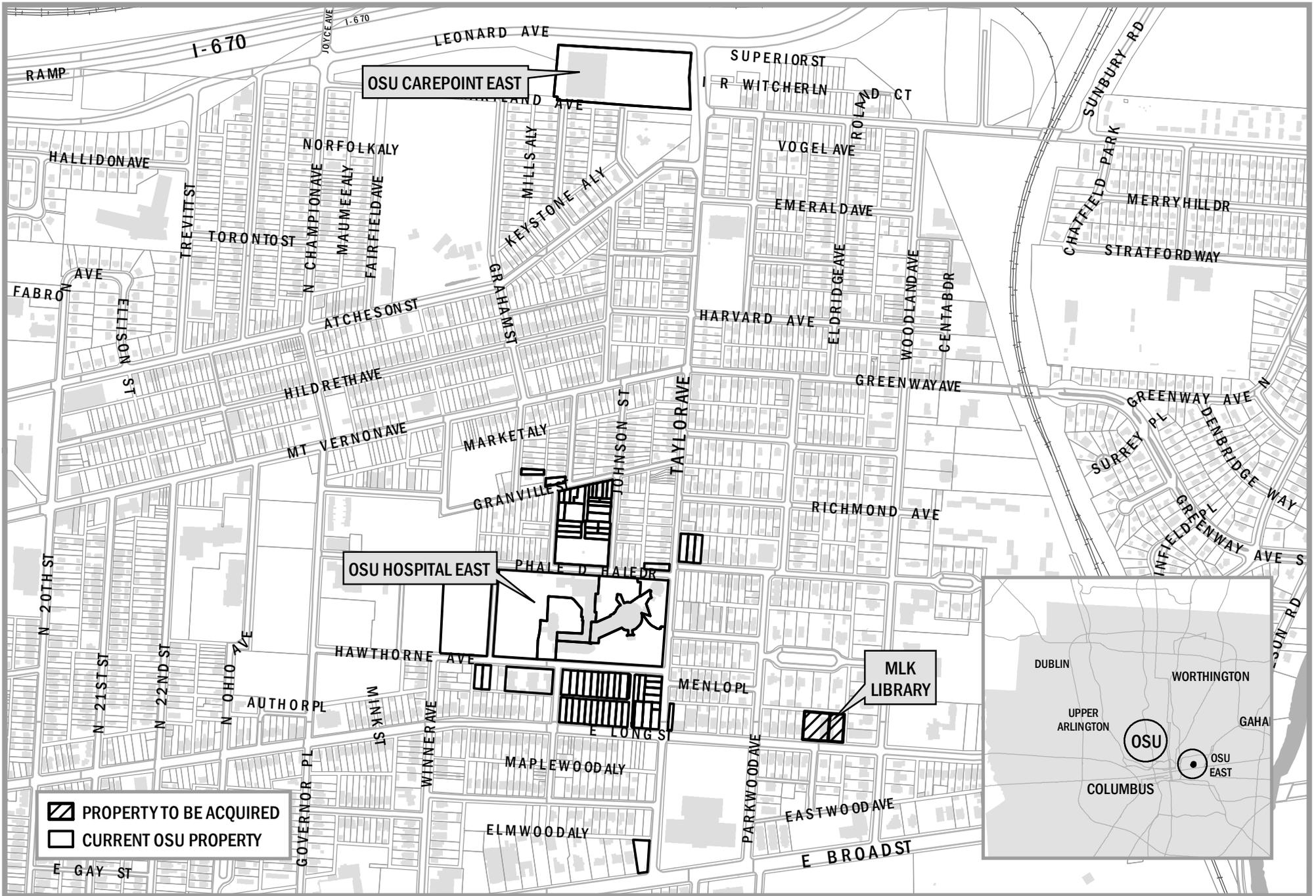
Ohio State is purchasing the property located at 1600 East Long Street, Columbus, Ohio. The site is improved with the former MLK Columbus Metropolitan Library, a single-story building of 8,933±, which was constructed in 1960 and renovated in 1992. The facility was marketed because the library is relocating to their new facility. The site is currently zoned R3 (Residential).

Purchase Rationale

The acquisition of this property is strategic to the WMC initiative for healthy communities. Specifically, the site will continue to serve as a community center with a few proposed renovations that will include a demonstration kitchen, café and meeting rooms. This non-clinical space will complement the services provided at Outpatient East and University Hospital East.

Recommendation

Planning and Real Estate, together with the Wexner Medical Center, recommends the acquisition of the +/- 0.74 acres. The property will be acquired for \$245,000 subject to appropriate adjustments and prorations at closing and under terms and conditions that are deemed to be in the best interest of the university.



**PURCHASE OF REAL PROPERTY
 1600 EAST LONG STREET
 COLUMBUS, FRANKLIN COUNTY, OHIO 43203
 PARCELS 010-003018 & 010-023596**

**APPROVAL FOR GROUND LEASE
OF UNIMPROVED REAL PROPERTY**

THE OHIO STATE UNIVERSITY AIRPORT
2160 WEST CASE ROAD
COLUMBUS, FRANKLIN COUNTY, OHIO

Synopsis: Authorization to ground lease approximately 2-3 acres of unimproved real property located at The Ohio State University Don Scott Airport (OSU Airport), 2160 West Case Road, Franklin County, Ohio, is proposed.

WHEREAS pursuant to Ohio Revised Code, the Ohio Department of Administrative Services may lease land belonging to or under the control or jurisdiction of a state university, not required nor to be required for use of the university, to a developer; and

WHEREAS The Ohio State University is seeking to ground lease approximately 2-3 acres of land located at the OSU Airport; and

WHEREAS the property will be utilized for the construction of approximately 32,000-square-feet of airplane hangar space and 5,500 +/- square feet of office space by Worthington Industries, Inc.; and

WHEREAS the lease is contingent upon The Ohio State University Board of Trustees approval; and

WHEREAS it has been recommended by the Office of Planning and Real Estate, in coordination with the College of Engineering, that the university enter into a lease:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby approves that the President and/or Senior Vice President for Business and Finance be authorized to take any action required to effect the lease of the property and to negotiate terms and conditions deemed to be in the best interest of the university and in accordance with Ohio law.

**APPROVAL FOR GROUND LEASE OF UNIMPROVED REAL PROPERTY
OSU AIRPORT
2160 WEST CASE ROAD
COLUMBUS, FRANKLIN COUNTY, OHIO**

Background

The College of Engineering requests to ground lease approximately 2-3 acres of unimproved real property to Worthington Industries, Inc. at The Ohio State University Don Scott Airport (OSU Airport). Worthington Industries will construct an approximately 32,000-square-foot airplane hangar and 5,500± square feet of office space to house its aircraft fleet.

Worthington Industries first based an aircraft at the OSU Airport in the late 1950s. Since that time, their aircraft fleet has varied in the number and size of its aircraft. In 1979, Worthington Industries became the first and only company to date to build an exclusive-use hangar at the airport. The hangar has since reverted to the ownership of the university, but is leased back to Worthington Industries on a multi-year basis for their exclusive use of the building. Due to the recent purchase of a new aircraft, the hangar has become too small to effectively house Worthington Industries' current aircraft fleet and additional space is needed. Worthington Industries also provides internship and career development opportunities for the university's students.

Location and Description

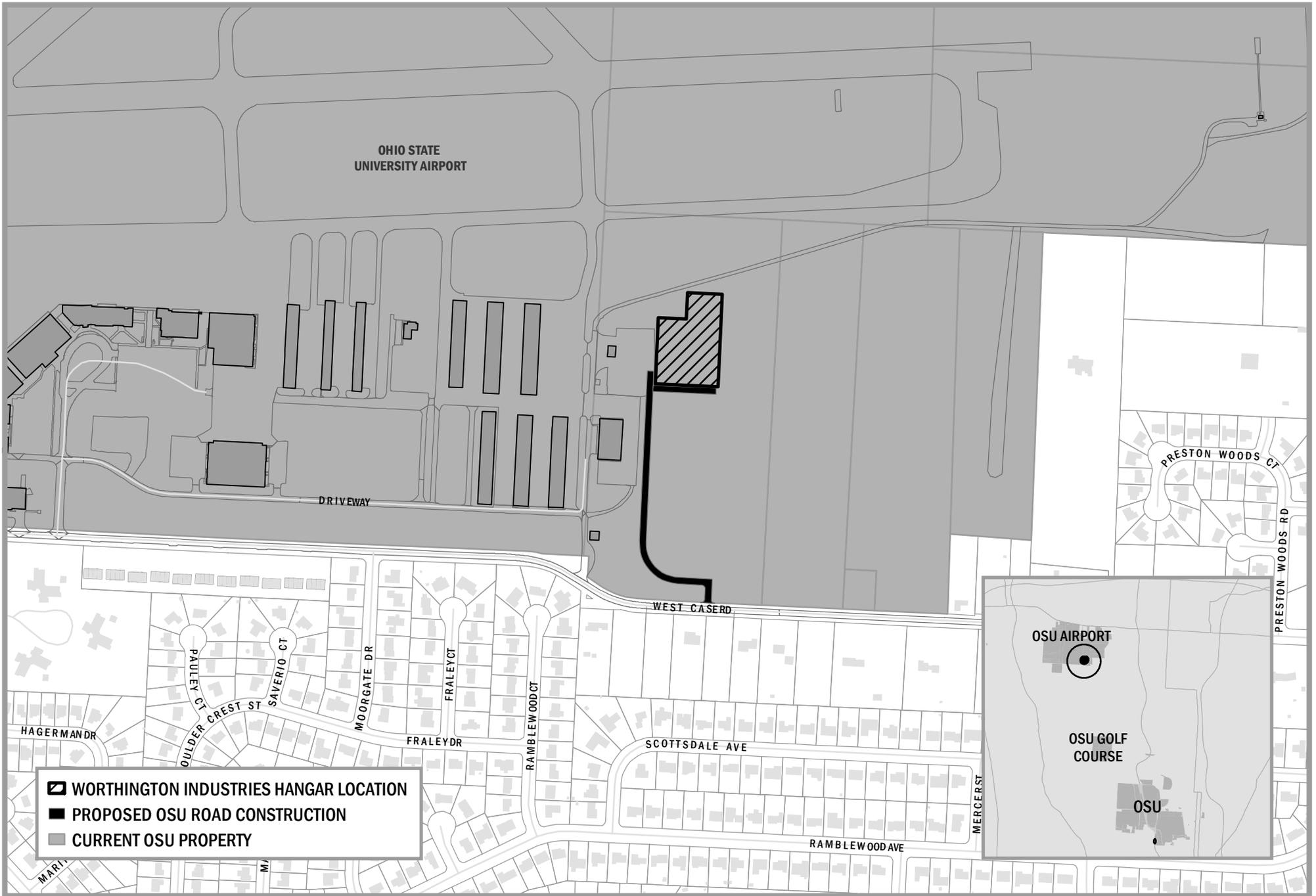
The proposed site is located at the OSU Airport at 2160 West Case Road, Columbus, Franklin County, Ohio, and is part of a tract containing approximately 50 acres of unimproved real property located in Perry Township, which was annexed to the City of Columbus and rezoned from R-4 (Residential) to M-2 (Manufacturing) to be consistent with current zoning at the OSU Airport. The property is titled to the State of Ohio for the use and benefit of The Ohio State University.

Property History

In May 1942, the university purchased property in northwest Columbus for the development of the airport in support of its aviation academic program. The OSU Airport is the nation's premier university owned and operated airport, supporting interdisciplinary teaching and research and is essential to the university's core mission. It is the primary teaching and research laboratory serving the Center for Aviation Studies in the College of Engineering, as well as other units throughout The Ohio State University. The OSU Airport has evolved in the 75+ years since its inception from a pure training facility to Ohio's premier business aviation center, and is the primary facility serving The Ohio State University and the surrounding central Ohio general aviation community. It provides students with a high quality teaching and research laboratory to prepare them for careers in aviation.

Recommendation

Pursuant to Ohio Revised Code Section 123.17, the Ohio Department of Administrative Services may lease land belonging to or under the control or jurisdiction of a state university, not required nor to be required for use of the university, to a developer. Ohio Revised Code 123.17 requires Board of Trustees approval of the lease. Planning and Real Estate, together with the College of Engineering, recommends that the Board of Trustees authorize the leasing of approximately 2-3 acres of unimproved real property to Worthington Industries, Inc. for development of an airplane hangar under terms and conditions that are in the best interest of the university.



**WORTHINGTON INDUSTRIES AIRPORT HANGAR
 THE OHIO STATE UNIVERSITY AIRPORT
 WEST CASE ROAD
 COLUMBUS, FRANKLIN COUNTY, OHIO 43235**

APPROVAL TO ENTER INTO A JOINT USE AGREEMENT

BETWEEN THE OHIO STATE UNIVERSITY,
ON BEHALF OF OARNET,
AND THE CITY OF DUBLIN

Synopsis: Authorization to enter into a Joint Use Agreement (JUA) with the City of Dublin, 5200 Emerald Parkway, Dublin, OH 43017, to document the value and permit the release of funds appropriated in the State Capital Bill for the purchase of capital equipment to expand the deployment of smart city technology within the local community, is proposed.

WHEREAS The Ohio State University, an instrumentality of the State of Ohio, on behalf of the Ohio Academic Resources Network (OARnet) was allocated \$150,000 in the 2019 State Capital Bill that is specifically designated for use by the Dublin Smart Community Connect Project; and

WHEREAS the City of Dublin will utilize the funds for the purchase of certain capital equipment to expand the deployment of smart city technology within the local community, placing the benefits of smart cities within reach of our residents, students, commuters and visitors, located in Dublin, OH; and

WHEREAS The Ohio State University has an opportunity to expand its partnerships and activities with the City of Dublin, and would benefit from expanding the impact of the funding provided for Smart City projects from the USDOT, Ohio DOT and other sources initiated by Governor Kasich, and the City of Dublin plans to extend the deployment of smart city technology within the local community, placing the benefits of smart cities within reach of our residents, students, commuters and visitors. The technology infrastructure involved in establishing the NW 33 Smart Mobility Corridor for Connected and Autonomous Vehicle Research on U.S. Route 33 will be available and accessible to the City of Dublin to coordinate the extension of smart infrastructure into a local community. The City of Dublin intends to leverage this work and infrastructure installed to extend the benefits of smart city technology to the Dublin community and beyond by deploying a network of sensors, cameras, dedicated short-range communications, wired and wireless devices and equipment across local streets, homes and neighborhoods inside Dublin; and

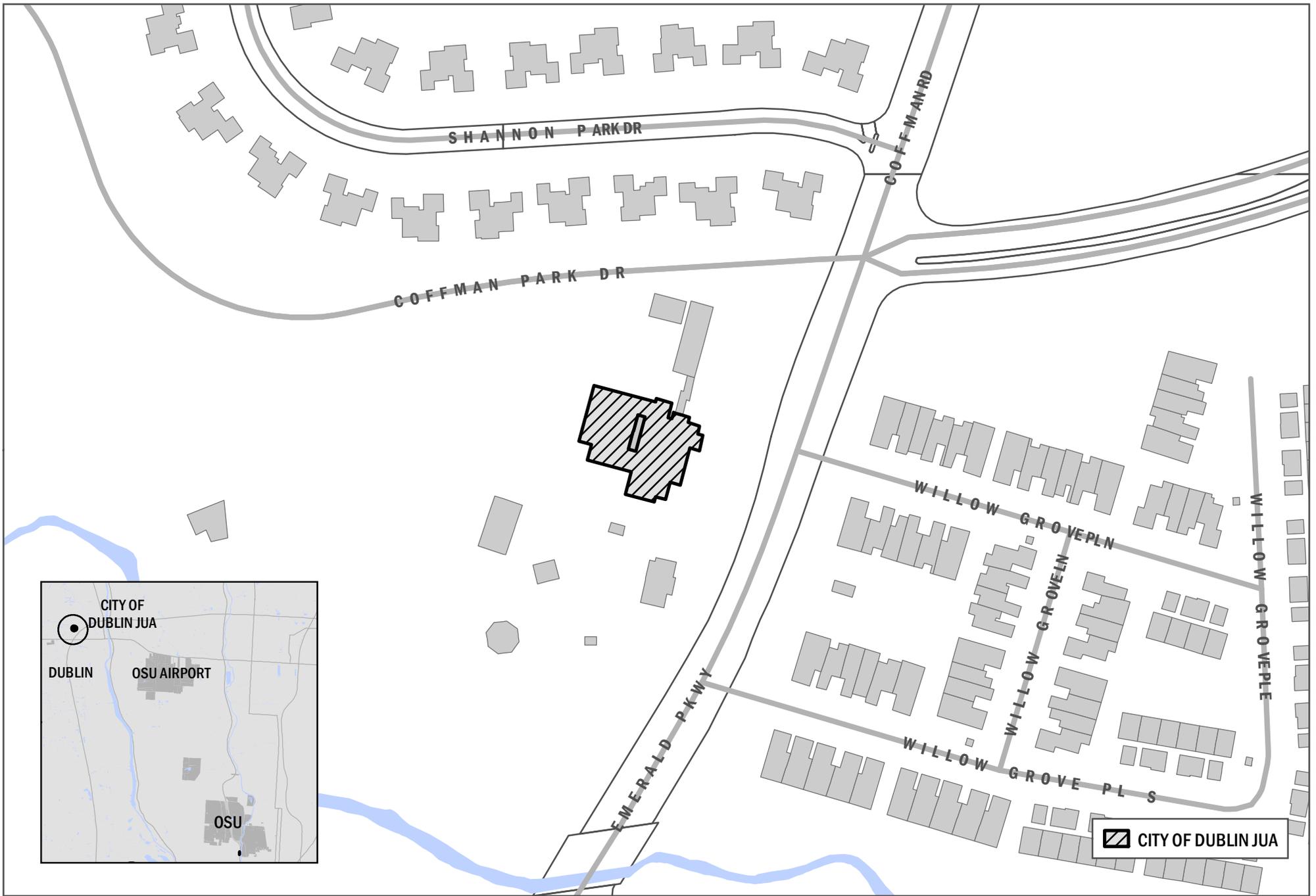
WHEREAS except for the funds used to cover the university's reasonable administrative costs related to the project, the funds provided under this JUA shall be used by the City of Dublin only for capital improvements or purchases and shall not be used for operating expenses; and

WHEREAS the university's use of the Dublin Smart Community Connect Project will promote the university's mission to advance the well-being of the people of Ohio and the global community through the creation and dissemination of knowledge; and

WHEREAS before the state capital appropriation may be released to the City of Dublin, the Ohio Department of Higher Education requires that a Joint Use Agreement between the university and the City of Dublin be signed to document the value of the appropriation to Ohio State and to ensure the benefits to the university will continue for a minimum period of 20 years:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby approves that the President and/or Senior Vice President for Business and Finance and/or Senior Vice President for Administration and Planning be authorized to take any action required to effect the Joint Use Agreement containing terms and conditions deemed to be in the best interest of the university.



JOINT USE AGREEMENT BETWEEN
 THE OHIO STATE UNIVERSITY AND THE CITY OF DUBLIN
 5200 EMERALD PARKWAY
 DUBLIN, OHIO 43017