

THURSDAY, MAY 30, 2019
MASTER PLANNING AND FACILITIES COMMITTEE MEETING

Alexander R. Fischer
James D. Klingbeil
Timothy P. Smucker
Brent R. Porteus
Alan A. Stockmeister
Gary R. Heminger
Anand Shah
Robert H. Schottenstein
Michael J. Gasser (*ex officio*)

Location: Longaberger Alumni House
Mount Leadership Room

Time: 8:00-9:45am

Executive Session

8:00-8:30am

Public Session

ITEMS FOR DISCUSSION

1. *Physical Environment Scorecard – Mr. Kasey* 8:30-8:35am
2. *Major Project Updates – Mr. Conselyea* 8:35-8:45am
3. *Hamilton Road Ambulatory Design Review – Mr. Myers* 8:45-8:55am
4. *Ty Tucker Tennis Center Design Review – Mr. Myers* 8:55-9:05am

ITEMS FOR ACTION

5. Approval of FY20 Interim Capital Investment Plan – Mr. Kasey, Mr. Papadakis 9:05-9:15am
6. Approval for FY20 Interim Ohio State Energy Partners Utility System Capital Improvement Projects – Mr. Potter 9:15-9:25am
7. Approval to Enter Into/Increase Professional Services and Construction Contracts – Mr. Kasey, Mr. Conselyea 9:25-9:35am
8. Approval of the Sale of Real Property – Mr. Myers 9:35-9:45am

| 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) | \$106,210,030 | \$111,675,722 | \$114,099,692 | -2.1% | — | \$146,570,898 | |
| B. OPERATIONAL | | | | | | | |
| 1. %Total Projects Completed on Time | 88.0% | 79.4% | 90.0% | -11.8% | — | 90.0% | |
| 2. %Total Projects Completed on Budget | 97.3% | 97.2% | 90.0% | 7.9% | ▽ | 90.0% | |
| 3. Capital Investment Program Spend * | \$269.3 | \$368.4 | \$374.5 | -1.6% | ▲ | \$527.8 | Metric is measured Quarterly, showing 3rd Quarter FY19 Values; in Millions |
| 4. Facility Condition Index % - Conditioned Academic/Research Bldgs | 74.3% | 74.2% | 80.0% | -7.2% | — | 80.0% | Avg. composite FCI to-date. |
| 5. CABS Riders | 3,346,619 | 3,834,901 | 3,435,000 | 11.6% | ▽ | 4,295,000 | YTD positive variance results from increased year-over-year service to the Med. Ctr. |
| 6. All Parking Garage Peak Time Occupancy % ** | 80.4% | 84.0% | 85.0% | -1.2% | ▲ | 85.0% | YTD (Jul-Mar) Occup%: Transient= 66.0%, Permit= 83.2%, Mixed= 70.7% |
| 7. WMC Parking Garage Peak Time Occupancy % ** | 92.2% | 92.3% | 85.0% | 8.6% | — | 85.0% | YTD (Jul-Mar) Occup%: Transient= 86.9%, Permit= 93.3%, Mixed= 82.8% |
| 8. Sum of Daily Temporary Parking Space Closures | 38,780 | 8,895 | 13,750 | -35.3% | ▲ | 20,000 | Key drivers- projects at 10th, Buckeye Vill., KRC, Orton, Converse, S. Oval Dr., Scarlet lot, WHAC, Lane/S.Union rooftops, McCracken stack. |
| 9. WOSU Broadcast Audience (Viewers, Listeners) | 569,389 | 565,033 | 569,389 | -0.8% | — | 566,200 | Changed metric - Now includes only TV monthly households & 89.7/101 Radio Wkly Avg Cum (budget based on prior FY actuals). |
| 10. WOSU Digital Audience (Unique Visitors, Video Views, Digital Audio) | 6,753,845 | 6,128,557 | 6,753,845 | -9.3% | ▲ | 7,763,806 | Budget based on prior FY, which incl. NPR Facebook sharing of Nov-17 "Chasing the Dream" & Jan-18 video viewing of Victoria season 2. |
| C. SAFETY | | | | | | | |
| 1. EHS Recordable Accident Rate (CYTD): | 1.50 | 1.40 | 2.00 | -30.0% | — | 2.00 | 2019 Calendar YTD |
| 2. Major On-Campus Crimes (burglary, assault, arson, etc.) | N/A | 66 | N/A | N/A | | N/A | Metric revised from prior reporting due to system upgrade. |
| 3. Avg. Response time to In-Progress Calls for Svc | N/A | 3:50 | 5:00 | -23.3% | ▲ | 5:00 | Metric revised from prior reporting due to system upgrade. |
| 4. Traffic Accidents Injury | 23 | 27 | 27 | 0.0% | ▲ | 31 | Record Mgmt Sys. Data unaudited at time of retrieval |
| 5. Traffic Accidents Non-Injury | 267 | 168 | 267 | -37.1% | — | 339 | Record Mgmt Sys. Data unaudited at time of retrieval |
| 6. Off-Campus Crime Statistics | 1,359 | 1,519 | 1,359 | 11.8% | — | 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 Peak Time Occupancy %, the target is 85% + or - 5%, with an additional 5% Yellow range in both directions. Peak time measured on weekdays between 12:30 and 1:30 p.m.

- 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
- Within +/- 2.5% of Prior 4-Mo Target %Var
- 4-Mo Target %Var decline from Prior 4-Mo



THE OHIO STATE UNIVERSITY

Major Project Updates

Projects Over \$20M

May 2019



PROJECT STATUS REPORT

CURRENT PROJECTS OVER \$20M

| PROJECT | COMPLETION DATE | APPROVALS | | BUDGET | ON TIME | ON BUDGET |
|---|-----------------|-----------|-----|----------|---------|-----------|
| | | Des | Con | | | |
| 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 | | |
| Wooster – New Laboratory Building | 6/2020 | ✓ | ✓ | \$33.5M | | |
| Postle Partial Replacement | 7/2020 | ✓ | ✓ | \$95.0M | | |
| Advanced Materials Corridor – Phase 1 (BMEC) | 7/2020 | ✓ | ✓ | \$59.1M | | |
| Health Sciences Faculty Office and Optometry Clinic | 8/2020 | ✓ | ✓ | \$35.9M | | |
| WMC Inpatient Hospital – Central Sterile Supply | 11/2020 | ✓ | ✓ | \$44.2M | | |
| Ty Tucker Tennis Center | 12/2020 | ✓ | | \$22.8M | | |
| WMC Inpatient Hosp Garage, Infr & Road Work | 5/2021 | ✓ | ✓ | \$102.1M | | |
| WMC Regional Ambulatory Facilities-Hamilton Rd | 5/2021 | ✓ | ✓ | \$137.9M | | |
| Arts District | 8/2021 | ✓ | | \$161.6M | | |
| Celeste Lab Renovation | 8/2022 | ✓ | | \$29.0M | | |
| Controlled Env Food Production Complex | TBD | ✓ | | \$35.0M | | |

Key: On track Watching closely – actions are being taken to keep on track Not on track



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 and Gymnastics, and Men’s Wrestling



PROJECT FUNDING

fundraising

CURRENT PROJECT BUDGET

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

CONSULTANTS

| | |
|---------------------|-------------|
| architect of record | Moody Nolan |
| CM at Risk | Gilbane |

PROJECT SCHEDULE

| | |
|------------------|-----------|
| BoT approval | 8/15 |
| construction | 6/17-5/19 |
| facility opening | 6/19 |

PROJECT UPDATE

Project construction is complete and occupants are moving in; FFE and equipment continue to be delivered and installed.

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 and IT/electrical/mechanical improvements in 700 Ackerman; tenant improvements, elevator modernization, restroom and partial carpet upgrades in 660 Ackerman; and office reconfiguration in 600 Ackerman

PROJECT FUNDING

auxiliary funds

CURRENT PROJECT BUDGET

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

CONSULTANTS

architect of record BHDP
CM at Risk Corna/Kokosing

PROJECT SCHEDULE

BoT approval 1/17
construction 10/17-5/19
facility opening 6/19

PROJECT UPDATE

All floors of 700 Ackerman are occupied. Elevator work is nearly complete. Project work continues on time.



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 |

CONSULTANTS

| | |
|---------------------|--------------|
| architect of record | Osborne Eng |
| CM at Risk | Barton Malow |

PROJECT SCHEDULE

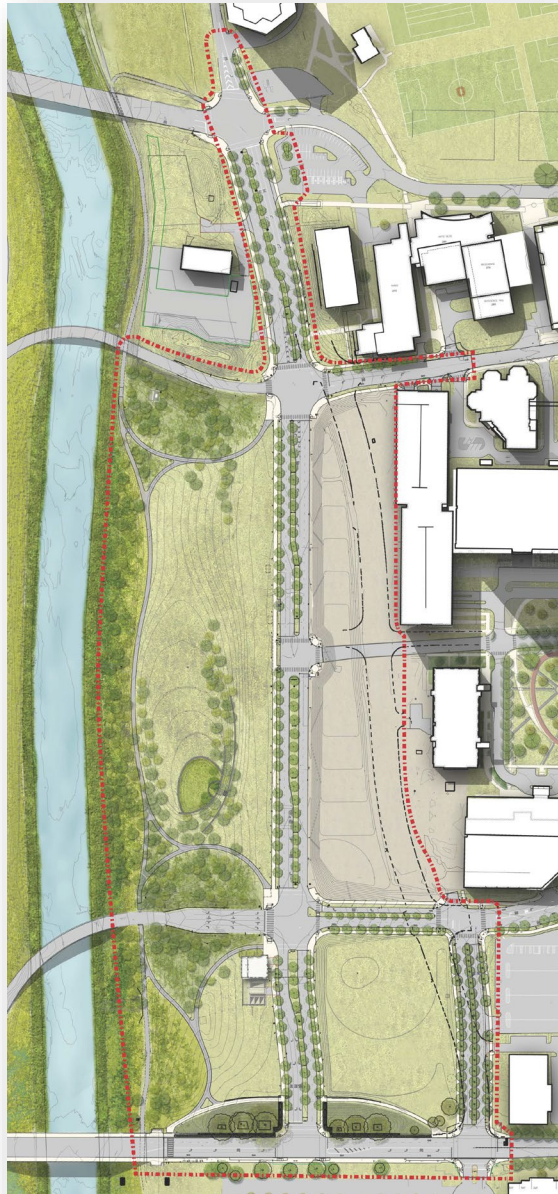
| | |
|------------------|-----------|
| BoT approval | 4/16 |
| construction | 3/17-8/19 |
| facility opening | 8/19 |

PROJECT UPDATE

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

 On Time

 On Budget



CANNON DRIVE RELOCATION – PHASE 1

In partnership with the City of Columbus, the project will 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 |

CONSULTANTS

| | |
|---------------------|------------|
| architect of record | EMHT, Inc. |
| general contractor | Kokosing |

PROJECT SCHEDULE

| | |
|------------------|------------|
| BoT approval | 11/16 |
| construction | 8/17-12/19 |
| facility opening | 6/19 |

PROJECT UPDATE

Cannon Drive between 12th Avenue and Herrick Drive will reopen in June. Construction will continue along the roadway but the roads will remain open.

 On Time

 On Budget



OSU EAST – WEST WING EXPANSION/RENOVATION

Renovation of 11,500 GSF and expansion of 29,000 GSF on the second floor of the west wing of the hospital tower with mechanical penthouse

Renovated and expanded spaces include operating rooms, pre-operative/PACU spaces; imaging; and improvements to the patient arrival experience

PROJECT FUNDING

auxiliary funds

CURRENT PROJECT BUDGET

construction w/cont \$23.9M
total project \$26.0M

CONSULTANTS

architect of record Moody Nolan
CM at Risk Elford

PROJECT SCHEDULE

BoT approval 6/17
construction 9/18-3/20
facility opening 8/20

PROJECT UPDATE

Construction work is ongoing. Interior demolitions new foundations, waterproofing and steel erection have begun.

 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 |

CONSULTANTS

| | |
|---------------------|----------------|
| architect of record | Hasenstab Arch |
| CM at Risk | Elford |

PROJECT SCHEDULE

| | |
|------------------|------------|
| BoT approval | 1/17 |
| construction | 10/18-6/20 |
| facility opening | 8/20 |

PROJECT UPDATE

Construction work on the site and building has begun. All GMPs have been awarded.



On Time

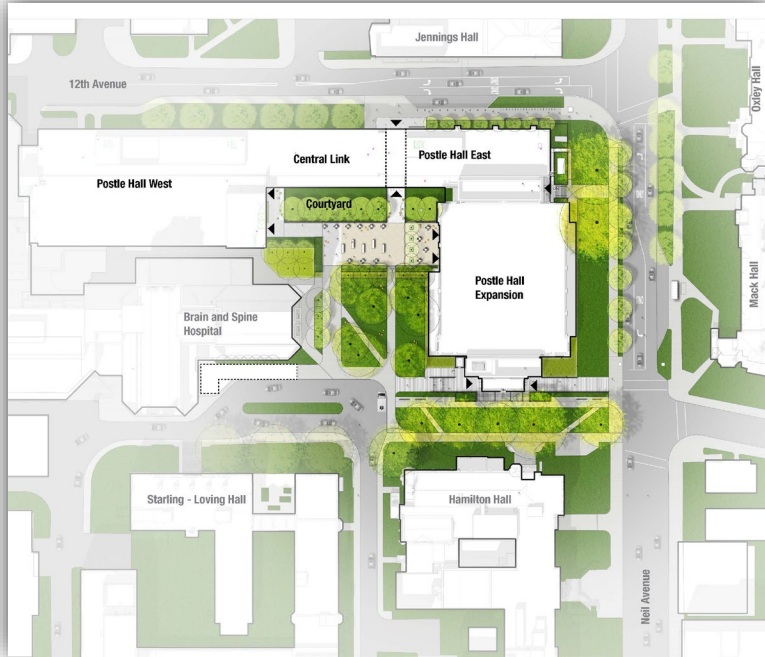


On Budget



POSTLE PARTIAL REPLACEMENT

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



PROJECT FUNDING

fundraising; state appropriations; department funds; university debt

CURRENT PROJECT BUDGET

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

CONSULTANTS

| | |
|---------------------|----------------------|
| architect of record | Design Group |
| des architect | Robert AM Stern Arch |
| CM at Risk | Gilbane |


PROJECT SCHEDULE

| | |
|------------------|-----------|
| BoT approval | 9/16 |
| construction | 6/18-7/20 |
| facility opening | 8/20 |

PROJECT UPDATE

Foundation, waterproofing, and masonry construction continues. Structural steel connections to existing building are ongoing. Steel erection has begun.

 On Time

 On Budget



ADVANCED MATERIALS CORRIDOR BIOMEDICAL ENGINEERING COMPLEX (BMEC)

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

PROJECT FUNDING

state appropriations; fundraising; department funds; university debt

CURRENT PROJECT BUDGET

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

CONSULTANTS

| | |
|------------------|----------------|
| arch of record | Moody Nolan |
| design architect | Perkins & Will |
| CM at Risk | Ruscilli |

PROJECT SCHEDULE

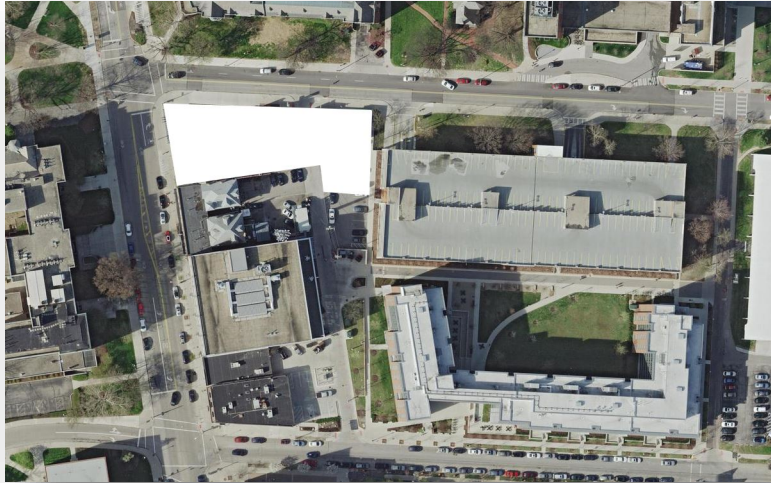
| | |
|------------------|-----------|
| BoT approval | 9/16 |
| construction | 5/18-7/20 |
| facility opening | 8/20 |

PROJECT UPDATE

The foundations and steel erection for the addition have begun, including structural walls. Loading dock construction has begun.

 On Time

 On Budget



HEALTH SCIENCES FACULTY OFFICE AND OPTOMETRY CLINIC BUILDING

Construct a building at 11th Avenue and Neil Avenue for College of Optometry patient clinic and eyewear gallery. The facility will also include clinic support and Health Sciences faculty offices.

PROJECT FUNDING

auxiliary funds; university funds

CURRENT PROJECT BUDGET

| | |
|---------------------|---------|
| construction w/cont | \$31.7M |
| total project | \$35.9M |

CONSULTANTS

| | |
|---------------------|---------------|
| architect of record | Moody Nolan |
| Design/Build firm | Daimler Group |

PROJECT SCHEDULE

| | |
|------------------|-----------|
| BoT approval | 11/17 |
| construction | 2/19-8/20 |
| facility opening | 8/20 |

PROJECT UPDATE

Design and construction will occur concurrently. Demolition and site fill work continues. Foundations and structural steel will proceed during the summer. Design development for the new building will continue through the summer.

 On Time

 On Budget



WEXNER MEDICAL CENTER INPATIENT HOSPITAL – CENTRAL STERILE SUPPLY

The project will construct a central sterile supply building to serve the hospital and ambulatory locations

PROJECT FUNDING

auxiliary funds

CURRENT PROJECT BUDGET

| | |
|---------------------|---------|
| construction w/cont | \$30.5M |
| total project | \$44.2M |

CONSULTANTS

| | |
|---------------------|--------------|
| architect of record | HDR |
| CM at Risk | Walsh-Turner |

PROJECT SCHEDULE

| | |
|------------------|------------|
| BoT approval | 2/18 |
| construction | 7/19-11/20 |
| facility opening | 1/21 |

PROJECT UPDATE

Project design is complete and construction will begin in the summer.





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; fundraising

CURRENT PROJECT BUDGET

| | |
|---------------------|---------|
| construction w/cont | \$20.9M |
| total project | \$22.8M |

CONSULTANTS

| | |
|---------------------|--------------|
| architect of record | Moody Nolan |
| CM at Risk | Barton Malow |

PROJECT SCHEDULE

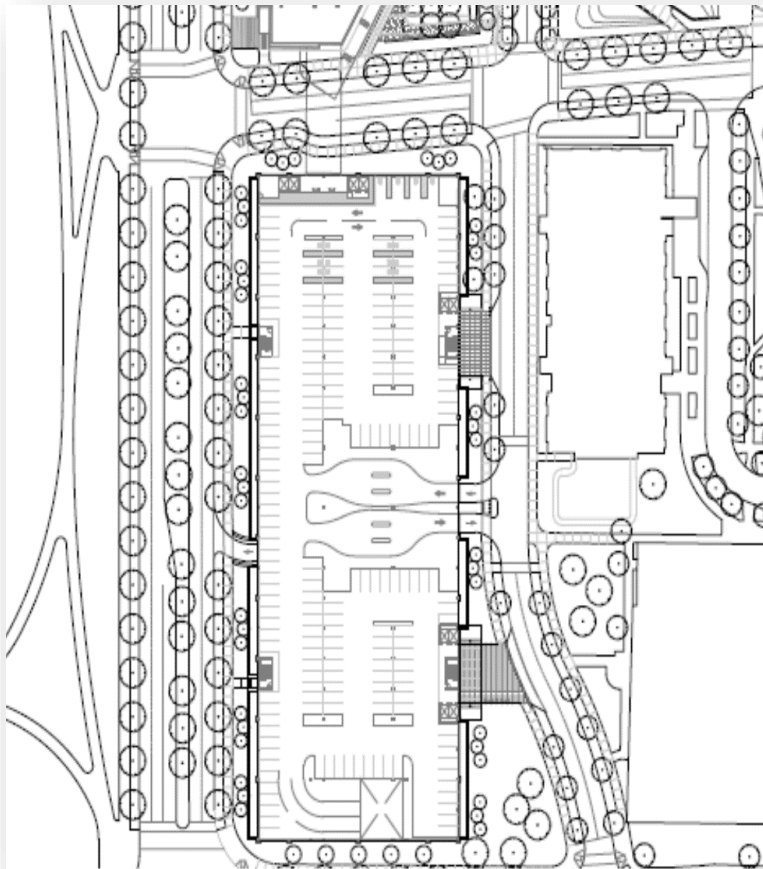
| | |
|------------------|------------|
| BoT approval | 8/18 |
| construction | 9/19-12/20 |
| facility opening | 1/21 |

PROJECT UPDATE

Design development continues.

On Time

On Budget



WMC INPATIENT HOSPITAL GARAGE, INFRASTRUCTURE & ROAD WORK

The project will construct a 1,870-space parking garage west of McCampbell Hall. Garage construction will be phased with a portion opening in 10/2020 and the remainder open by 5/2021.

Infrastructure work includes water line connections, sewer lines and communications lines; road work includes street, curb and sidewalks on both sides of street A, including direct sidewalk connection to ingress and egress points of the garage, and street lighting on the west side.

PROJECT FUNDING

auxiliary funds

CURRENT PROJECT BUDGET

| | |
|---------------------|----------|
| construction w/cont | \$76.3M |
| total project | \$102.1M |

CONSULTANTS

| | |
|---------------------|--------------|
| architect of record | HDR |
| CM at Risk | Walsh-Turner |

PROJECT SCHEDULE

| | |
|------------------|-----------|
| BoT approval | 2/18 |
| construction | 5/19-5/21 |
| facility opening | 5/21 |

PROJECT UPDATE

Project design is complete and infrastructure and roadwork construction has begun.

On Time

On Budget



WMC REGIONAL AMBULATORY FACILITIES- HAMILTON ROAD

Construct an approximately 244,000 square foot medical office building and ambulatory surgery center on North Hamilton Road.

PROJECT FUNDING

auxiliary funds

CURRENT PROJECT BUDGET

| | |
|---------------------|----------|
| construction w/cont | \$87.5M |
| total project | \$137.9M |

CONSULTANTS

| | |
|---------------------|---------------|
| architect of record | DLR Group |
| CM at Risk | Daimler Group |

PROJECT SCHEDULE

| | |
|------------------|-----------|
| BoT approval | 4/18 |
| construction | 6/19-5/21 |
| facility opening | 7/21 |

PROJECT UPDATE

Design development is complete. Site work has begun. The remainder of construction will begin in June.



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 | \$144.0M |
| total project | \$161.6M |

CONSULTANTS

| | |
|---------------------|---------------------|
| architect of record | DLR Group |
| CM at Risk | Holder Construction |

PROJECT SCHEDULE

| | |
|------------------|-----------|
| BoT approval | 8/15 |
| construction | 6/17-8/21 |
| facility opening | 8/21 |

PROJECT UPDATE

Construction documents are nearly complete and construction will begin in June.

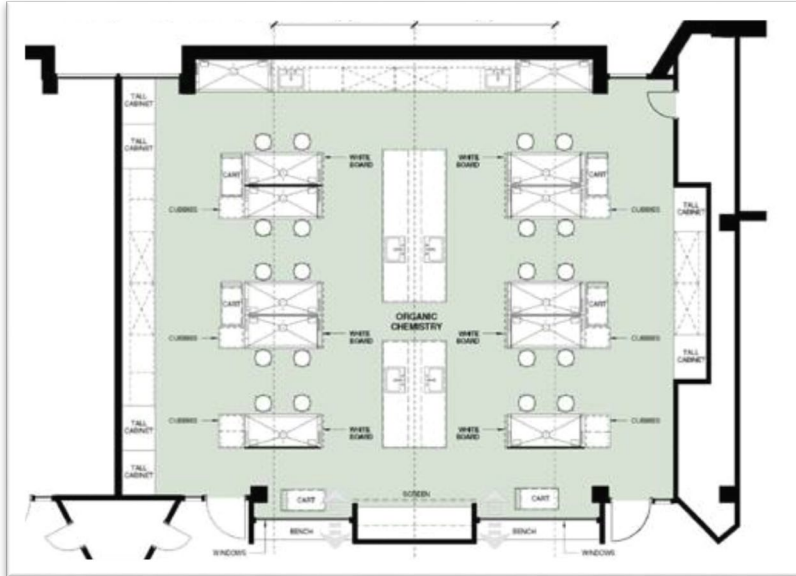
 On Time

 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 |

CONSULTANTS

| | |
|---------------------|--------|
| architect of record | BHDP |
| CM at Risk | Elford |

PROJECT SCHEDULE

| | |
|------------------|------------|
| BoT approval | 8/18 |
| construction | 12/19-8/22 |
| facility opening | 8/22 |

PROJECT UPDATE

Design team and CMR have been selected and design is underway.

 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 production; research on greenhouse engineering, pest and pathogen management, and plant breeding

PROJECT FUNDING

fundraising

CURRENT PROJECT BUDGET

| | |
|---------------------|---------|
| construction w/cont | \$31.8M |
| total project | \$35.0M |

CONSULTANTS

| | |
|---------------------|----------------|
| architect of record | Erdy McHenry |
| CM at Risk | Corna/Kokosing |


PROJECT SCHEDULE

| | |
|------------------|------|
| BoT approval | 6/17 |
| construction | TBD |
| facility opening | TBD |

PROJECT UPDATE

Design development is complete and the estimated costs exceed the conceptual estimates. A review of the scope and budget is underway.

 On Time

 On Budget



THE OHIO STATE UNIVERSITY

WEXNER MEDICAL CENTER

**Regional Ambulatory Facilities
Hamilton Road Site
OSU-180636**

CONTEXT PLAN PHASE 1 & 2



SITE LAYOUT PHASE 1

PARKING PHASE 1
BASE BID SPACES: 806
WITH ALTERNATE: 896



REGIONAL AMBULATORY FACILITY

HAMILTON ROAD
CAMPUS PARTNERS, THE OHIO STATE UNIVERSITY

PLAN - PHASE 1

0' 100' 200' 300'



SITE LAYOUT PHASE 2

PARKING PHASE 1
BASE BID SPACES: 806

WITH ALTERNATE: 896

PARKING PHASE 2
SPACES: 257

TOTAL SPACES: 1,153



REGIONAL AMBULATORY FACILITY

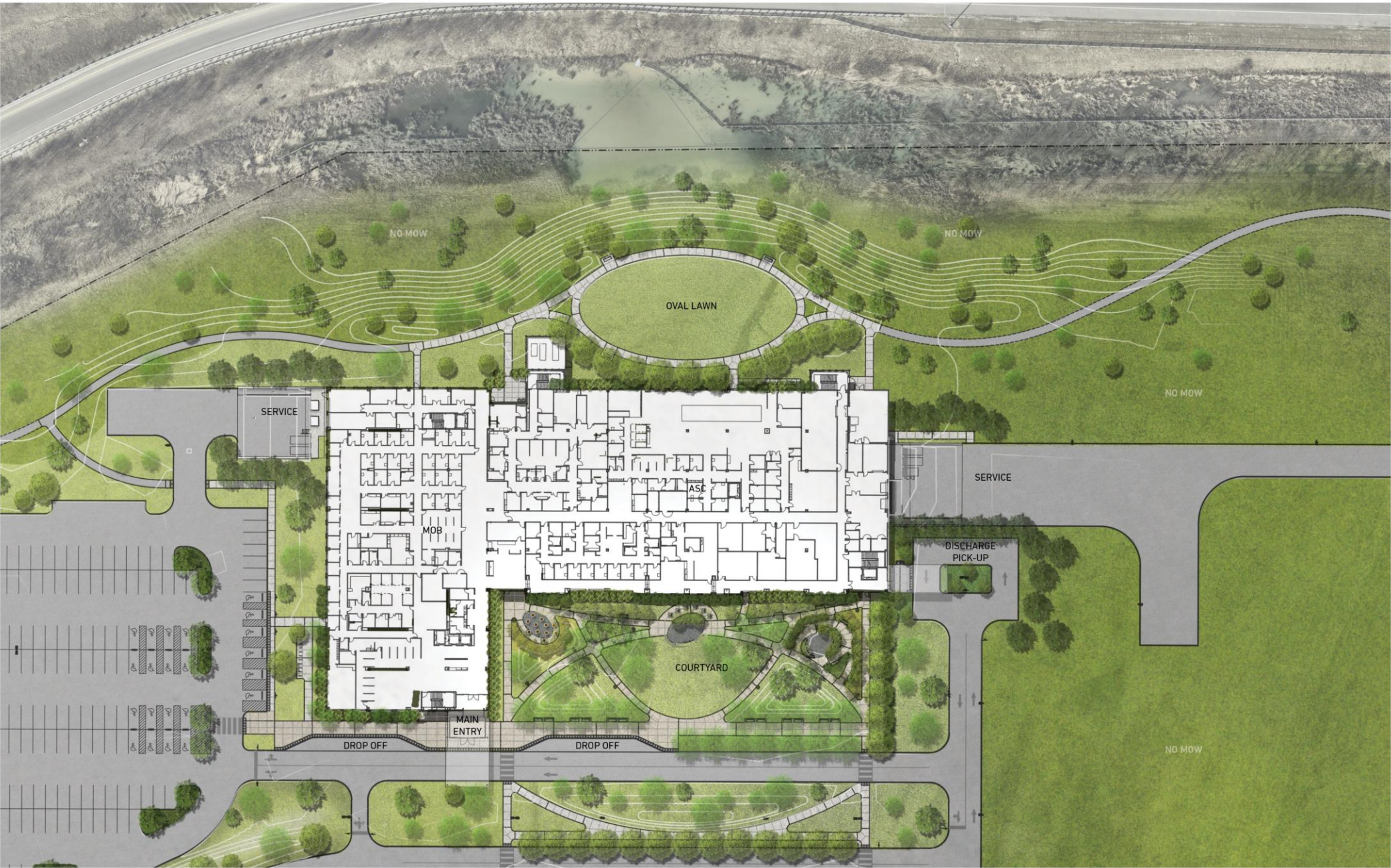
HAMILTON ROAD
CAMPUS PARTNERS, THE OHIO STATE UNIVERSITY

PLAN - PHASE 1

1"=100' 1"=200' 1"=400'



SITE LAYOUT PHASE 1

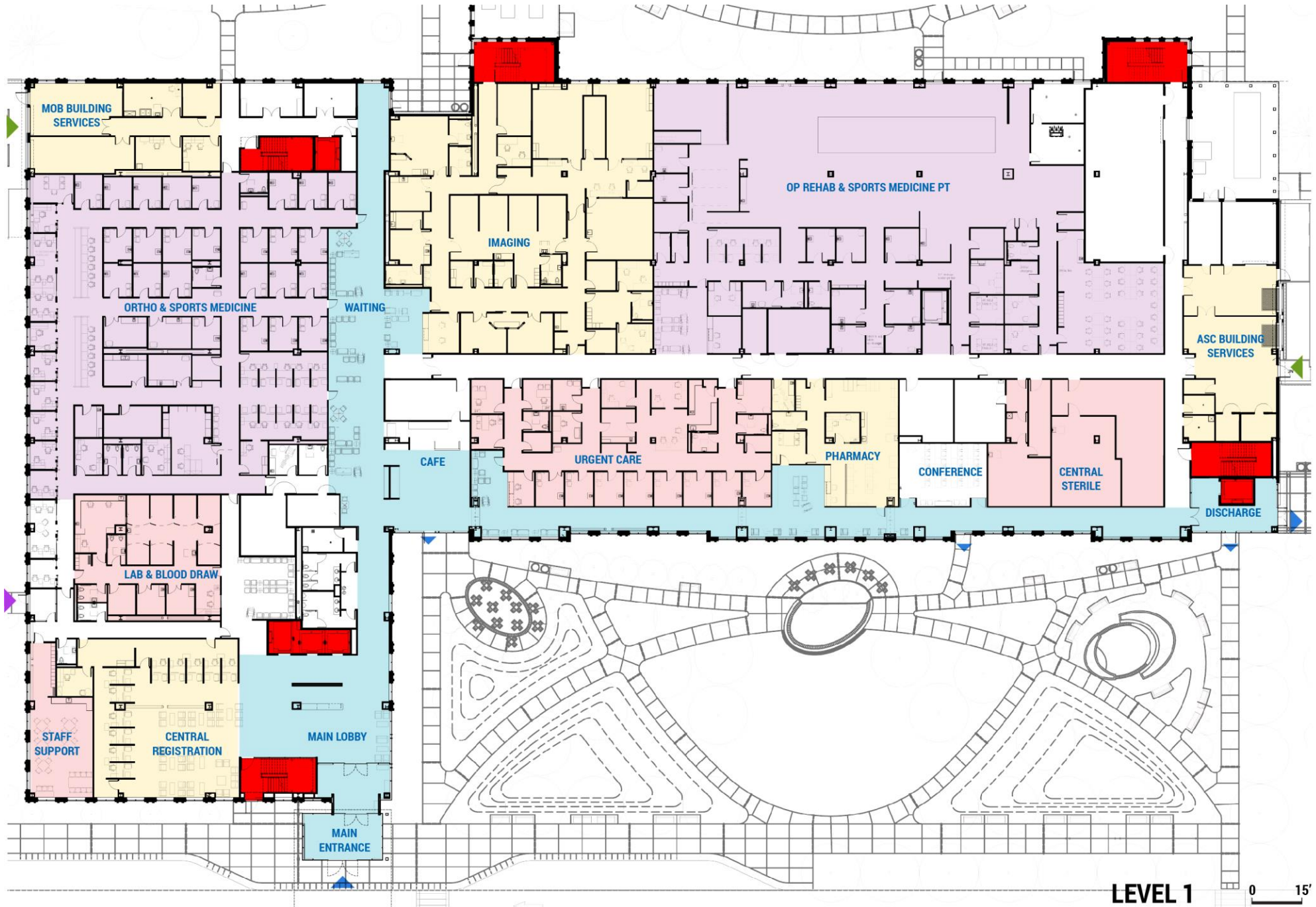


REGIONAL AMBULATORY FACILITY

HAMILTON ROAD
CAMPUS PARTNERS, THE OHIO STATE UNIVERSITY

PLAN - COURTYARD ENLARGEMENT

FIRST FLOOR PLAN







THE OHIO STATE UNIVERSITY

WEXNER MEDICAL CENTER



THE OHIO STATE
UNIVERSITY

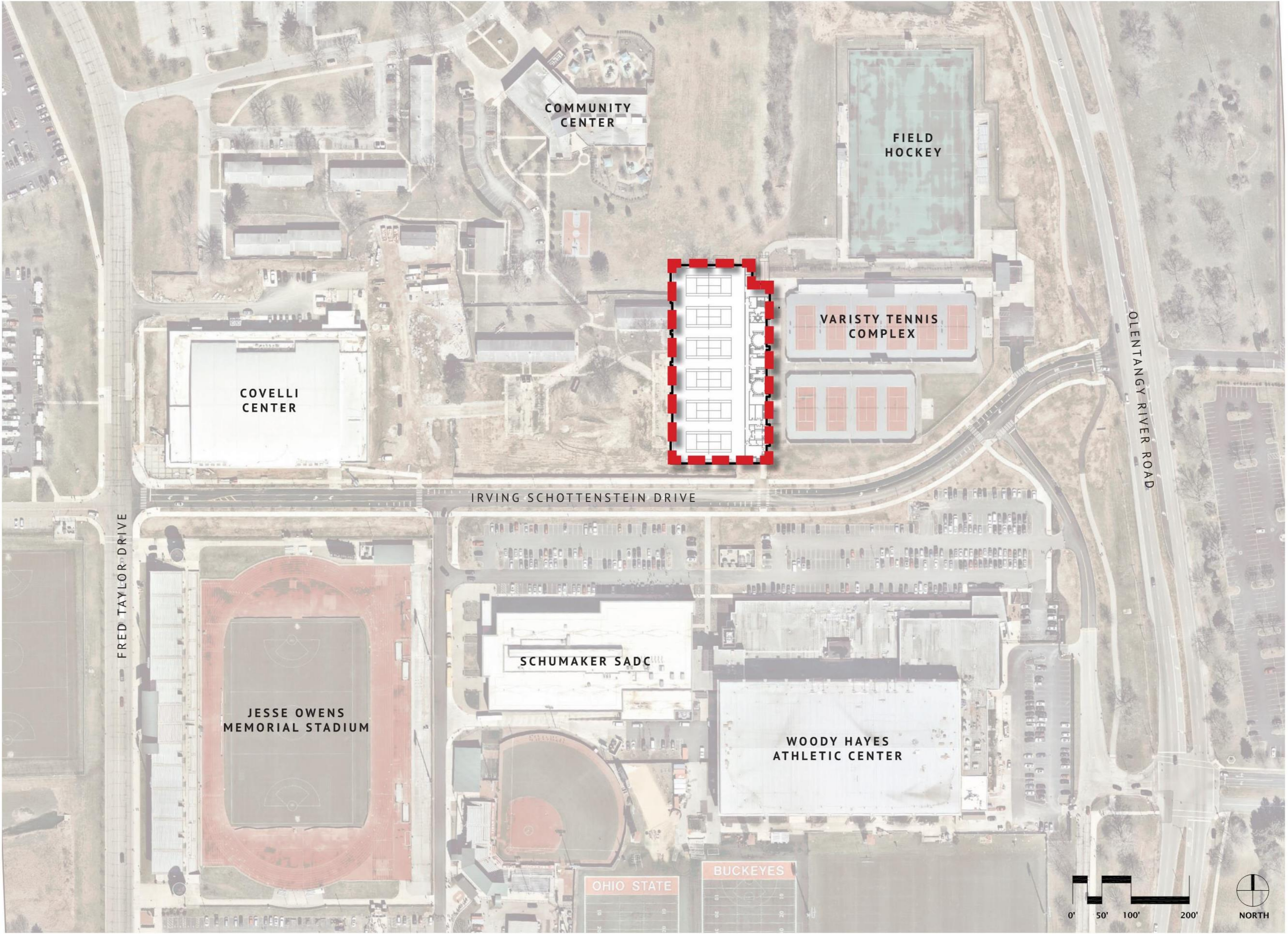
TY TUCKER TENNIS CENTER

MP&F Presentation – Design Development
May 30, 2019



MOODY•NOLAN

Columbus
THE
ARCHITECTURAL STUDIO



COMMUNITY CENTER

FIELD HOCKEY

VARISTY TENNIS COMPLEX

COVELLI CENTER

IRVING SCHOTTENSTEIN DRIVE

OLENTANGY RIVER ROAD

FRED TAYLOR DRIVE

JESSE OWENS MEMORIAL STADIUM

SCHUMAKER SADC

WOODY HAYES ATHLETIC CENTER

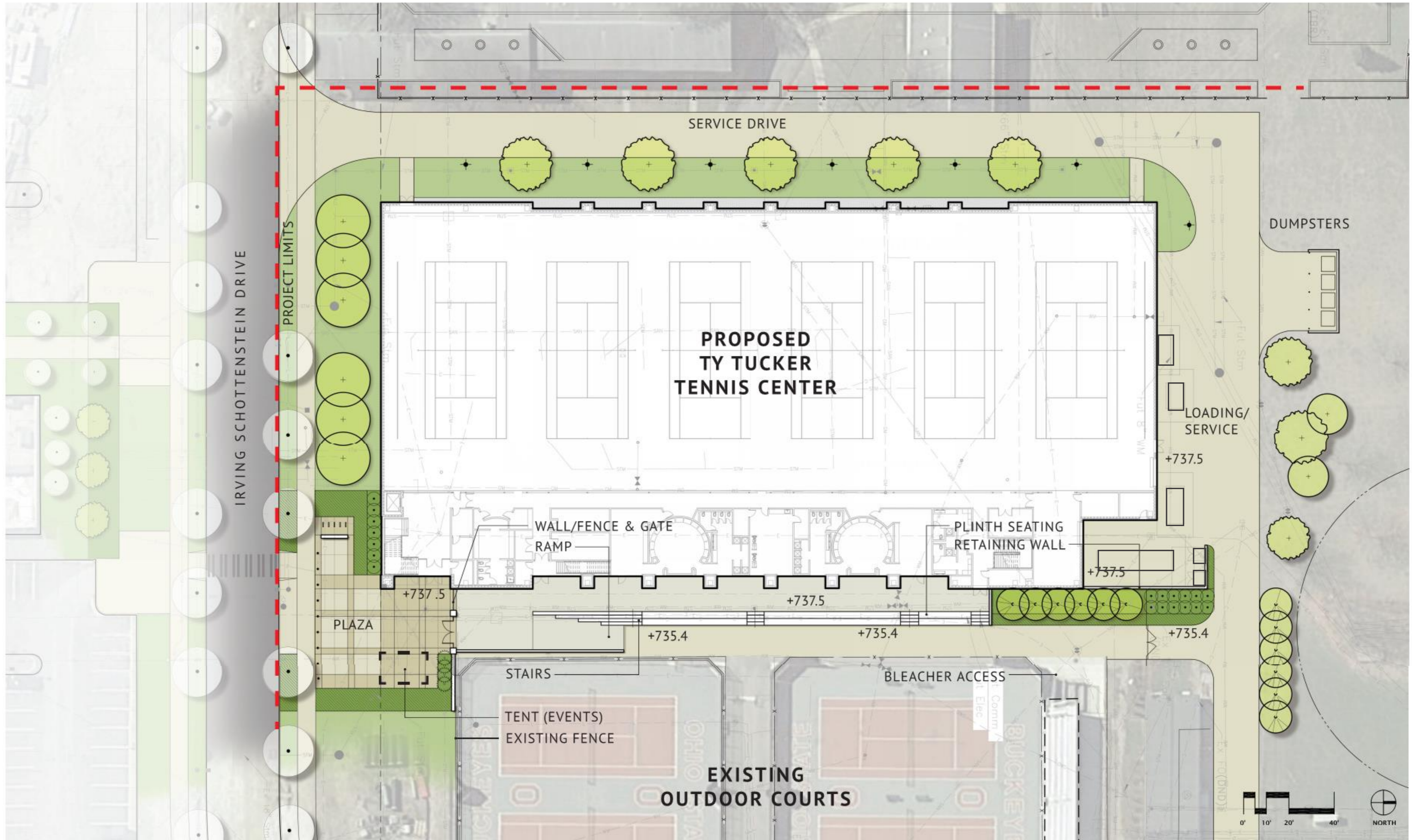
OHIO STATE

BUCKEYES



PROXIMITY MAP

May 14, 2019



**PROPOSED
TY TUCKER
TENNIS CENTER**

IRVING SCHOTTENSTEIN DRIVE

PROJECT LIMITS

SERVICE DRIVE

DUMPSTERS

LOADING/
SERVICE

WALL/FENCE & GATE
RAMP

PLINTH SEATING
RETAINING WALL

PLAZA

STAIRS

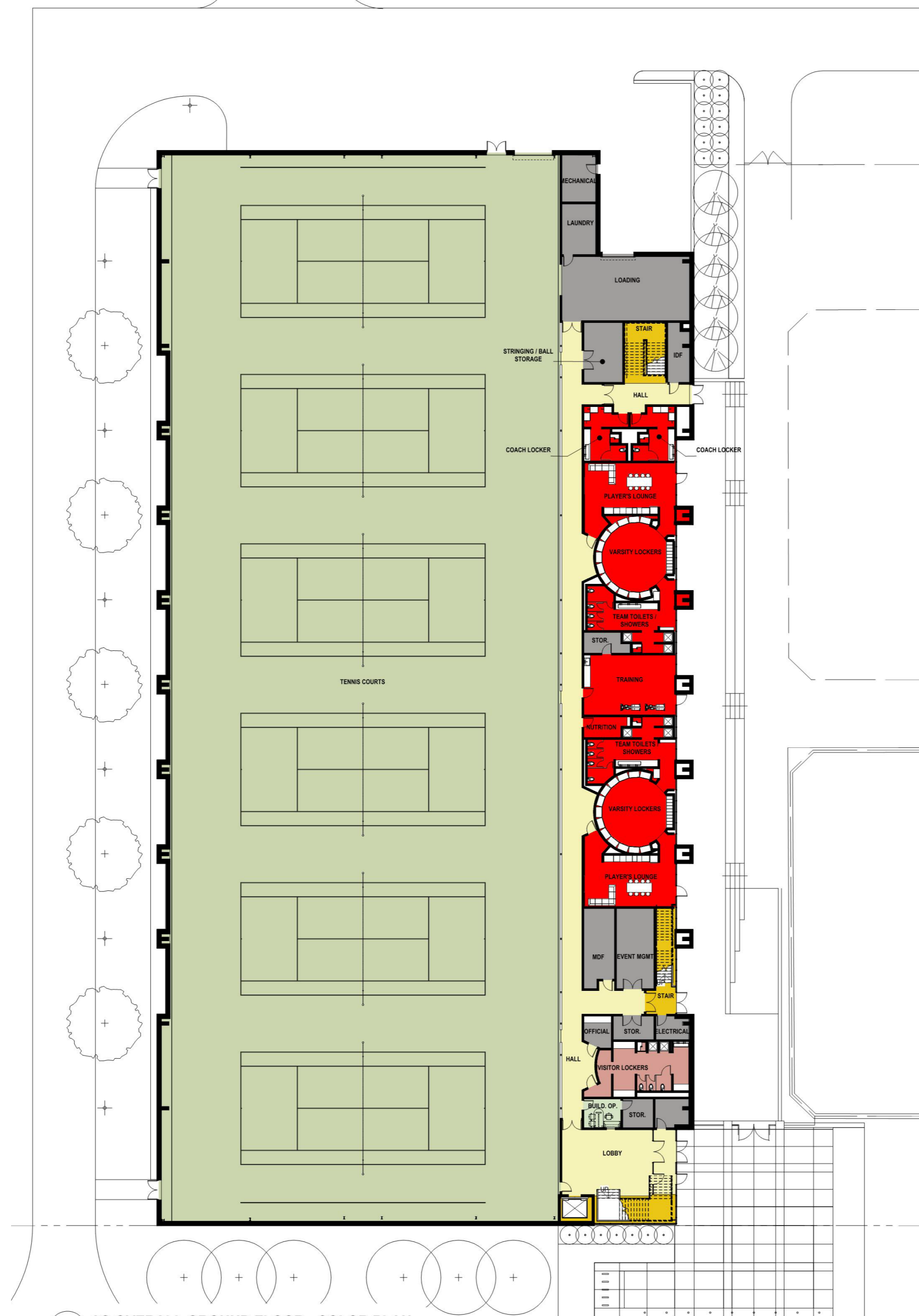
TENT (EVENTS)
EXISTING FENCE

EXISTING
OUTDOOR COURTS

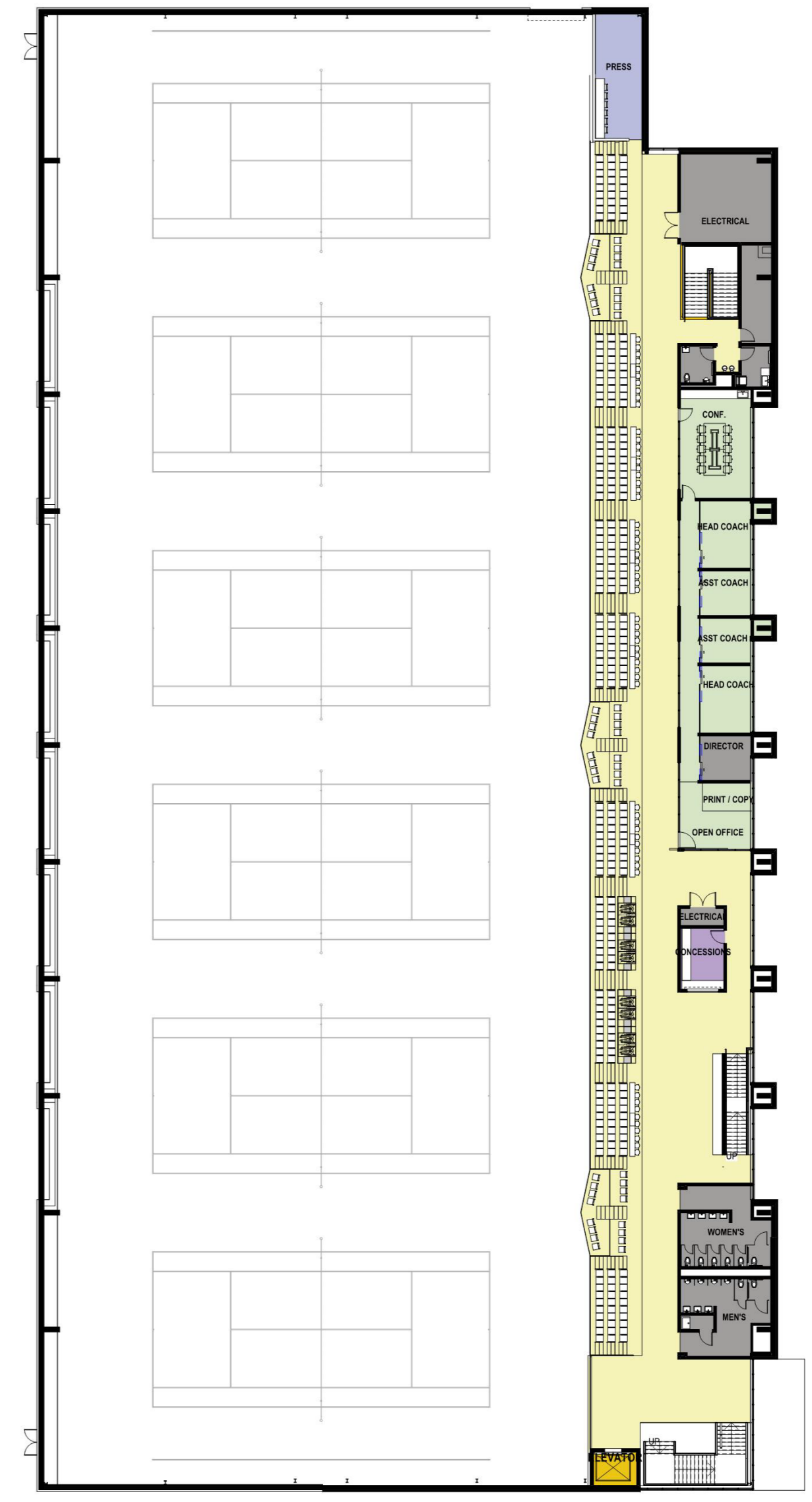
BLEACHER ACCESS



PLANS



1 0G OVERALL GROUND FLOOR - COLOR PLAN
1/16" = 1'-0"



2 01 OVERALL FIRST FLOOR - COLOR PLAN
1/16" = 1'-0"



D. J. DONNER TENNIS CENTER

D. J. DONNER TENNIS CENTER



THE OHIO STATE
UNIVERSITY

TY TUCKER TENNIS CENTER

DRB Presentation – Design Development



MOODY•NOLAN

Columbus
THE
ARCHITECTURAL STUDIO

**APPROVAL OF INTERIM CAPITAL INVESTMENT PLAN
FOR FISCAL YEAR 2020**

Synopsis: Authorization and acceptance of the Interim Capital Investment Plan for the fiscal year ending June 30, 2020, is proposed.

WHEREAS the university has not yet finalized its operating budget for fiscal year 2020; and

WHEREAS the Interim Capital Investment Plan will allow the university to begin or continue capital projects in support of strategic goals during the period from July 1, 2019, through August 31, 2019; and

WHEREAS the recommended capital expenditures are the result of the university's comprehensive annual capital planning process; and

WHEREAS only those projects outlined in these recommendations will be approved for funding; and

WHEREAS the fiscal year 2020 Capital Investment Plan will be presented for consideration at the August 30, 2019, Board of Trustees meeting:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby approves the Interim Capital Investment Plan for the fiscal year ending June 30, 2020; and

BE IT FURTHER RESOLVED, That per board policy, any request for authorization to proceed with any project contained in the Interim Capital Plan must be submitted individually by the university for approval by the Board of Trustees.

Interim FY2020-24 Capital Investment Plan

(\$ Millions)

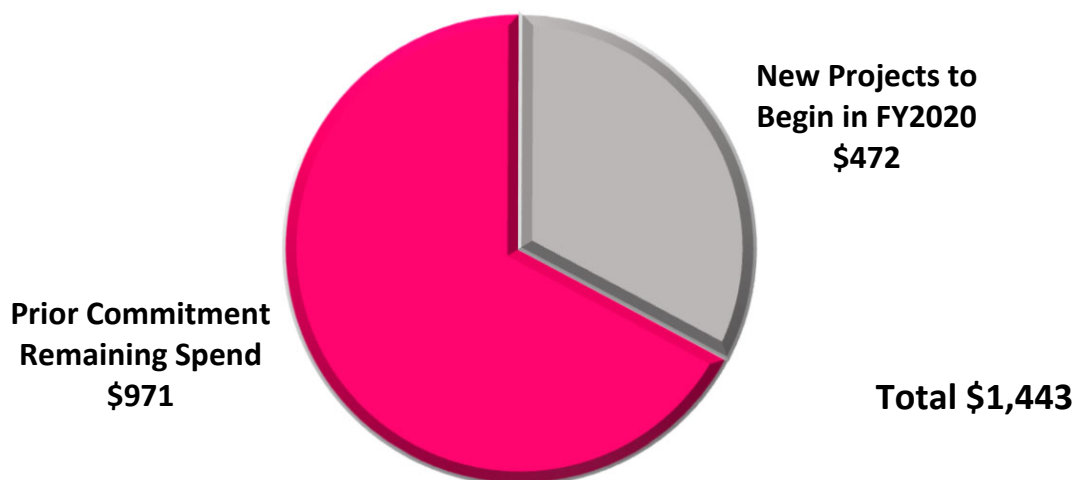


Table 1 - Prior Commitment - Remaining Spend

| Line | Capital Priority | Projected Capital Expenditures | | | | | Total |
|------|---|--------------------------------|--------------|--------------|-------------|------------|--------------|
| | | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | |
| 1 | Athletics - Covelli Multi-Sport Arena | 6.3 | 2.4 | | | | 8.7 |
| 2 | Cannon Drive Relocation - Phase I | 5.9 | 1.3 | | | | 7.2 |
| 3 | Postle Partial Replacement | 48.7 | 21.7 | | | | 70.4 |
| 4 | Ohio Stadium Upgrades | 5.8 | 0.7 | | | | 6.4 |
| 5 | Wooster - New Laboratory Building | 17.8 | 10.2 | 0.8 | | | 28.8 |
| 6 | OSU East - West Wing Expansion/Renovation | 15.9 | 5.5 | | | | 21.5 |
| 7 | Campus Wi-Fi System | 8.1 | 5.6 | 0.2 | | | 13.8 |
| 8 | A&S - Celeste Teaching Labs Renovations | 6.3 | 7.9 | 7.9 | 6.4 | | 28.5 |
| 9 | Athletics - Indoor Tennis Center | 6.8 | 9.6 | 4.9 | | | 21.3 |
| 10 | Engineering - Advanced Materials Corridor | 28.0 | 16.1 | 1.3 | | | 45.4 |
| 11 | FAES - Controlled Env. Food Prd Research | 17.4 | 4.6 | | | | 22.0 |
| 12 | FOD - Cannon Ph 2 - (additional design funding) | 1.6 | 1.9 | 1.5 | 0.5 | | 5.5 |
| 13 | FOD - RDM Instructional Sciences | 1.0 | 6.8 | 8.8 | 8.4 | | 25.0 |
| 14 | Newark - Science & Technology Bldg | 8.2 | 10.7 | 3.4 | | | 22.3 |
| 15 | Nursing - Newton Building Addition | 2.4 | 8.6 | 11.5 | 1.6 | | 24.1 |
| 16 | TTM - Service Annex Building Renovation | 3.9 | 2.7 | | | | 6.6 |
| 17 | Arts District (design) | 6.8 | | | | | 6.8 |
| 18 | Interdisciplinary Research Center (design) | 12.1 | | | | | 12.1 |
| 19 | Interdisciplinary Health Sci Center (design) | 13.6 | | | | | 13.6 |
| 20 | Interdisciplinary Health Sci + Opt Clinic | 19.0 | 12.7 | 2.6 | | | 34.3 |
| 21 | Inpatient Hospital (design) | 28.3 | | | | | 28.3 |
| 22 | WMC - Regional Ambulatory Site 1 Hamilton Road | 25.4 | 25.4 | 26.8 | 6.8 | | 84.4 |
| 23 | WMC - Ambulatory West Campus (design) | 7.7 | 7.7 | 6.3 | | | 21.7 |
| 24 | WMC - Inpatient Hospital - Central Sterile Supply | 23.1 | 15.9 | 3.1 | | | 42.1 |
| 25 | WMC - Inpatient Hospital - Garage, Infrast. & Roads | 28.1 | 33.1 | 21.8 | 4.5 | | 87.5 |
| 26 | WMC - Ambulatory Dublin (design) | 4.0 | | | | | 4.0 |
| 27 | Energy Advancement and Innovation Center (design) | 3.0 | | | | | 3.0 |
| 28 | Roll-up of Small Projects | 141.8 | 97.1 | 35.6 | 1.6 | | 276.1 |
| | Totals | 496.8 | 308.3 | 136.5 | 29.7 | 0.0 | 971.3 |

Interim FY2020-24 Capital Investment Plan

Table 2 - New Projects Beginning in FY2020

| Line | Capital Priority | Funding | | | | | Total |
|------|---|--------------|--------------|--------------|-------------|------------|--------------|
| | | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 | |
| 1 | Small Programmatic Cash-Ready Projects | 1.4 | 16.5 | 10.1 | 0.7 | | 28.7 |
| 2 | Anticipated Spend for CIP Additions/Changes | 0.4 | 8.9 | 0.7 | | | 10.0 |
| 3 | WMC - Roll-up of Multiple Cash-Ready Projects | 152.6 | | | | | 152.6 |
| 4 | Roll-up of Small Infrastructure/RDM Projects | 0.6 | 11.4 | 7.0 | 0.5 | | 19.5 |
| 5 | A&S - Arts District Phase 1 (const.) | 18.1 | 43.5 | 43.5 | 38.2 | 1.7 | 145.0 |
| 6 | Newark - Science & Technology Bldg (Third Floor) | 2.4 | 5.8 | 1.2 | | | 9.4 |
| 7 | Pharmacy - Parks Hall Fume Hood Renovations | 0.2 | 2.5 | 4.0 | 0.3 | | 7.0 |
| 8 | SL - Housing - Columbus R&R & Minor Capital FY 2020 | 0.3 | 4.9 | 8.0 | 0.7 | | 13.9 |
| 9 | SL - Housing - Taylor Public Space Renovation | 0.2 | 1.3 | 3.8 | 3.9 | 1.8 | 11.0 |
| 10 | VetMed - Vet Community Practice Hosp. and Learning | 0.3 | 2.1 | 6.1 | 6.2 | 2.8 | 17.5 |
| 11 | WMC - Ambulatory Dublin (design 2) | 2.0 | 5.0 | 1.0 | | | 8.0 |
| 12 | WMC - Ambulatory Hamilton Road (const. 2) | 6.7 | 16.1 | 15.8 | 4.3 | | 42.9 |
| 13 | WMC - Ambulatory West Campus (enabling) | 0.3 | 5.9 | 0.4 | | | 6.6 |
| | Totals | 185.5 | 123.9 | 101.6 | 54.8 | 6.3 | 472.1 |

Table 3 - Funding for New Projects Beginning in FY2020 by Unit Type

| Line | Unit Type | Funding Sources | | | | | | Totals by Unit | % by Unit |
|---------------------------------|---------------------------|-----------------|---------------|----------------|----------------|----------------|-------------|-----------------|-----------|
| | | Local Funding | State Capital | Debt | Fund Raising | CEMP Capital | Partners | | |
| 1 | Academic/Academic Support | \$ 60.1 | \$ - | \$ 25.0 | \$ 79.0 | \$ 68.1 | \$ - | \$ 232.2 | 49.2% |
| 2 | Student Life | \$ 30.1 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 30.1 | 6.4% |
| 3 | Athletics | \$ 12.6 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 12.6 | 2.7% |
| 4 | Infrastructure | \$ 6.7 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 6.7 | 1.4% |
| 5 | Wexner Medical Center | \$ 177.0 | \$ - | \$ - | \$ 13.5 | \$ - | \$ - | \$ 190.5 | 40.4% |
| Totals by Funding Source | | \$ 286.5 | \$ - | \$ 25.0 | \$ 92.5 | \$ 68.1 | \$ - | \$ 472.1 | |
| % by Funding Source | | 60.7% | 0.0% | 5.3% | 19.6% | 14.4% | 0.0% | | |

**APPROVAL OF FY20 INTERIM OHIO STATE ENERGY PARTNERS
UTILITY SYSTEM CAPITAL IMPROVEMENT PROJECTS**

Utility Systems Life-Cycle Renovation, Repair and Replacement Projects
Utility Systems Expansion and Extension Projects
Energy Conservation Measure Projects

Synopsis: Authorization and acceptance of the Ohio State Energy Partners LLC interim fiscal year 2020 plan and authorization for Ohio State Energy Partners LLC to make capital improvements to the utility system pursuant to terms of the Long-Term Lease and Concession Agreement for The Ohio State University Utility System dated April 10, 2017, as amended ("Agreement"), is proposed.

WHEREAS the Agreement requires the concessionaire, Ohio State Energy Partners LLC, to annually submit a plan for utility system capital improvement projects for university approval; and

WHEREAS the plan includes requested approval of these utility system capital improvement projects for the fiscal year beginning July 1, 2019; and

WHEREAS the university has not finalized its operating budget or capital investment plan for fiscal year 2020; and

WHEREAS it is necessary to continue time-sensitive utility systems projects until the fiscal year 2020 operating and capital plans are finalized and adopted; and

WHEREAS the concessionaire has provided the detailed descriptions of the proposed capital improvements, supporting technical data and analysis, pursuant to Section 4.3(c) of the Agreement; and

WHEREAS the projects will be delivered pursuant to the terms of the Agreement; and

WHEREAS the capital expenditures for the approved utility system projects will be added to the variable fee component of the utility fee pursuant to the Agreement; and

WHEREAS the university has reviewed and considered the financial, technical and operational aspects of these projects and the projects' alignment with university plans and sustainability goals; and

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

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

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby approves and authorizes Ohio State Energy Partners LLC to proceed with the Interim Fiscal Year 2020 capital improvements to the Utility System as outlined in the attached materials.

**APPROVAL OF INTERIM FISCAL YEAR 2020
OHIO STATE ENERGY PARTNERS
UTILITY SYSTEM CAPITAL IMPROVEMENT PROJECTS**

BACKGROUND

Pursuant to the terms of the long-term lease and concession agreement (“Agreement”) for the Ohio State University utility system dated April 10, 2017 and as amended; Ohio State Energy Partners LLC (OSEP) will fund and implement capital improvements to the utility system. Capital investments made by OSEP will be tied to the variable fee component of the annual Utility Fee structure.

Proposed capital projects are evaluated by the university and OSEP for alignment with applicable strategic, financial, and physical plans and to ensure continued reliability, safety and compliance of the utility system.

Pursuant to the Agreement, OSEP submitted a draft five-year plan to the Energy Advisory Committee (EAC) 180 days prior to the start of the fiscal year. Members of the EAC have reviewed the details of the proposed five-year plan, provided feedback and made recommendations to OSEP. OSEP submitted a revised five-year plan for university review and approval, including the OSEP Fiscal Year 2020 proposed capital investments. To ensure alignment with the university’s operating budget and capital plan approval schedule, an Interim OSEP fiscal year 2020 Utility System capital improvement plan was developed as further described below.

Approval of these projects will be pursuant to the project scope outlined below, any applicable university directives, applicable project requests, and supporting documentation submitted pursuant to the Agreement.

Utility Systems Life-Cycle Renovation, Repair, and Replacement Projects
Utility Systems Expansion and Extension Projects
Energy Conservation Measure Projects

Utility System Life-Cycle Renovations, Repairs, and Replacement Projects

Electrical Distribution Equipment Assessment and Replacement 31-20-LFC

Scope: Upgrades to the electrical distribution system to address equipment at the end of its life cycle. The scope of this project includes the assessment of relevant components of the distribution system for replacement according to a risk-prioritized schedule.

Estimated Cost: \$ 339,000 (Design Only)

| Project Cost Breakdown | Cost |
|------------------------|----------|
| Design – FY 2020 | \$0.34 M |

McCracken Chilled Water Lifecycle Upgrade 32-20-LFC

Scope: The current chilled water system in McCracken is approximately 20 years old and near the end of its useful life. This project will replace approximately 200 feet of piping; media in the sand filters, sensors, insulation, and valves. The project will also correct cooling tower leaks; and upgrade lighting, security, and emergency egress.

Estimated Cost: \$2.9 M

| Project Cost Breakdown | Cost |
|------------------------|----------|
| FY 2020 | \$1.35 M |
| FY 2021 | \$1.55 M |

Steam Piping Weld Inspection & Correction Project 52-20-LFC

Scope: Inspection of 4000 feet of piping in the campus core to identify and correct weld deficiencies.

Estimated Cost: \$394,000

| Project Cost Breakdown | Cost |
|------------------------|-----------|
| FY 2020 | \$ 0.39 M |

City Water Loss Utility System Risk Assessment & Improvement 62-19-LFC

Scope: Construction of a water storage tank supply system for the South Campus Central Chiller Plant.

Estimated Cost: \$ 302,000

| Project Cost Breakdown | Cost |
|------------------------|-----------|
| FY 2019 – Design | \$ 0.05 M |
| FY 2020 – Construction | \$0.30 M |

Campus Gas – Building System Upgrade 77-20-LFC

Scope: The university will audit all buildings within the nine master-meter natural gas systems to ascertain the gas needs of each buildings. Using the audit, OSEP will identify and repair/upgrade any system inadequacies to insure safe, reliable, and compliant operation. This project will be repeated annually until the entire system has been addressed.

Estimated Cost: \$ 544,000

| Project Cost Breakdown | Cost |
|------------------------|-----------|
| FY 2020 | \$ 0.54 M |

Utility Systems Expansions and Extensions Projects

South Neil Steam Capacity Upgrade 09-18-EXP

Scope: Upgrade the South Neil steam capacity to provide adequate steam to the expanded Postle Hall.

Estimated Cost: \$1.92 M

| Project Cost Breakdown | Cost |
|------------------------|-----------|
| FY 2019 – Design | \$ 0.09 M |
| FY 2020 – Construction | \$ 1.92 M |

College Road Utility System Infrastructure 15-18-EXP

Scope: Expand and improve utility infrastructure for the new Arts District facilities School of Music and Department of Theatre; buildout of the East Region Chilled Water Plant (ERCWP); connecting the Wexner Arts complex to ERCWP; and tunnel repairs at Page Hall. To maximize construction efficiencies, the university’s Arts District project will manage the installation of OSEP utility system equipment within the Department of Theatre site. This \$20.56 M request includes approximately \$1.6 M that OSEP will transfer to OSU for this portion of the project.

Estimated Cost: \$ 20.56 M

| Project Cost Breakdown | Cost |
|------------------------|------------|
| FY 2019 – Design | \$ 1.80 M |
| FY 2020 – Construction | \$ 20.56 M |

Combined Heat and Power Plant and Midwest District Heating & Cooling Loop 16-19-EXP

Scope: Selection of contractors to advance the design of the Combined Heat and Power Plant and Midwest District Heating & Cooling Loop, including the major equipment elements (gas and steam turbines and heat recovery steam generators). The permitting process with the Ohio Power Siting Board will also be initiated.

Estimated Cost: \$ 10.0 M (Design, Permitting, and OEM long-lead contracts)

| Project Cost Breakdown | Cost |
|------------------------|-----------|
| FY 2019 | \$ 10.0 M |

Chilled Water Plants Network Connections 38-20-EXP

Scope: Modifications to campus central chilled water systems to optimize resiliency through interconnection of the chilled water loops. Project scope will include new/upgraded pumps, distribution pipes, and a thermal storage system. The interconnection of the existing networks will enable greater optimization, increase resiliency, and improve energy efficiency.

Estimated Cost: \$ 809,000 (Design only)

| Project Cost Breakdown | Cost |
|------------------------|-----------|
| FY 2020 – Design only | \$ 0.81 M |

South Residence Halls Air Conditioning 57-19-EXP

Scope: Design to bring air conditioning to Baker, Mack, Canfield, Bradley and Paterson Halls via available capacity in the existing south high-rise geothermal plant. It is expected that construction approval will be sought in August 2019. To ensure that the project is complete prior to the residence move-in for summer 2020, the design work must begin promptly.

Estimated Cost: \$ 1.4 M (Design only)

| Project Cost Breakdown | Cost |
|----------------------------------|-----------|
| FY 2019 – Study | \$ 0.06 M |
| FY 2020 – Design | \$ 1.40 M |
| Projected FY 2020 – Construction | \$ 9.40 M |

Athletics District Gas & Power Infrastructure (Tennis Facility only) 73-20-EXP

Scope: Expand the utility system to provide power and gas to new Athletics District facilities including Ty Tucker Tennis Facility, gymnastics, fencing, practice facility, indoor track, and lacrosse stadium. Design work for the tennis facility must begin promptly to stay on schedule with the university's planned construction schedule for this facility.

Estimated Cost: \$ 50,000 (Tennis Facility Design only)

| Project Cost Breakdown | Cost |
|-------------------------------------|-----------|
| FY 2020 – Design | \$ 0.05 M |
| Projected FY 2020-22 – Construction | \$ 5.68 M |

Optometry Building Electrical Supply – 74-20-EXP

Scope: Extension of the university electricity distribution system to the new optometry building. This work includes the installation of a new transformer. The transformer must be ordered promptly to keep the project on the university’s desired schedule.

Estimated Cost: \$ 256,000

| Project Cost Breakdown | Cost |
|------------------------|-----------|
| FY 2020 | \$ 0.26 M |

ENGIE Digital Platform – Phase II 75-20-EXP

Scope: Continuation of the ENGIE Digital platform. Phase I, was a platform for real-time energy data from the various campus buildings and energy systems. Phase II will optimize communications between campus heating and cooling assets (e.g. regional plants and local in-building assets); and implement controls to better engage in ancillary energy market programs, reduce system energy peaks, and manage the optimization of campus as an integrated energy system.

Estimated Cost: \$ 593,000

| Project Cost Breakdown | Cost |
|------------------------|-----------|
| FY 2020 | \$ 0.59 M |

Controlled Environment Food Production Research facility utility infrastructure 80-20-EXP

Scope: Provide the necessary infrastructure to supply the required electricity and natural gas needs for the university’s project OSU-160920.

Estimated Cost: \$ 320,000 (Design only)

| Project Cost Breakdown | Cost |
|------------------------|-----------|
| FY 2020 | \$ 0.18 M |
| FY 2021 | \$ 0.14 M |

Vet Community Practice Hospital and Learning Expansion – Utility Systems 83-20-EXP

Scope: Expansion of the primary electricity and natural gas distribution systems to provide service to the new Vet Community Practice Hospital. Installations will include new underground primary electric service and natural gas service, a transformer, electric and natural gas meters, switch, and associated communications equipment.

Estimated Cost: \$421,000

| Project Cost Breakdown | Cost |
|------------------------|-----------|
| FY 2020 | \$ 0.22 M |
| FY 2021 | \$ 0.20 M |

Energy Conservation Measures Projects

Campus Lighting - Buildings Phase III 54-20-ECM (Student Life Only)

Scope: Continuation of the indoor lighting retrofit. Phase III is being sub-divided. For the Interim FY 2020 plan, Phase III will only include approximately 25 Student Life residence halls and buildings. It is necessary to begin the work on the Student Life facilities so the work can be completed over the summer when students are away. The balance of Phase III is projected to come for approval in August 2019 and will include over 150 additional buildings. Completion of Phase III will complete a campus-wide lighting retrofit of more than 70,000 lamps.

Estimated Cost: \$ 4,085,000

| Project Cost Breakdown | Cost |
|-----------------------------|-----------|
| FY 2020 – SL Buildings Only | \$ 4.08 M |

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

APPROVAL TO ENTER INTO/INCREASE PROFESSIONAL SERVICES CONTRACTS

Cannon Drive Relocation – Phase 2
Comprehensive Transportation & Parking Plan Update
WMC Regional Ambulatory Facilities – Dublin

APPROVAL TO ENTER INTO/INCREASE PROFESSIONAL SERVICES AND CONSTRUCTION CONTRACTS

Arts District
Morehouse Tower – 7th – 8th Floor Updates
Taylor Tower – Main Entrance
VMC Community Practice Hospital & Learning Center
WMC Regional Ambulatory Facilities – Hamilton Road

APPROVAL TO ENTER INTO/INCREASE CONSTRUCTION CONTRACTS

Newark – John & Mary Alford Center for Science and Technology
Service Building Annex Renovation
Ty Tucker Tennis Center
WMC West Campus Ambulatory Facilities

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/increase professional services contracts for the following projects; and

| | Prof. Serv. Approval Requested | Total Project Cost | |
|--|--------------------------------|--------------------|-----------------------------------|
| Cannon Drive Relocation – Phase 2 | \$5.2M | TBD | University Debt OSEP Funds |
| Comprehensive Transportation & Parking Plan Update | \$0.3M | | University Funds Partner Funds |
| WMC Regional Ambulatory – Dublin | \$12.0M | TBD | Auxiliary Funds |

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

| | Prof. Serv. Approval Requested | Construction Approval Requested | Total Project Cost | |
|---|--------------------------------|---------------------------------|--------------------|--|
| Arts District | \$1.0M | \$145.6M | \$161.6M | University Debt Fundraising University Funds OSEP Funds |
| Morehouse Tower – 7 th & 8 th Floor Updates | \$0.7M | \$4.3M | \$5.0M | Auxiliary Funds |
| Taylor Tower – Main Entrance | \$1.0M | \$10.M | \$11.0M | Auxiliary Funds |

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

| | Prof. Serv. Approval Requested | Construction Approval Requested | Total Project Cost | |
|--|--------------------------------------|---------------------------------------|--------------------------|------------------------------|
| VMC Community Practice Hospital & Learning Center | \$2.0M | \$15.5M | \$17.5M | Fundraising University Funds |
| WMC Regional Ambulatory Facilities – Hamilton Road | \$11.0M | \$114.9M | \$137.9M | Auxiliary Funds |

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

| | Construction Approval Requested | Total Project Cost | |
|---|---------------------------------------|--------------------------|--|
| Newark – John & Mary Alford Center for Science and Technology | \$29.7M | \$32.0M | University Debt Fundraising University Funds |
| Service Building Annex Renovation | \$1.7M | \$8.7M | University Funds |
| Ty Tucker Tennis Center | \$20.9M | \$22.8M | Fundraising |
| WMC West Campus Ambulatory Facilities | \$6.6M | TBD | Auxiliary 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 fiscal year 2019 Capital Investment Plan be amended to include additional construction for the Ty Tucker Tennis Center; and

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 enter into/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.

Project Data Sheet for Board of Trustees Approval

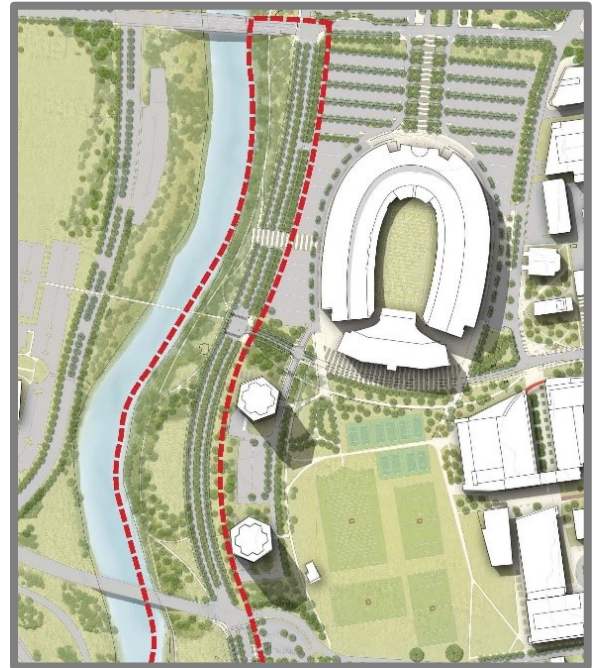
Cannon Drive Relocation – Phase 2

OSU-180069 (CNI# 13000046, 18000174)

Project Location: Cannon Drive between John Herrick Drive and Woody Hayes Drive

- **approval requested and amount**
 - professional services including OSEP scope \$5.2M
- **project budget**
 - professional services (previously approved) \$3.0M
 - professional services (remaining design) \$3.6M
 - construction w/contingency TBD
 - OSEP scope \$1.6M

 - total project cost TBD
- **project funding**
 - university debt
 - fundraising
 - university funds
 - OSEP funds
 - auxiliary funds
 - state funds
- **project schedule**
 - BoT professional services approval 8/17
 - design 9/17 – 5/20
 - construction 3/20 – 12/22
- **project delivery method**
 - general contracting
 - design/build
 - construction manager at risk
- **planning framework**
 - this project was included in the FY 2018 Capital Investment Plan to begin design services; the remaining \$3.6M for professional services is included in the FY 2019 Capital Investment Plan
 - schematic design is complete
- **project scope**
 - the project will continue the relocation of Cannon Drive between John Herrick Drive and Woody Hayes Drive and will raise Cannon Drive above the 500-year flood level
 - the project anticipates extending Annie and John Glenn Ave from Tuttle Park Place to Cannon Drive
 - a new north/south road will be constructed east of Lincoln and Morrill Towers to provide service access for the towers
 - final project scope and total project cost will be validated during design
- **approval requested**
 - approval is requested to increase professional services contracts for the remainder of design services including OSEP scope



-
- **project team**
 - University project manager: Tom Ekegren
 - AE/design architect: EMHT, Inc.
 - CM at Risk: Igel/Ruhlin (joint venture)

APPROVAL TO ENTER INTO A CONTRACT FOR PROFESSIONAL SERVICES TO UPDATE THE COMPREHENSIVE TRANSPORTATION AND PARKING PLAN

The Ohio State University campus master plan, Framework 2.0, is a long-term guiding vision that imagines the development of transformational, clinical, research and learning environments over the next decade and beyond. While Framework 2.0, adopted in 2017, establishes a very high-level transportation strategy, more detailed planning is needed around transportation and parking to support near-term and long-term campus development.

Two previous Comprehensive Transportation and Parking Plans have been conducted — one in 2014, and a follow-up with a more narrow focus in 2016. Both studies identified the need for a paradigm shift for transportation that will support key principles embodied in Framework 2.0. These principles include a more pedestrian-oriented campus core, implementing a park-once strategy and migrating over time to an integrated, seamless parking and transit system that is both convenient and effective.

The goal of this Comprehensive Transportation and Parking Plan update is to outline and prioritize a path to an efficient and sustainable transportation and parking system that is effective for everyday users, yet easy for visitors to navigate. It must also be flexible, enabling the university to grow and evolve over time. In addition, projects and plans being implemented outside the boundaries of the university need to be understood as they impact the Ohio State transportation system. The university will partner with CampusParc to ensure the following deliverables:

- Provide strategies and solutions to address near-term parking and transportation needs related to campus development on West Campus, the Wexner Medical Center and Health Sciences District, and Arts District.
- Refine the university's high-level future "mobility vision" and test it for reasonableness against an evolving mobility landscape.
- Document current parking supply/utilization and project future faculty, staff, student and visitor population levels related to transportation and parking needs.
- Analyze and recommend solutions for fully utilizing all parking assets and identify associated transit requirements.
- Provide recommendations for both near-term and long-term strategies that address the needs of vehicles, integrate and improve area transit, address traffic congestion with mitigation options, and increase functionality and safety for alternative modes including bicyclists, pedestrians, and scooters.
- Produce a comprehensive plan that summarizes mobility and logistical best practices to provide efficient and effective mobility, identify project priorities and estimate planning level costs appropriate for inclusion in future capital plans.

Project Data Sheet for Board of Trustees Approval

WMC Regional Ambulatory Facilities - Dublin

OSU-180636-1 (CNI#18000177, 19000140)

Project Location: Dublin, Ohio

- **approval requested and amount**

| | |
|-----------------------|---------|
| professional services | \$12.0M |
|-----------------------|---------|

- **project budget**

| | |
|------------------------------------|---------|
| professional services (through DD) | \$12.0M |
| construction w/contingency | TBD |
| <hr/> | |
| total project budget | TBD |

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

- **project schedule**

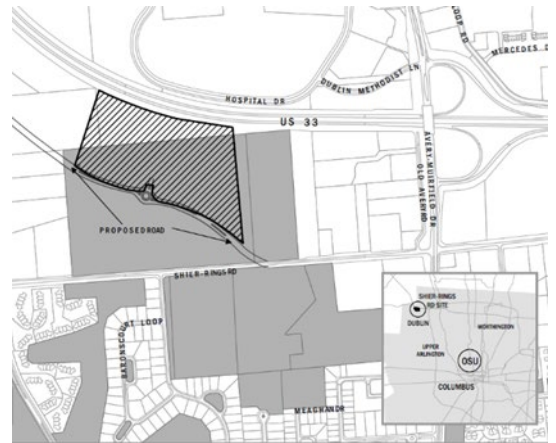
| | |
|------------------------------------|-------------|
| BoT professional services approval | 5/19 |
| design | 6/19 – 6/20 |
| construction | 7/20 – 6/22 |
| facility opening | 9/22 |

- **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 community-based ambulatory facilities
 - the FY 2019 Capital Investment Plan includes the \$4.0M professional services; the FY 2020 Capital Investment Plan includes \$8.0M for a total of \$12.0M for design services through Design Development

- **project scope**
 - the project will design an ambulatory building that will include ambulatory surgery, endoscopy, primary care, specialty medical and surgical clinics, and related support

- **approval requested**
 - approval is requested to enter into professional services contracts for design services through Design Development



-
- **project team**

University project manager: Holly Cloud
AE/design architect:
CMR:

Project Data Sheet for Board of Trustees Approval

Arts District

OSU-180285 (CNI# 17000142, 18000075)

Project Location: Arts district between 15th and 18th Avenues

- **approval requested and amount**
prof services/construction including OSEP scope \$146.6M

- **project budget**

| | |
|-----------------------------|-----------------|
| professional services | \$16.0M |
| construction w/contingency | \$144.0M |
| OSEP scope | \$1.6M |
| total project budget | \$161.6M |



- **project funding**
 - university debt
 - fundraising
 - university funds
 - OSEP funds
 - auxiliary funds
 - state funds

- **project schedule**

| | |
|------------------------------------|---------------|
| BoT professional services approval | 11/17 |
| BoT construction approval | 05/19 |
| design | 05/18 – 07/19 |
| construction | 06/19 – 08/21 |
| facility opening | 12/21 |

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

- **planning framework**
 - the project aligns with Framework 2.0 and the Strategic Plan by promoting teaching, learning and creative expression
 - this project is included in the FY 2018 and FY 2020 Capital Investment Plans

- **project scope**
 - the project will develop a new Arts District between 15th and 18th Avenues
 - the project envisions high-quality, modern learning environments for interaction across arts disciplines
 - included are new facilities for the School of Music and Department of Theatre, which will feature a home for the Moving Image Production program
 - the project will also include site amenities such as the road extensions and adjacent pedestrian spaces

- **approval requested**
 - approval is requested to increase professional services and enter into construction contracts including OSEP scope

-
- **project team**

| | |
|-----------------------------|----------------------------------|
| University project manager: | Nate Thomas |
| AE/design architect: | DLR Group/Westlake Reed Leskosky |
| CM at Risk: | Holder Construction Group LLC |

Project Data Sheet for Board of Trustees Approval

Morehouse Tower – 7th & 8th Floor Updates

OSU-190180 (CNI#18000154)

Project Location: Morehouse Medical Plaza - Tower

- **approval requested and amount**

| | |
|------------------------|--------|
| prof serv/construction | \$5.0M |
|------------------------|--------|

- **project budget**

| | |
|----------------------------|--------|
| professional services | \$0.7M |
| construction w/contingency | \$4.3M |
| <hr/> | |
| total project budget | \$5.0M |

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

- **project schedule**

| | |
|----------------|-------------|
| BoT approval | 5/19 |
| design/bidding | 6/19 – 6/20 |
| construction | 7/20 – 2/21 |



- **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 recently vacated 7th floor for the Gastrointestinal Cancer Center, which is currently on the 8th floor. The program will include patient exam rooms, procedure room and support spaces
 - the project will also renovate the 8th floor for future patient services
 - the scope includes HVAC updates, updates for ADA restroom compliance, and interior finish upgrades

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

-
- **project team**

| | |
|-----------------------------|----------------|
| University project manager: | Kevin Koesters |
| AE/design architect: | |

Project Data Sheet for Board of Trustees Approval

Taylor Tower – Main Entrance

OSU-180067 (CNI# 18000138, 19000134)

Project Location: Taylor Tower

- **approval requested and amount**
 - prof services/construction \$11.0M
- **project budget**
 - professional services \$1.0M
 - construction w/contingency \$10.0M

 - total project budget \$11.0M
- **project funding**
 - university debt
 - fundraising
 - university funds
 - auxiliary funds
 - state funds
- **project schedule**
 - BoT prof services/construction 5/19
 - design 5/19 – 1/20
 - construction 2/20 – 10/20
- **project delivery method**
 - general contracting
 - design/build
 - construction manager at risk
- **planning framework**
 - the project aligns with the Framework 2.0 and Strategic Plan by providing programmatic spaces to enhance student success
 - project scope and budget are based on programming completed in March 2019
 - this project is included in the FY 2019 and FY 2020 Capital Investment Plans
- **project scope**
 - this project will renovate the ground floor and 1st floor of Taylor Tower to provide accessibility and create student program spaces, staff offices, lounges and lobby areas
 - the project will create a visual connectivity between the two floors to promote student collaboration and socialization
- **approval requested**
 - approval is requested to enter into professional services contracts and construction contracts



- **project team**
 - University project manager: Karin Murillo-Kirlangitis
 - Study/Planning AE: The Collaborative, Inc.
 - General Contractor: TBD

Project Data Sheet for Board of Trustees Approval

VMC Community Practice Hospital & Learning Center

OSU-190900 (CNI# 19000093)

Project Location: Community Practice Hospital & Learning Center

- **approval requested and amount**
prof serv/construction \$17.5M

- **project budget**
professional services \$2.0M
construction w/contingency \$15.5M

total project budget \$17.5M

- **project funding**
 - university debt
 - fundraising
 - university funds
 - OSEP funds
 - auxiliary funds
 - state funds

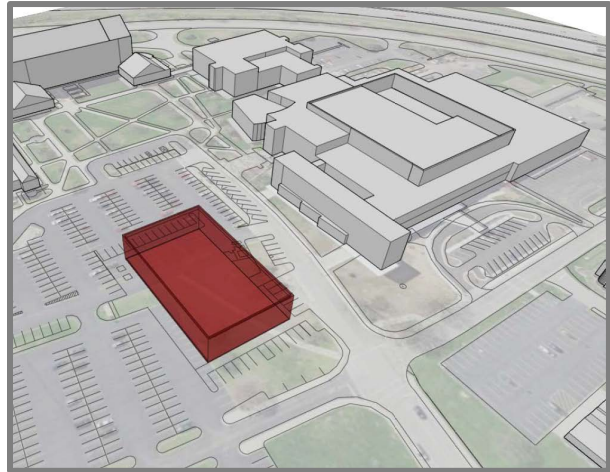
- **project schedule**
BoT approval 5/19
design 6/19 – 9/20
construction 5/20 – 5/21
facility opening 6/21

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

- **planning framework**
 - this project is included in the FY 2020 Capital Investment Plan

- **project scope**
 - the project will construct a 35,000 square foot freestanding community care veterinary clinic for primary care to enhance the clinical training of veterinary students and a learning center
 - the facility will include teaching and clinical spaces, offices, and support spaces

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



-
- **project team**
University project manager: Josh Kranyik
AE/design architect:
CM at Risk:

Project Data Sheet for Board of Trustees Approval

WMC Regional Ambulatory Facilities – Hamilton Road

OSU-180636 (CNI# 18000157, 19000139)

Project Location: Hamilton Road and SR 161

- **approval requested and amount**
prof serv/construction \$125.9M

- **project budget**
professional services \$20.1M
construction w/contingency \$117.8M

total project budget \$137.9M

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

- **project schedule**

| | |
|--|--------------|
| BoT professional services approval | 4/18 |
| design | 4/18 – 5/19 |
| BoT construction approval (site) | 8/18 |
| BoT construction approval (full project) | 5/19 |
| construction | 10/18 – 5/21 |
| facility opening | 7/21 |

- **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 community-based ambulatory facilities
 - the FY 2019 Capital Investment Plan includes the remainder of professional services and a portion of construction costs; the FY 2020 Capital Investment Plan includes the remainder of construction costs

- **project scope**
 - design and construct an approximately 244,000 square foot ambulatory building that will include ambulatory surgery, endoscopy, primary care, specialty medical and surgical clinics, and related support
 - the facility will be located at Hamilton Road and SR 161 in Columbus

- **approval requested**
 - approval is requested to increase professional services and construction contracts for the remainder of design and construction



-
- **project team**

| | |
|-----------------------------|---------------|
| University project manager: | Holly Cloud |
| AE/design architect: | DLR Group |
| CMR: | Daimler Group |

Project Data Sheet for Board of Trustees Approval

Newark – John & Mary Alford Ctr for Science and Technology

OSU-190050 (CNI# 12000648, 19000124)

Project Location: Newark Campus



- **approval requested and amount**

| | |
|----------------------------|---------|
| construction w/contingency | \$29.7M |
|----------------------------|---------|

- **project budget**

| | |
|----------------------------|---------|
| professional services | \$2.3M |
| construction w/contingency | \$29.7M |
| <hr/> | |
| total project budget | \$32.0M |

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

- **project schedule**

| | |
|---------------------------|---------------|
| BoT prof serv approval | 08/18 |
| BoT construction approval | 05/19 |
| design/bidding | 09/18 – 06/19 |
| construction | 07/19 – 12/20 |
| facility opening | 01/21 |

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

- **planning framework**
 - this project is included in the FY 2019 and FY 2020 Capital Investment Plans

- **project scope**
 - this project will construct a 60,000 square foot building for biological and physical sciences research and teaching labs, classrooms, collaborative learning and academic support space
 - shared instructional spaces will serve both The Ohio State University Newark and Central Ohio Technical College
 - project funding includes Central Ohio Technical College local funds

- **approval requested**
 - approval is requested to enter into construction contracts

-
- **project team**

| | |
|-----------------------------|-----------------------------|
| University project manager: | Brandon Shoop |
| AE/Design Architect: | Design Group/Perkins + Will |
| CM at Risk: | Smoot Construction Company |

Project Data Sheet for Board of Trustees Approval

Service Building Annex Renovation

OSU-180830 (CNI# 14000406)

Project Location: Service Building Annex

- **approval requested and amount**
increase construction w/contingency \$1.7M

- **project budget**
professional services \$1.1M
construction w/contingency \$7.6M

total project budget \$8.7M

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

- **project schedule**

| | |
|--------------------------------------|-------------|
| BoT approval | 6/18 |
| design | 6/18 – 6/19 |
| BoT approval – construction increase | 5/19 |
| construction | 7/19 – 8/20 |

- **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 Service Building to accommodate a combined Facilities Operations and Development and Transportation and Traffic Management bus and vehicle maintenance facility
 - infrastructure upgrades included in scope support university sustainability initiatives
 - the budget increase will address deferred maintenance and code compliance issues

- **approval requested**
 - approval is requested to increase construction contracts



-
- **project team**

| | |
|-----------------------------|-------------|
| University project manager: | Al Stazzone |
| AE/design architect: | Moody Nolan |
| CM at Risk: | Elford |

Project Data Sheet for Board of Trustees Approval

Ty Tucker Tennis Center

OSU-190076 (CNI# 18000038)

Project Location: Athletics District

- **approval requested and amount**
construction w/contingency \$20.9M

- **project budget**
professional services \$1.9M
construction w/contingency \$20.9M

total project budget \$22.8M



- **project funding**
 - university debt
 - fundraising
 - university funds
 - OSEP funds
 - auxiliary funds
 - state funds

- **project schedule**
BoT prof serv approval 8/18
BoT construction approval 5/19
design 9/18 – 11/19
construction 11/19 - 12/20
facility opening 01/21

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

- **planning framework**
 - the FY 2019 Capital Investment Plan includes \$21.9M for the project: the Capital Investment Plan will be amended to include an additional \$0.9M
 -
 - this project is consistent with Framework 2.0 and the Athletics District Framework Plan

- **project scope**
 - this project will construct a new 68,000 square foot indoor tennis facility to be located in the Athletic District adjacent to the existing outdoor tennis facility
 - the project includes 6 courts, 450 spectator seats, men/women varsity locker rooms, athletic training room and offices

- **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: Gary Collier
Architect/Engineer: Moody Nolan Inc
CM at Risk: Barton Malow Co

Project Data Sheet for Board of Trustees Approval

WMC West Campus Ambulatory Facilities

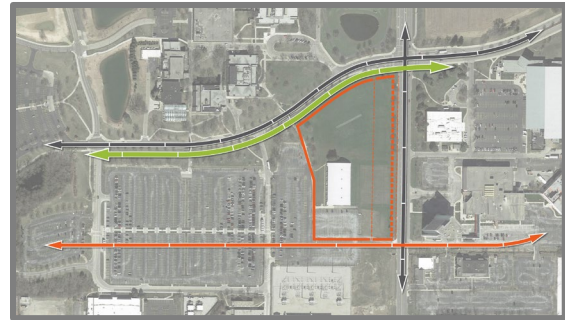
OSU-180390 (CNI# 18000175)

Project Location: Kenny Road and Carmack Road

- **approval requested and amount**
construction w/contingency \$6.6M

- **project budget**
professional services (through DD) \$23.0M
construction – enabling projects \$6.6M
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 – 8/20
BoT construction approval – enabling projects 5/19
construction 9/20 – 12/22
facility opening – proton 2022
facility opening – ambulatory 2023

- **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 high-value care with an unparalleled patient experience
 - this project was included in the FY 2019 Capital Investment Plan for design; the enabling projects are included in the FY 2020 Capital Investment Plan
 - total project cost will be validated during design

- **project scope**
 - the project will 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 enter into construction contracts to construct a parking lot on Kinnear Road and for initial proton equipment procurement

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

APPROVAL OF THE SALE OF REAL PROPERTY

SHIER RINGS ROAD
DUBLIN, FRANKLIN COUNTY, OHIO

Synopsis: Authorization is requested to sell +/- 20.887 acres of real property located at Shier Rings Road, Dublin, Franklin County, Ohio.

WHEREAS the property, Parcel ID 273-000297, is located at the intersection of Shier Rings Road and Wilcox Road in Dublin, Ohio; and

WHEREAS the property is not needed for university purposes and the Office of Financial Services is seeking authorization to sell the property; and

WHEREAS it has been recommended by the Office of Planning and Real Estate, in coordination with the Office of Financial Services, that the university sell the property; and

WHEREAS proceeds from the sale will benefit the university to the credit of the university operating funds:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees hereby approves the sale of real property as detailed above and in the attached documents; and

BE IT FURTHER RESOLVED, That the President and/or Senior Vice President and CFO for Business and Finance are authorized to take any action required to effect the sale of the property and to negotiate a purchase contract containing terms and conditions deemed to be in the best interest of the university.

**APPROVAL FOR SALE OF REAL PROPERTY
SHIER RINGS ROAD
DUBLIN, FRANKLIN COUNTY, OHIO
BOARD BACKGROUND**

Background

The Ohio State University seeks to sell approximately +/- 20.887 acres of unimproved land located in Dublin, Ohio, Parcel ID 273-000297, to AEP Ohio Transmission Company, Inc. (AEP). AEP intends to use the property for its new transmission line to upgrade two existing substations as part of the Dublin West Innovation District Improvements.

Location and Description

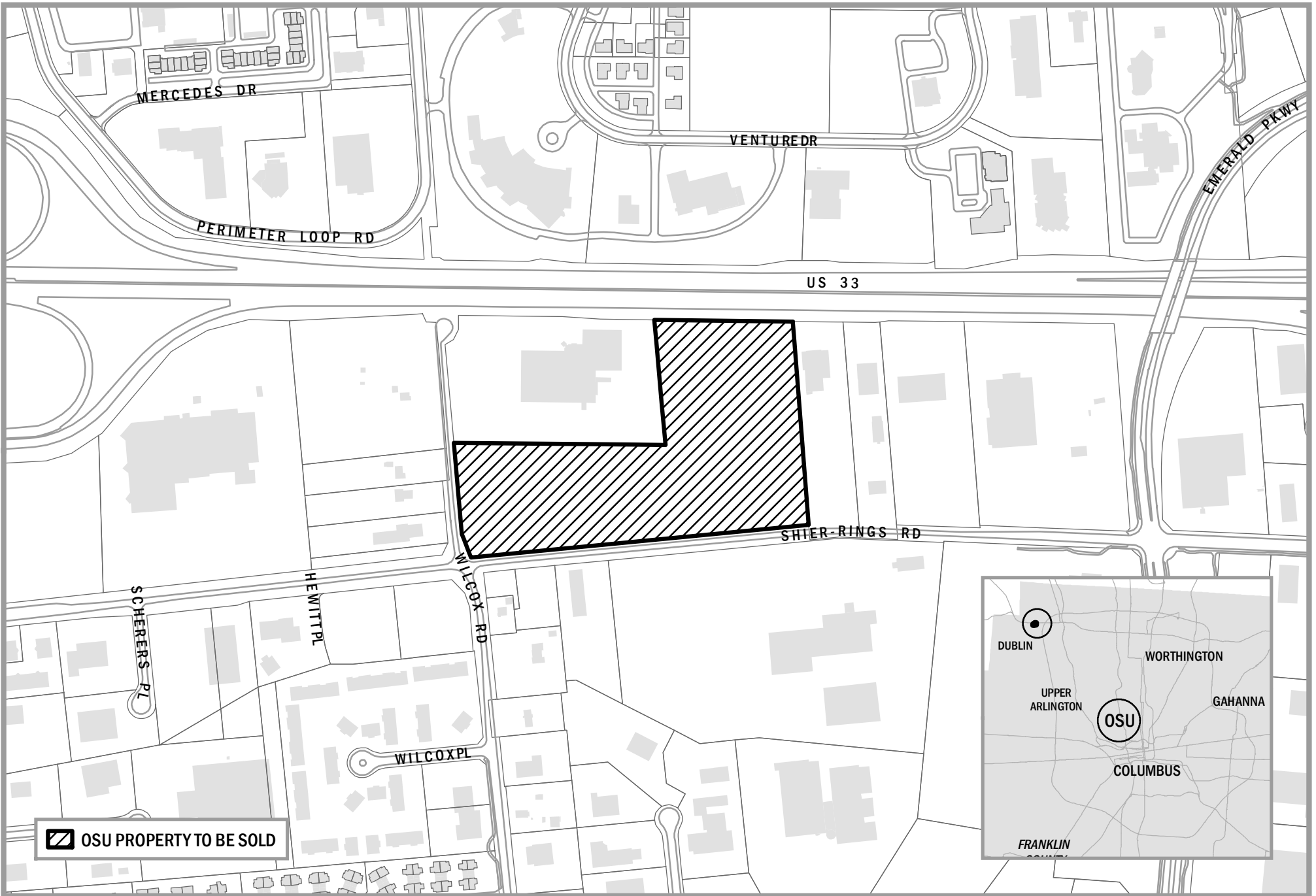
The property is located at the northeast corner of Shier Rings Road and Wilcox Road in Dublin, Ohio. The property is undeveloped, largely wooded, and approximately 5 acres are tillable. The property is located in a Technology Flex zoning district.

Property History

The property is titled in the name of the Board of Trustees and was donated to the university in 1978. The donation included another property on Eiterman Road, Dublin, Ohio, which was sold by the university in 2012. The land is not needed for university purposes and is available for disposition.

Sale of Property

Planning and Real Estate, together with the Office of Financial Services, recommend that the property be sold under terms and conditions that are deemed to be in the best interest of the university. AEP is responsible for all due diligence required for their purchase of the property as well as any potential costs associated with making the property available for its use. Sale proceeds will benefit the university to the credit of the university operating funds.



 OSU PROPERTY TO BE SOLD

**SALE OF 20.887 ACRES OF REAL PROPERTY
 SHIER-RINGS ROAD
 DUBLIN, FRANKLIN COUNTY, OHIO 43016
 PARCEL ID #273-000297**