

USG CAMPUS MASTER PLAN UPDATE 2019



The Universities AT SHADY GROVE

Presented By:

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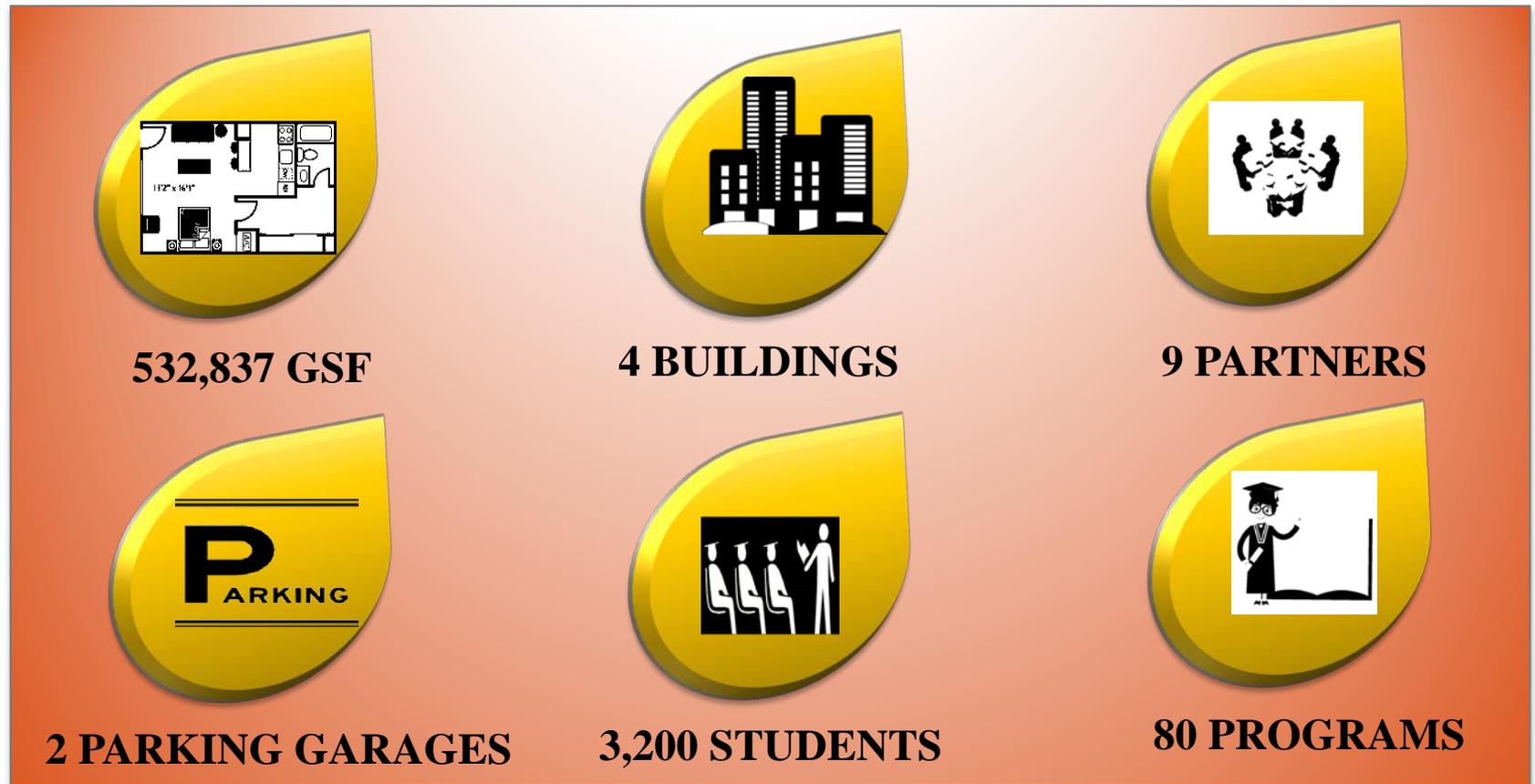
December 12, 2019

USG CAMPUS OVERVIEW



USG CAMPUS MASTER PLAN UPDATE

USG BY THE NUMBERS



USG CAMPUS MASTER PLAN UPDATE

ESSENTIAL ELEMENTS

- CAMPUS HIGHLIGHTS
- CAPITAL PROJECT COMPLETION
- CONTINUING SUSTAINABILITY EFFORTS
- SPACE RENOVATION TO SUPPORT ACADEMIC PROGRAM EXPANSION
- CAMPUS FACILITIES RENEWAL PLANNING



USG CAMPUS UPDATES/HIGHLIGHTS

PARKING GARAGE #2 - SHADY GROVE GARAGE



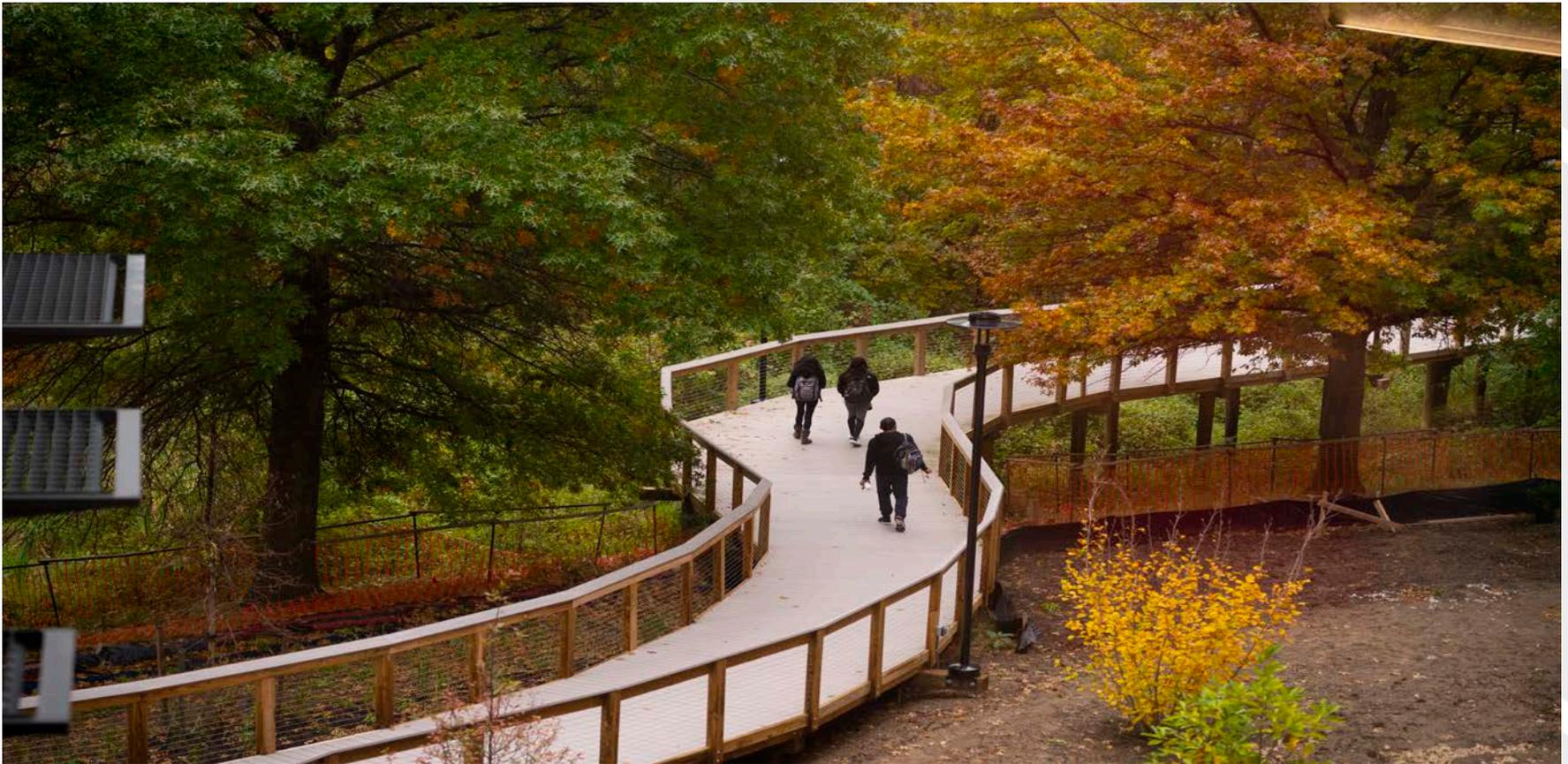
USG CAMPUS UPDATES/HIGHLIGHTS

CAMPUS ENTRANCE



USG CAMPUS UPDATES/HIGHLIGHTS

PEDESTRIAN BOARDWALK



USG CAMPUS UPDATES/HIGHLIGHTS

BIOMEDICAL SCIENCES AND ENGINEERING (BSE) FACILITY



USG CAMPUS SUSTAINABILITY

USG SUSTAINABILITY ACHIEVEMENTS



- ❖ **Parking Garage #2 - Green Garage Certification (2017)**
- ❖ **BSE – LEED Platinum Certification (2019)**



PLATINUM

USG CAMPUS SUSTAINABILITY

INSTALLATION PV SOLAR PANELS – PARKING GARAGE #1



USG CAMPUS PLANNING

USG CAMPUS OPPORTUNITIES AND CHALLENGES

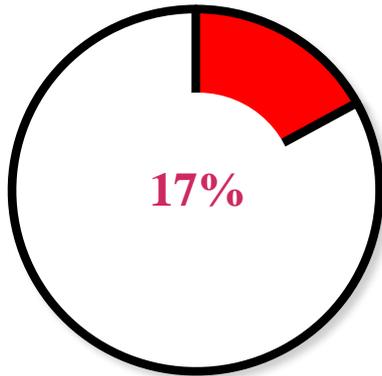
OPPORTUNITIES

- UMB Nursing Program Expansion
- UMES Construction Management Program Expansion

CHALLENGES

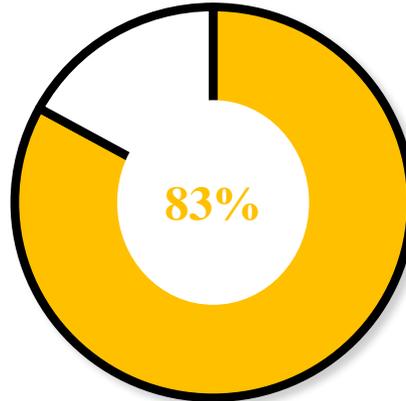
- **USG Facilities Renewal (BLDG I, II, and III) - \$10.7M**
- **Parking Garage #1 Debt - \$10M**
- **Curtain Wall Building I - \$1.5M**

USG FACILITIES RENEWAL - ASSESSMENT



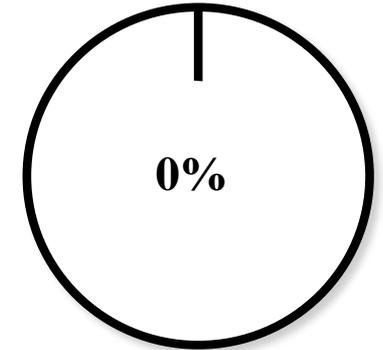
High Risk

- ❖ Buildings 25 to 50 Years
- ❖ Major envelope and mechanical life cycles come due.
- ❖ Higher Risk



Medium Risk

- ❖ Buildings 10 to 25 Years
- ❖ Short life-cycle needs; primarily space renewal.
- ❖ Medium Risk



Highest Risk

- ❖ Buildings Over 50 Years
- ❖ Life cycles of major building components are past due.
- ❖ Highest Risk



USG FACILITIES RENEWAL – NEEDS

\$10.7M

Total USG Building Needs

Building I - \$3.4M
Building II - \$3.7M
Building III - \$3.6M

Needs By Building

1-3 Years (2019-2021)

4-7 Years (2022-2025)

8-10 Years (2026-2029)

Needs By Time Frame

Highest Risk Needs

- **Mechanical**
- **Safety/Code**
- **Electrical**
- **Heating**
- **HVAC**
- **Cooling**
- **Building**

Medium/Low Risk Needs

- **Exterior Shell**
- **Plumbing**
- **Interior Shell**

20% \$2.1M

38% \$4.1M

42% \$4.5M

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Questions & Answers



THANK YOU!!!