Ball State University
A Dynamic Place
“Yesterday-Today-Tomorrow”

DBIA-GLR
March 17, 2016
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Ball State University
1899

Opened and closed multiple times between 1899 and 1918
Ball Brothers
George, Lucius, Frank, Edmund, William

Reopened the college in 1918
Ball State Late 1920
Ball State Circa 1950

Student enrollment above 5,000

Athletic Fields

Fine Arts

Applied Technology

Barracks
Ball State Circa 1960

Student enrollment above 12,000

LaFollette

Teachers College

Irving Gym

Emene

Noyer Hall

Woodworth Hall

DeHority Hall
Ball State University

- 7.2 M Square Feet
- $2.3 Billion
- 47 major buildings
- 1,140 Acres
- 21,000 Students

2005 - 2011
Ron and Joan Venderly Football Center

April, 2016
Ball State’s Ground Source Heat Pump Geothermal System

Borehole Field (1,000 miles)

Complete

Complete

Almost done!!

8 more buildings

Campus Building

Campus Building

Chilled Water (Existing)

Hot Water (10 miles)
Ball State’s Geothermal System Benefits

Reduction in Emissions

- Carbon Dioxide: 75,000 tons
- Sulfur Dioxide: 1,400 tons
- Nitrogen Oxide: 240 tons
- Particulate Matter: 200 tons
- Carbon Monoxide: 80 tons
- Coal ash: 3,600 tons

Other Benefits

- BTUs per year reduction: 500,000,000,000
- BTUs/SF/Year reduction: 175,000 to 105,000 (FY 14/15: 120,179)
- Water reduction: 45,000,000 gallons
- Dollars Saved: $2,200,000
Basketball & Volleyball Practice Facility - start 2017
Emens Lobby Expansion

Start June, 2016

Celebrating 50 Years
Ball State University

Health Professions, and Cooper Science Complex

Capital Request 2017-2019

Start construction early 2017

Health Professions "a potential location"

2017-2019
Architecture Building

Capital Request
Mid-Term
Construction/Renovations/Improvements
2005 to 2016
“$440 Million”

- McKinley/Neely/Riverside Avenues
- David Letterman Building
- Park Hall
- Woodworth Dinning
- DeHority Hall
- Thomas J. Kinghorn Hall
- Jo Ann Gora: Student Recreation and Wellness
- Student Center
- Ball Honors House
- Scheumann Stadium
- Applied Technology
- Softball/Baseball/Briner
- Marilyn K. Glick Center for Glass
- Dr. Joe and Alice Rinard Green House
- North Quad
- Studebaker East
- Teachers College
- Museum of Art
- Johnson East
- Johnson West
- Charlie Brown Planetarium
- Applied Technology
- Geothermal Conversion
- Football Complex
Ball State University

Establishes a long-range vision
Identifies opportunities, flexible
Aligns academic plans with physical changes
Should be updated every 5 to 10 years

Ball State University
COMPREHENSIVE ANALYSIS

- Campus Evolution
- Campus Structure
- Campus Land Use
- Building Use
- Campus Character
- Open Space
- Building Age / Style / Materiality
- Pedestrian Circulation
- Bicycle Circulation
- Transit
- Vehicular Circulation
- Parking
- Community Connections
- Energy and Water Use
Reinforce Functional Relationships

- Core Academic Neighborhoods
- Living + Learning Neighborhoods
- Open Space Connectors

Campus Ecosystem

- University Green
- Old Quad Academic Commons
- Academic Commons
- East Quad Academic Commons
Connect Campus Open Spaces

- Existing arrangement fragmented—dots are not connected
- Develop corridors
- Encourage social interaction

QUADRANGLES
FRONT LAWNS
COURTYARDS
CAMPUS MALLS
NATURAL AREAS
RECREATION
ATHLETICS
* PRIMARY
■ UNDEFINED SPACES
Improve Pedestrian, Bike, Vehicle Circulation

- Align paths with community connections
- Make it easier for bikers and pedestrians
- Reduce conflicts
- Calm traffic flow
Near-Term Opportunities

PROJECTS:
1.1 *Worthen practice facility*
1.2 Applied Technology renovation (12/2015)
1.3 New Academic Building
1.4 *New Academic Building(s)*
1.5 College of Architecture & Planning Renovation
1.6 *Emens improvements*
1.7 Unified Media Lab phase 2 (12/2014)
1.8 West Quad 3rd and 4th floor remodel (07/2014)
1.9 Potential Mixed Use Facility
1.10 Ball Diamond improvements (09/2015)
1.11 Football Team Complex (April, 2016)
1.12 *East Mall improvements phase I*
1.13 Dedicated multi-modal + bicycle path on Cow Path
1.14 Multi-modal bicycle connection north to athletics
1.15 Johnson B renovation (April, 2017)
1.16 New residence hall
1.17 Johnson A renovation (05/2015)
1.18 New residence hall
Mid-Term Opportunities

PROJECTS:
2.1 Academic commons on University Green
2.2 Academic commons on Old Quad
2.3 East Mall site improvements phase II
2.4 University Green site improvements
2.5 Library renovations
2.6 Renovations and backfill of space migrated to Health Professions
2.7 Village Residence Hall
2.8 Consolidated recreation at Anthony
2.9 Aquatics renovation/replacement
2.10 Old Quad landscape improvements
2.11 Renovation and addition to University Theater
2.13 Fieldhouse
2.14 Emens parking garage replacement
2.15 Village Apartments
Long-Term Opportunities

PROJECTS:
3.1 Noyer renovation/replacement
3.2 Woodworth renovation
3.3 Studebaker West renovation
3.4 Bethel recreation fields
3.5 Worthen renovation
3.6 New Apartments (options)
Master Plan Vision

1. Develop Academic East Quad
2. Establish New East Mall
3. Activate University Green
4. Preserve and Enhance the Old Quad
5. Engage the Village
6. Enhance North Residential
7. Consolidate Recreation
8. Enhance Athletics
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