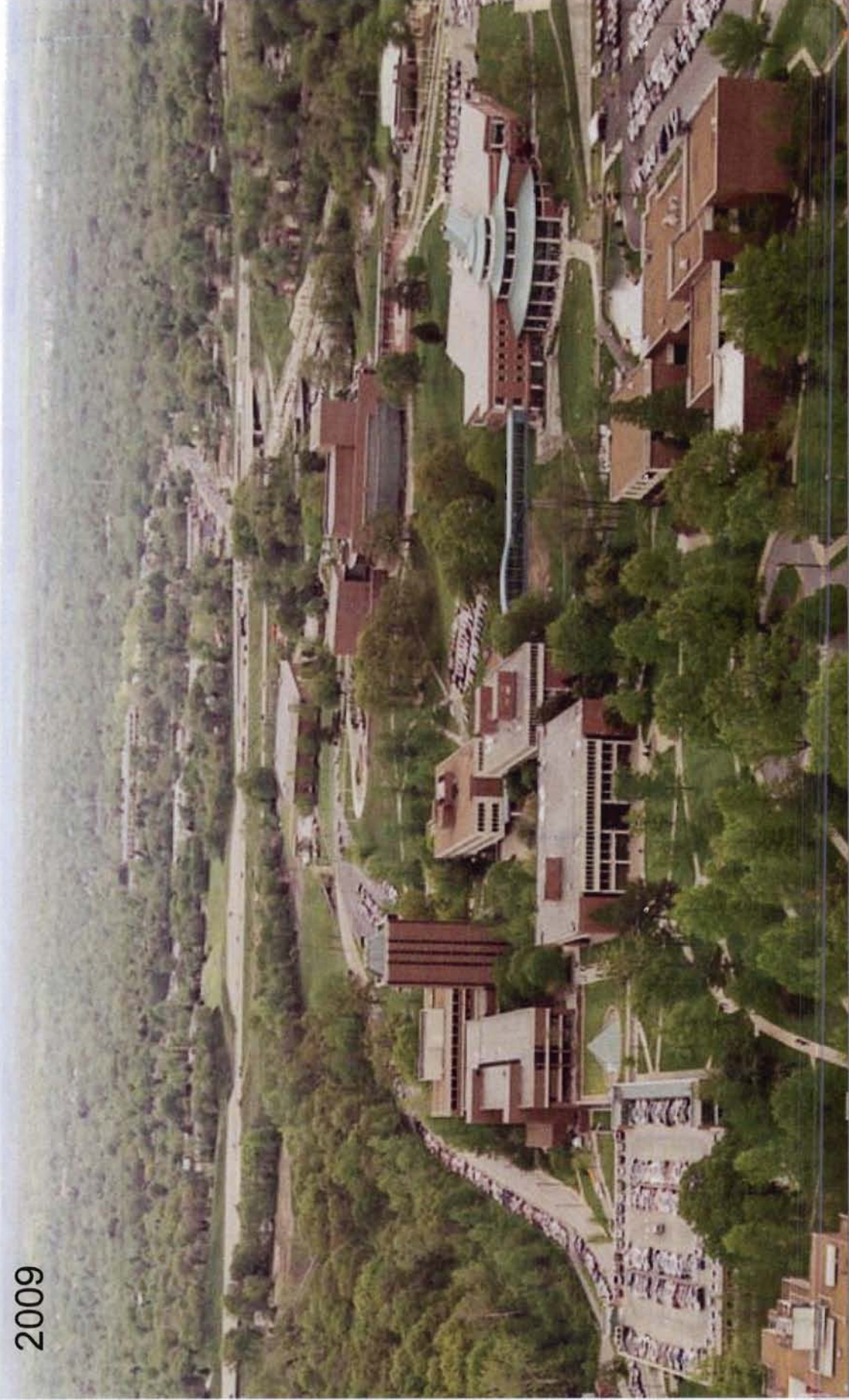


# UNIVERSITY of MISSOURI-ST. LOUIS

Master Plan Update

2009



CAMPUS MASTER PLAN

S A S A K I



# Contents

- Strategic Plan
- Master Plan Goals
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- Parking
- Housing Strategy
- Campus Space
- Land Use Strategy
- Sustainability
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- Summary





# Strategic Plan - Gateway for Greatness:

## Five Goals

- Enhance the quality and delivery of undergraduate, graduate, and professional education.
- Recruit and retain an outstanding and diverse undergraduate, graduate, and professional student body.
- Build the quality of research, scholarship, and artistic/creative activity.
- Enhance civic engagement for economic and social benefit of the region.
- Increase financial base and improve stewardship of resources.

20 strategic priorities

11 supporting initiatives

100+ measures track achievement of strategic priorities/initiatives



Millennium Student Center (1999)

# Master Plan to Support Strategic Plan: *Gateway for Greatness*

- Enhance the physical, academic, and student life environments on campus to support the Gateway for Greatness plan including the campus vision and mission.
- Identify strategies and a physical framework for the campus that optimize the opportunities to recruit and retain an outstanding and diverse undergraduate, graduate and professional student body.
- Establish a flexible planning framework that can adapt and enhance the quality or research, scholarship, and artistic/creative activity on the campus.
- Create a campus with facilities that promote economic development and civic engagement for economic and social benefit of the region.



Millennium Student Center (1999)



Touhill Center for Performing Arts (2003)



Provincial House (1916)



# Master Plan Update: Recommendations

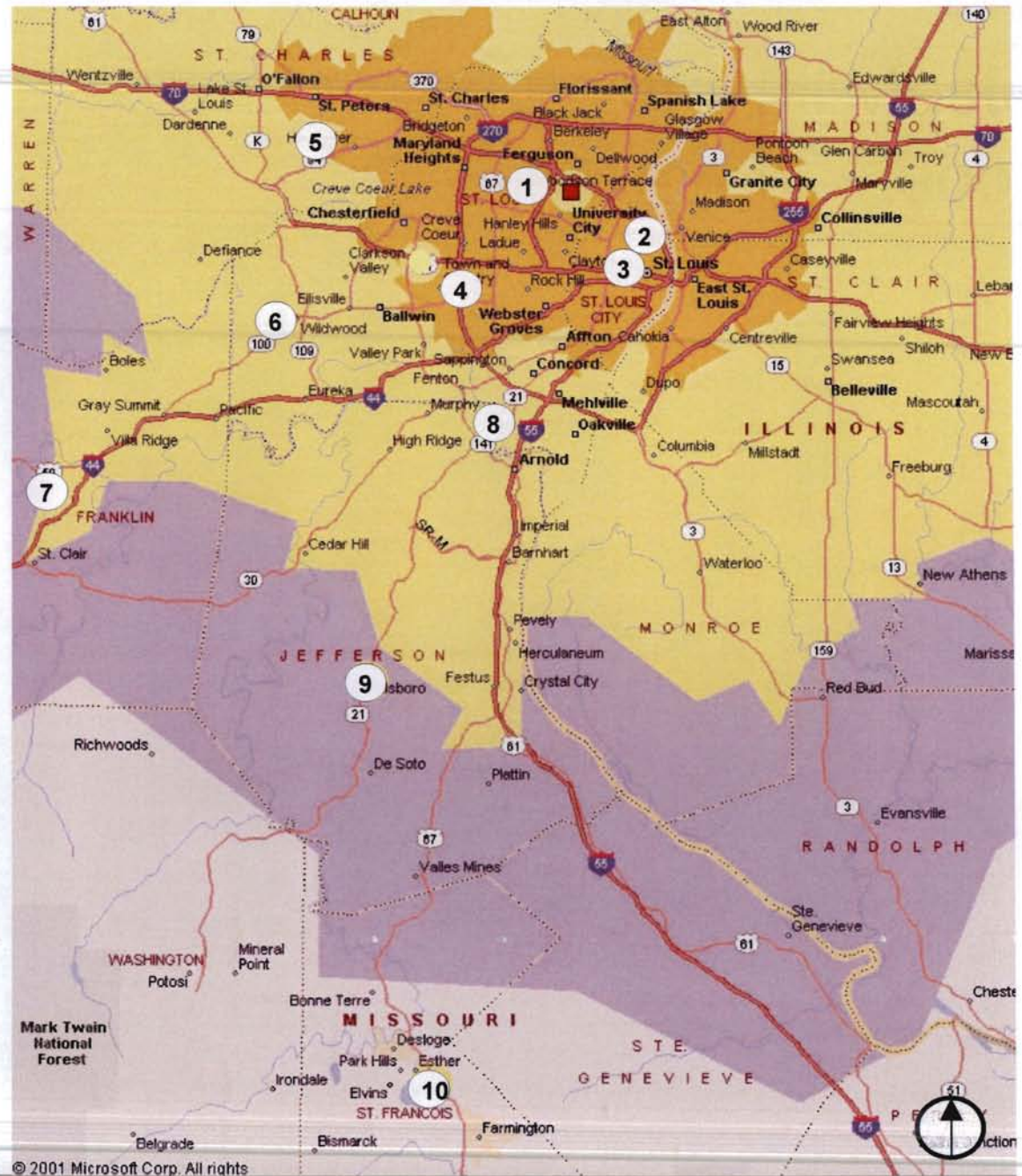
- Reinforce the central valley (Wayne Goode Greenway) as a continuous open space that connects north and south campuses
- Define campus districts by predominant uses
- Facilitate movement between districts along landscaped pedestrian walkways
- Maintain vehicular routes along the periphery of the campus
- Preserve the pedestrian nature of the campus core





# Campus Locations (beyond main campus): Regional Continuing Education and Outreach Facilities

1. UMSL IT Enterprises
2. UMSL at Grand Center
3. Center for Emerging Technologies
4. West County Continuing Education Center
5. St. Charles Community College
6. Community College at Wildwood
7. East Central College
8. South County Education and University Center
9. Jefferson College
10. Mineral Area College





# Campus Planning Districts

The districts provide direction on land uses, building placement, site organization, and place making



Express Scripts (2007)



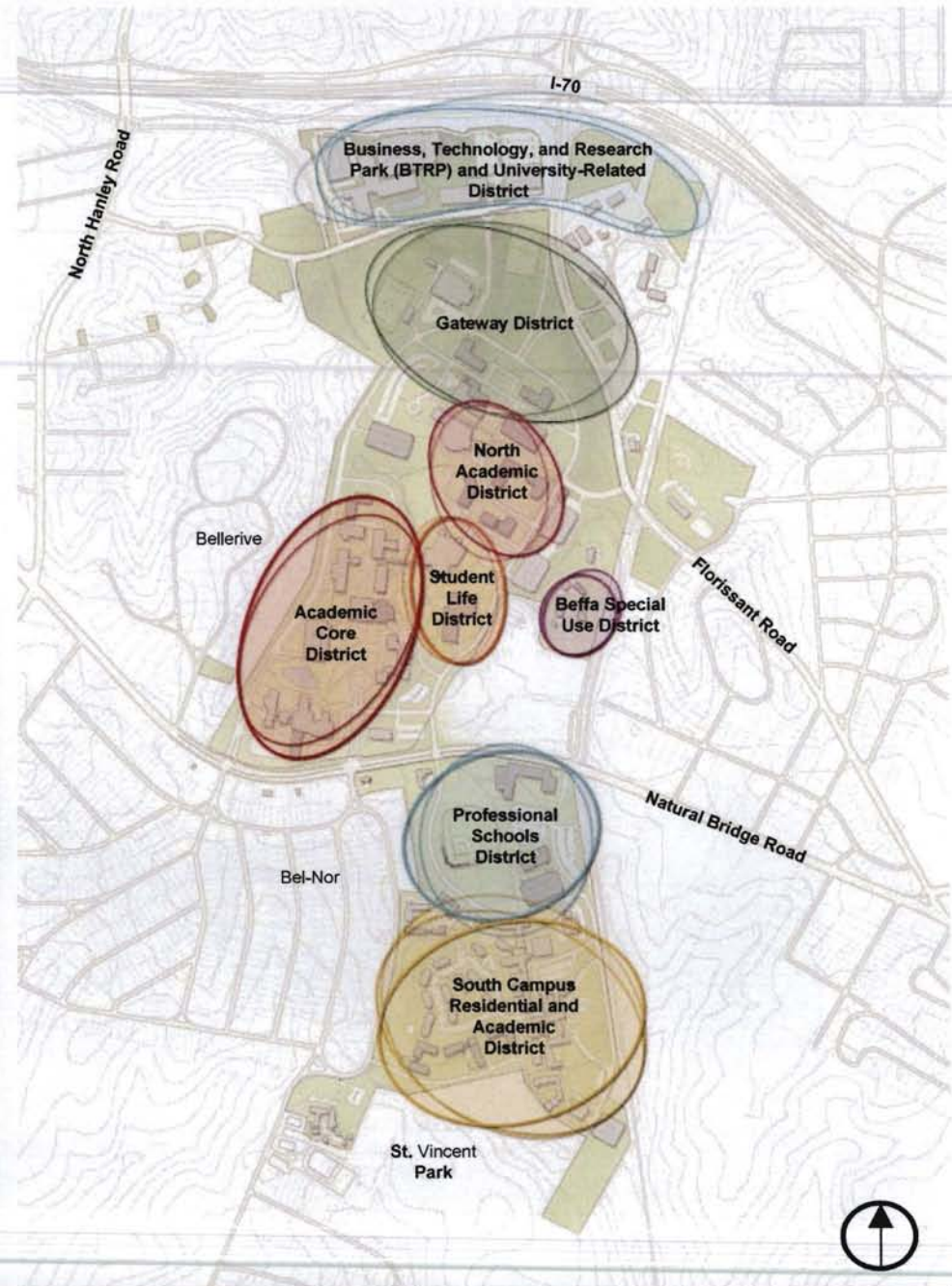
Millennium Student Center (1999)



Marillac Hall (1958)



Meadows (1996)





# Major Capital Projects

1. Benton Stadler Phase A: Addition and Renovation (2010)	\$28,500,000
2. Benton Stadler Phases B & C: Renovation (2012)	\$24,253,000
3. New Optometry and Nursing Complex (2011)	\$78,872,000
4. New College of Business Administration (2012)	\$32,354,000
5. New Wellness Center (TBD)	\$28,267,000
6. Campus Development - Campus Wide Infrastructure/ADA (2011)	\$42,114,000
7. Athletics Fields (TBD)	\$ 6,786,000
8. West Drive Garage & Plaza (2013)	\$13,047,000
9. JC Penney/Student Center Renovation (2013)	\$20,930,000
10. Thomas Jefferson / Mercantile Library Addition (2013)	\$24,744,000
11. Research Building Renovation (2015)	\$28,278,000
12. College of Fine Arts and Communication Phase 1: GSB Renovation (2014)	\$14,434,000
Phase 2: New Construction (2015)	\$33,062,000
13. College of Education (2016)	\$39,256,000
14. Social Sciences and Business Building Renovation (2016)	\$27,318,000
15. Campus Development (2017) - Property Acquisition	\$ 8,248,000





# Science Complex



Master Plan Vision

Proposed Buildings Existing Buildings

- Creates an integrated Science Complex
- Introduces state of the art classrooms, teaching labs, research labs and study spaces
- Site Benefits:
  - Complements existing uses
  - Defines University presence along Natural Bridge Road



Proposed Benton-Stadler Addition (HOK)



# College of Optometry / College of Nursing



Master Plan Vision

Proposed Buildings Existing Buildings

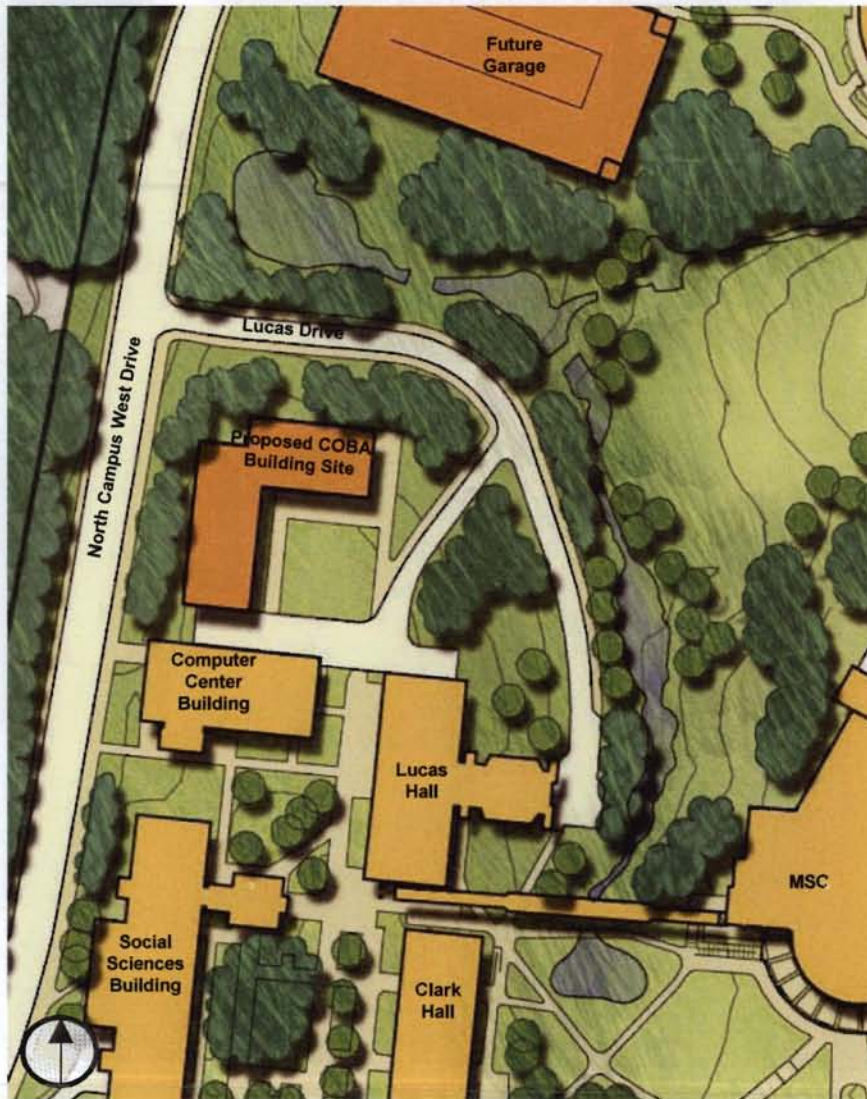
- Proposed Program:
  - 210,000 gsf Phase I building, with 35,000 gsf future expansion
  - 200 parking spaces at minimum
- Site Benefits:
  - Improves visibility and campus image
  - Provides access to public transportation
  - Minimizes impact of construction on campus



Proposed Optometry and Nursing Complex (Christner)



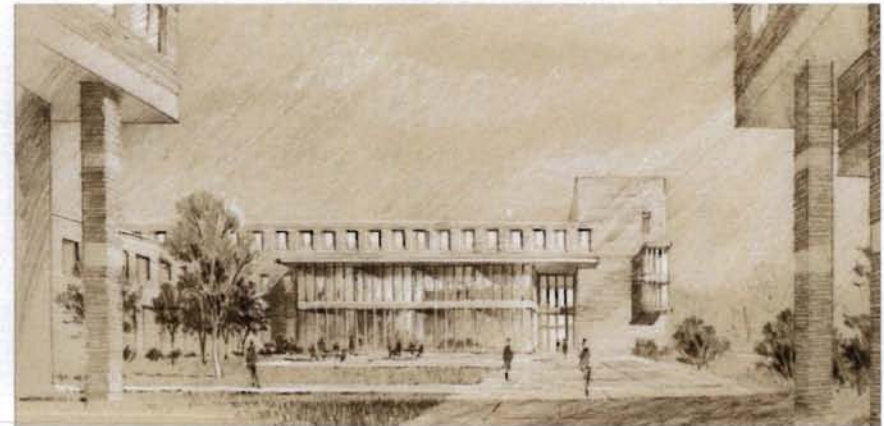
# College of Business Administration



Master Plan Vision

Proposed Buildings Existing Buildings

- Consolidates Business functions in a 120,000 gsf building
- Site Benefits:
  - Sites College of Business Administration building adjacent to the existing academic core
  - Builds upon existing adjacencies and synergies
  - Provides convenient access to future garage



Proposed College of Business Building (Robert Stern Architects)



# Wellness Center

Option 1



Option 2



Master Plan Vision Proposed Buildings Existing Buildings

Two options for 90,000 – 120,000 gsf program:

## Option 1:

- Creates synergy with the MSC
- Defines the campus valley open space
- Negotiates grade transition
- Takes advantage of existing topography and retaining wall to minimize construction costs
- Proximate to existing garages

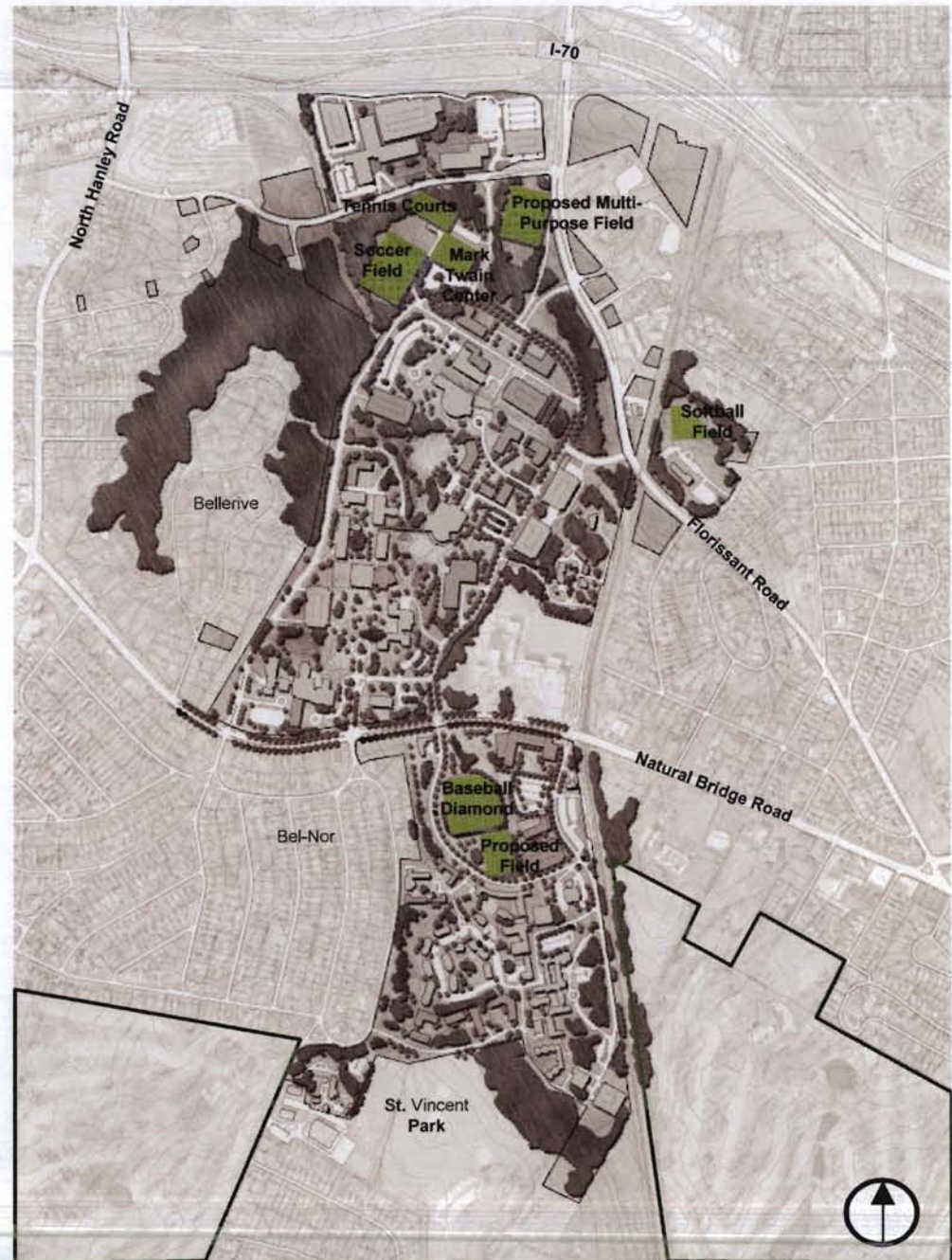
## Option 2:

- Accessible to the residential population
- Proximate to the South Campus Metro station and future garage
- Creates synergies and support with adjacent fields
- Locates Wellness Center in Professional Schools District



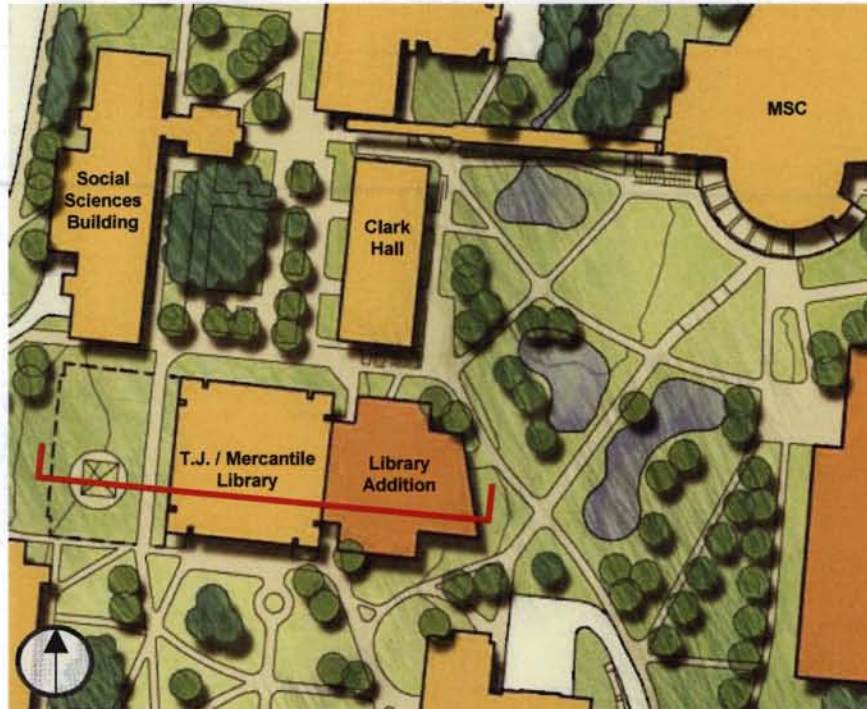
# Athletics and Recreation

- Mark Twain Center and tennis courts to remain for athletics use
- Reserves soccer field for athletics events
- Multi-purpose field located near the campus entrance. Potential site for other University uses
- Introduces new recreation field south of the baseball diamond on the South Campus





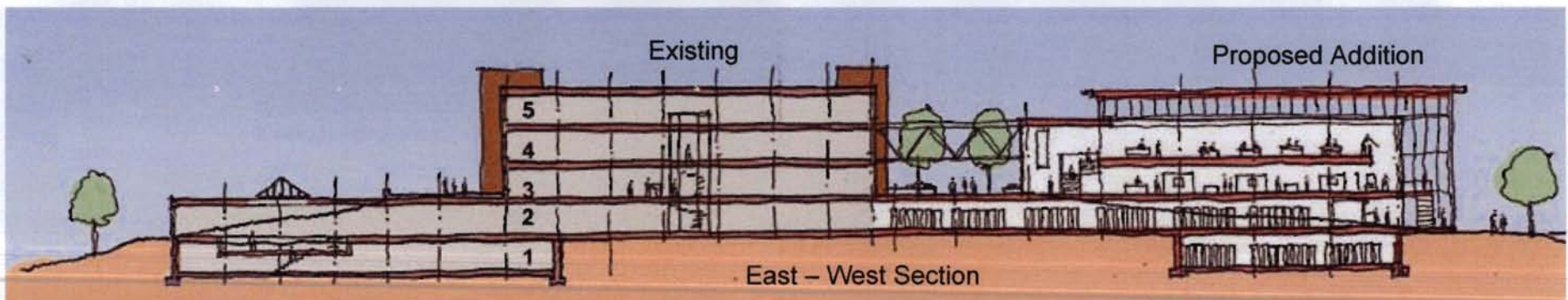
# Thomas Jefferson / Mercantile Library Expansion



Master Plan Vision

Proposed Buildings Existing Buildings

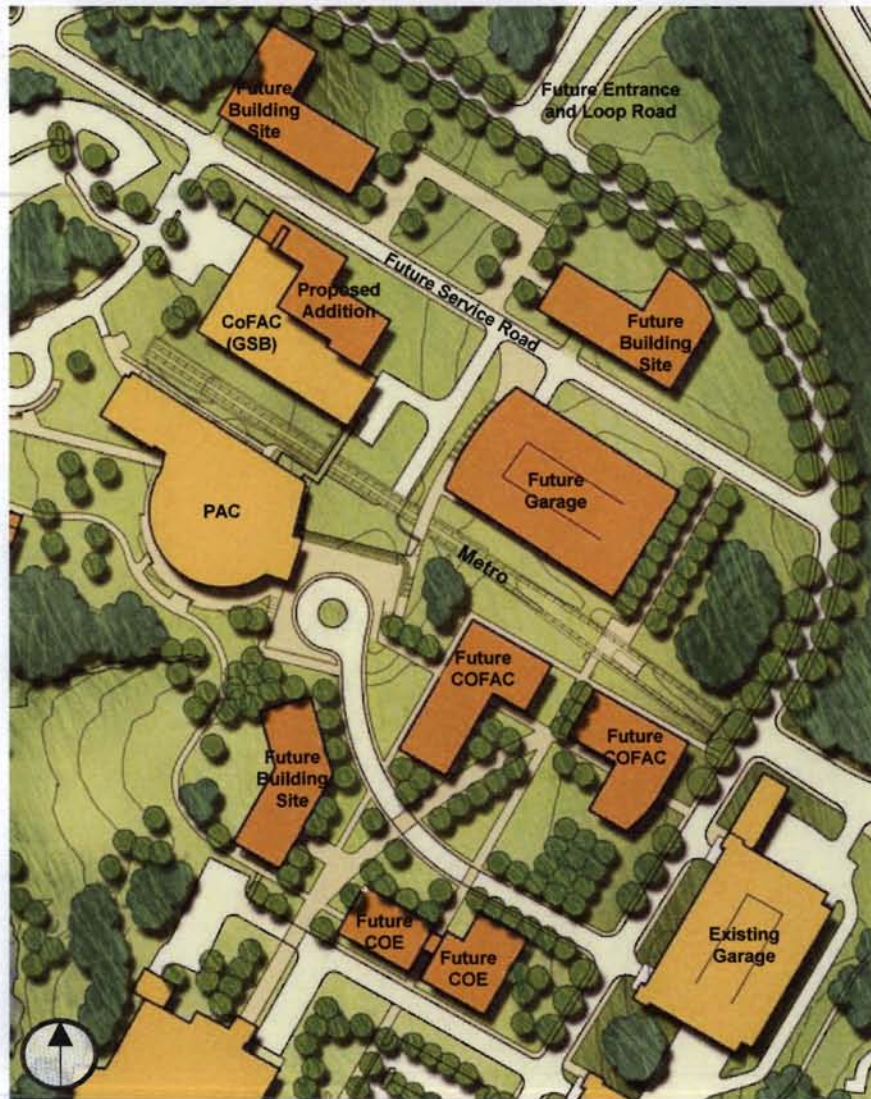
- Provides 80,000 gsf addition to house the Mercantile Library
- Site Benefits:
  - Complements existing uses in academic core
  - Proximate to heart of student life functions
  - Defines edge of Student Life District
  - Provides views of central valley



East - West Section



# College of Fine Arts and Communication



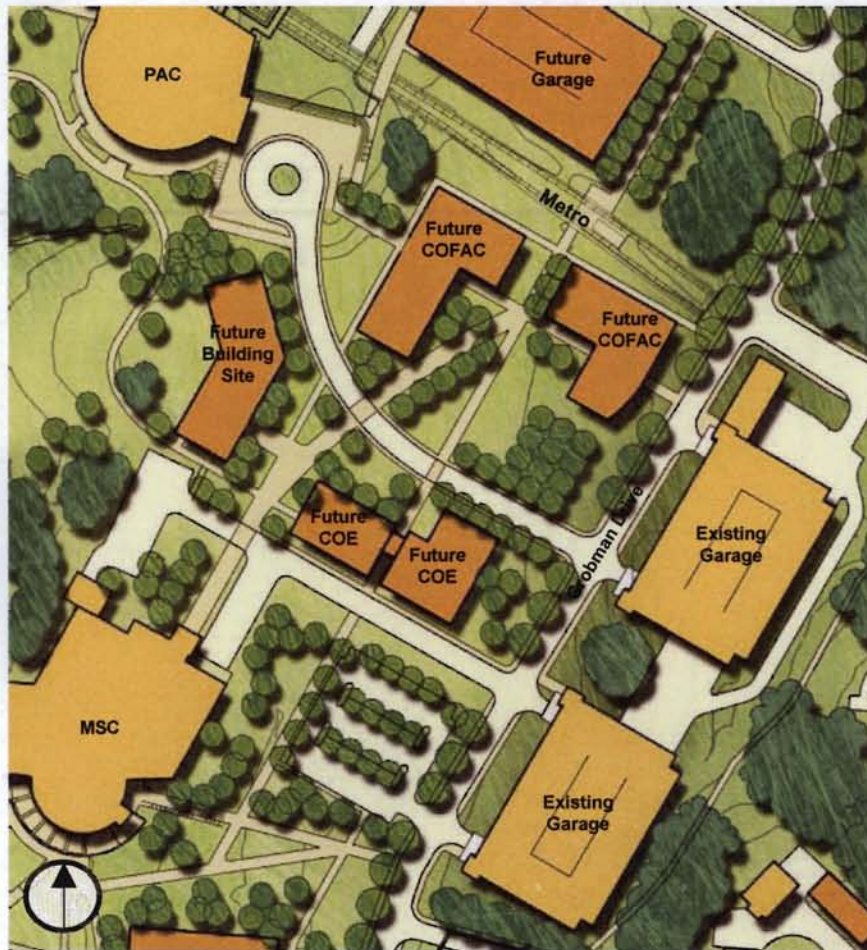
Master Plan Vision

Proposed Buildings Existing Buildings

- Accommodates Phase I Renovation / Expansion of GSB
- Accommodates Phase II of New Construction
- Site Benefits:
  - Consolidates College of Fine Arts and Communication facilities within North Academic District
  - Anchored by the Touhill Performing Arts Center (PAC)
  - Proximate to public transportation



# College of Education



Master Plan Vision

Proposed Buildings Existing Buildings

- Consolidates the College of Education functions in a single location in the North Academic District
- In the short-term, Education continues to occupy space on South Campus
- Location of the college in the North Academic District enhances synergies between Education and other uses on North Campus



# Natural Bridge Road Renovation: Great Streets - A Community Partnership

## Vision -

Create a pedestrian, bike-friendly promenade from I-170 to Lucas & Hunt, promoting economic development of a campus town at the Wedge

Project of East-West Gateway Council of Governments  
(St. Louis' Metropolitan Planning Organization Partners)

- UMSL
- City of Normandy
- North County, Inc.

Total Projected Cost \$16 - \$18 million funded from multiple transportation budgets

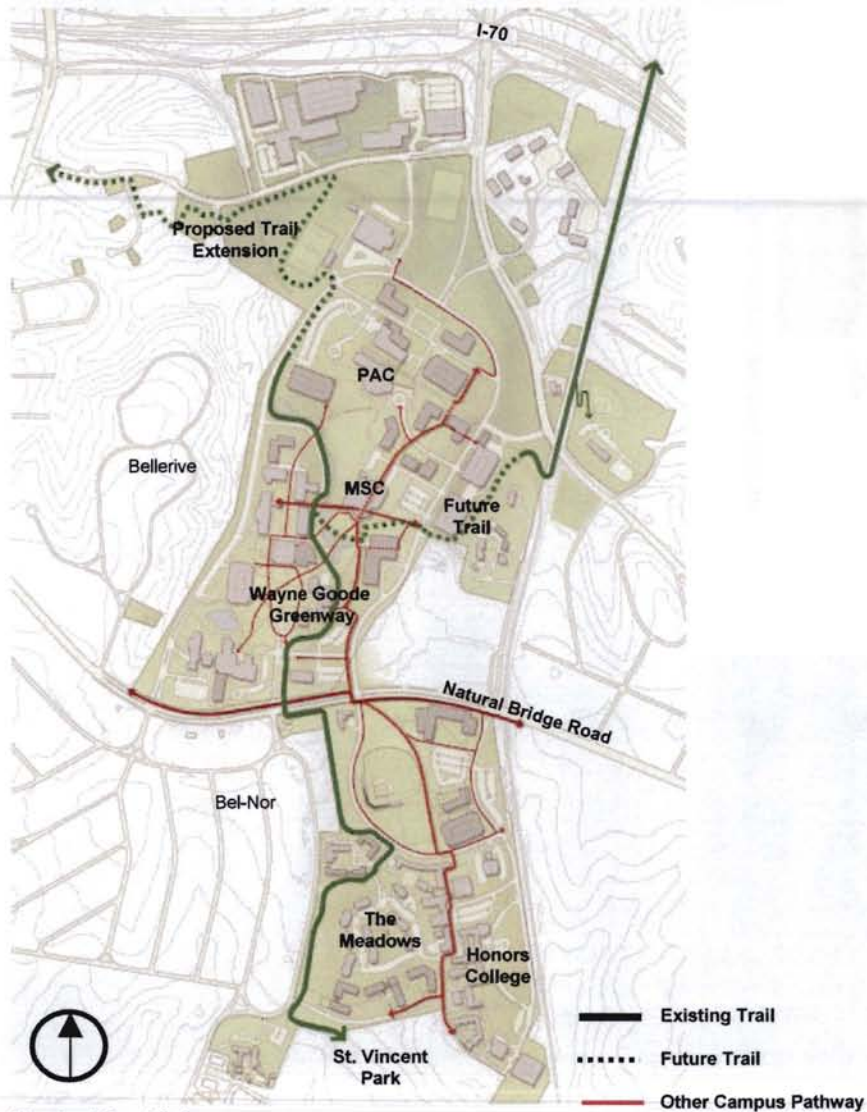
- Currently funded - \$2.2 million
  - Planning
  - Engineering & Design
  - Initial construction

Strategic Priority D of Gateway for Greatness





# Regional Trail System



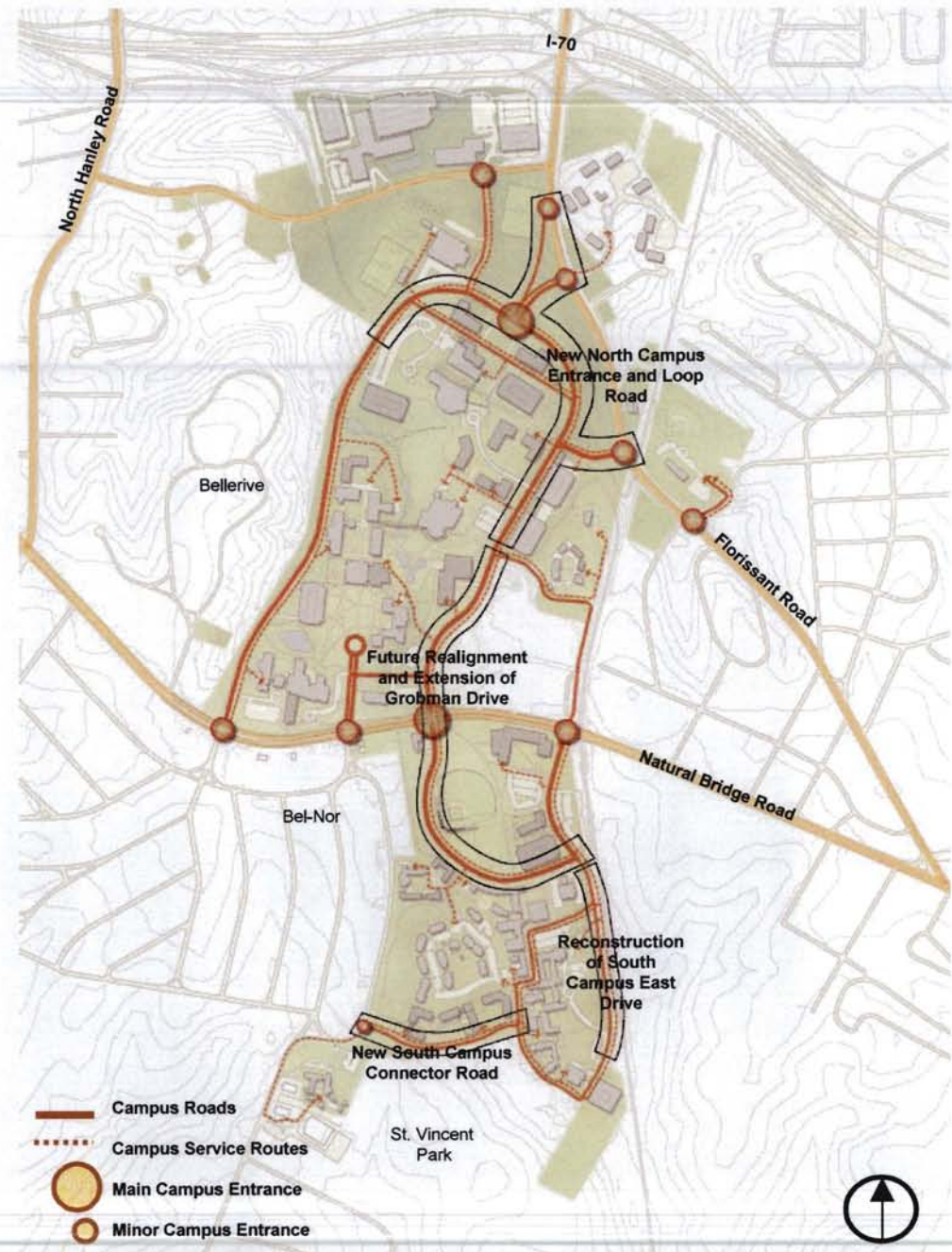
- Trails link the campus to broader regional greenway system
- Trail system connects North and South Campus
- Trail follows the central valley and provides access to the Hanley Metro Station and St. Vincent Park
- Trails are funded by the Great Rivers Greenway District





# Transportation

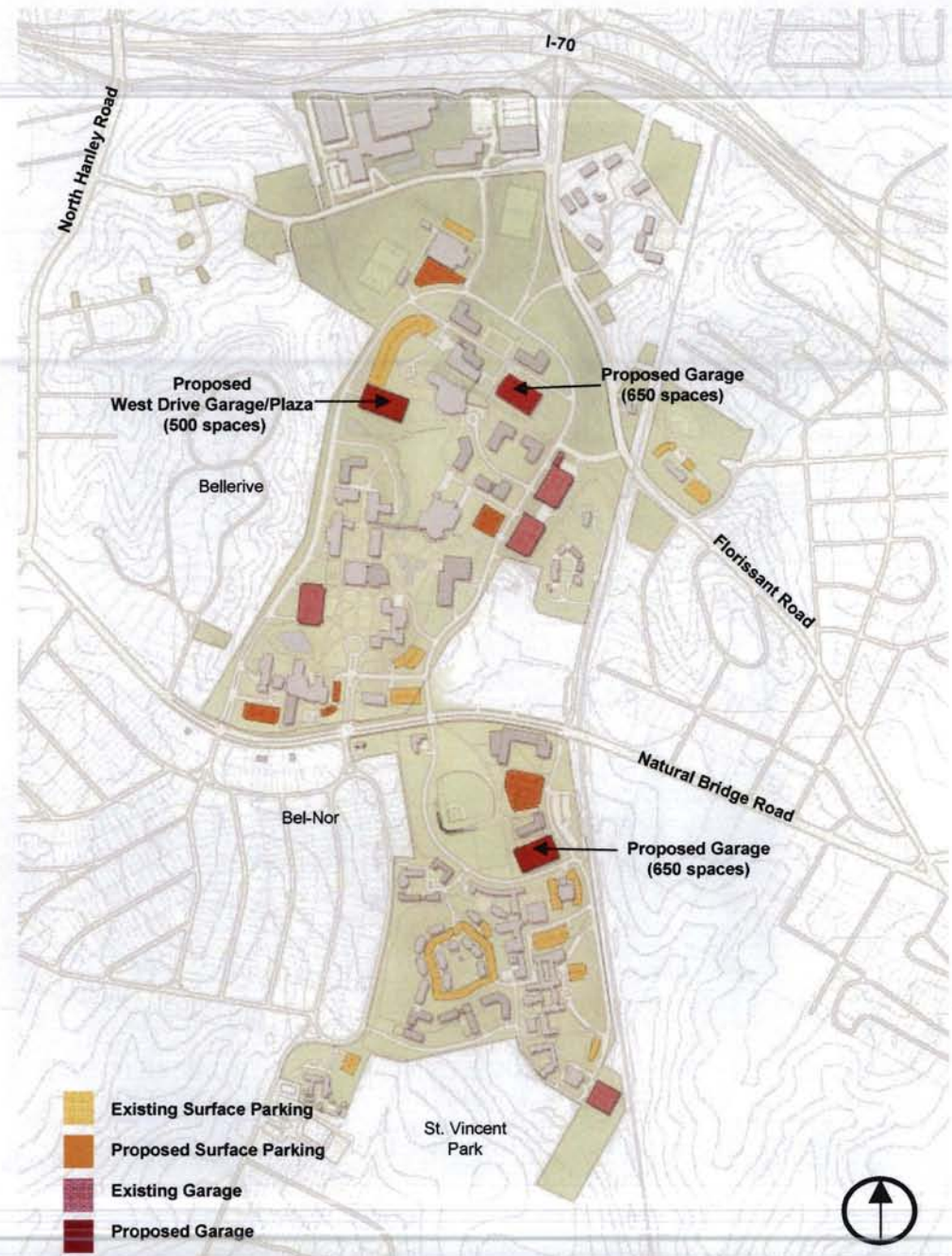
- Vehicular circulation network provides convenient access from regional roads to the core areas of the campus and parking
- Facilitates movement from the car to campus destinations without compromising the pedestrian environment
- Preserves the campus loop road configuration proposed in the 2006 Master Plan
- Reconfigures North Campus entrance on Natural Bridge Road to align with Grobman Drive
- Provides new South Campus access road to Bellerive Road





# Parking

- Balances parking supply with demand across the campus
- Removes surface parking from the campus valley
- Consolidates parking in two new garage structures on North Campus and one structure on South Campus





# Housing Strategy

- Maintains housing target of 2,500 beds (1,500 beds exist currently)
- Provides for an additional 730 beds south of University Meadows and 270 new beds near Bellerive Hall
- Residence hall parking is accommodated in existing and proposed parking structures; topography facilitates additional parking under new housing at south edge of campus
- Provides for 40 graduate student beds on the Beffa property or opportunity for conference facilities



Master Plan Vision

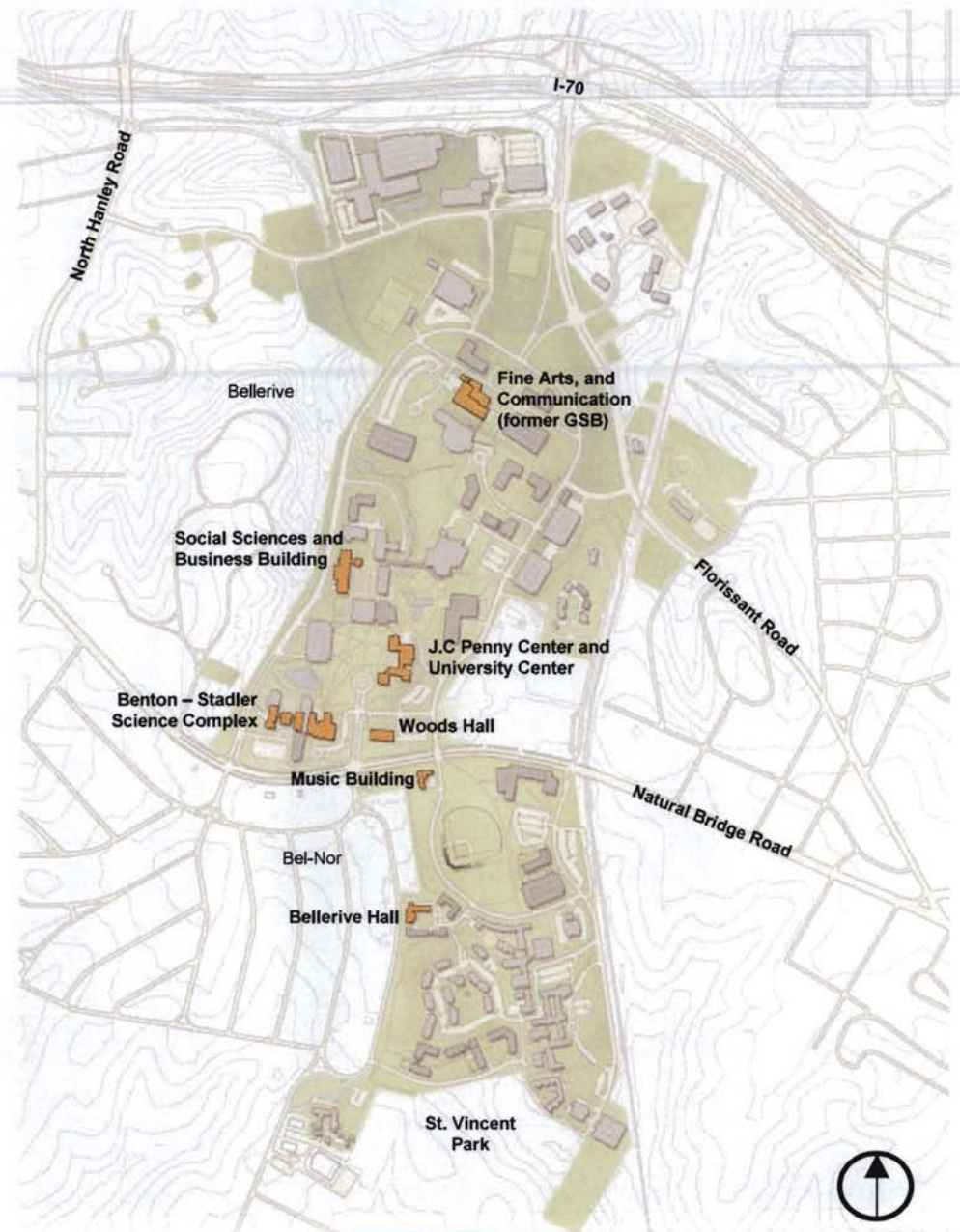
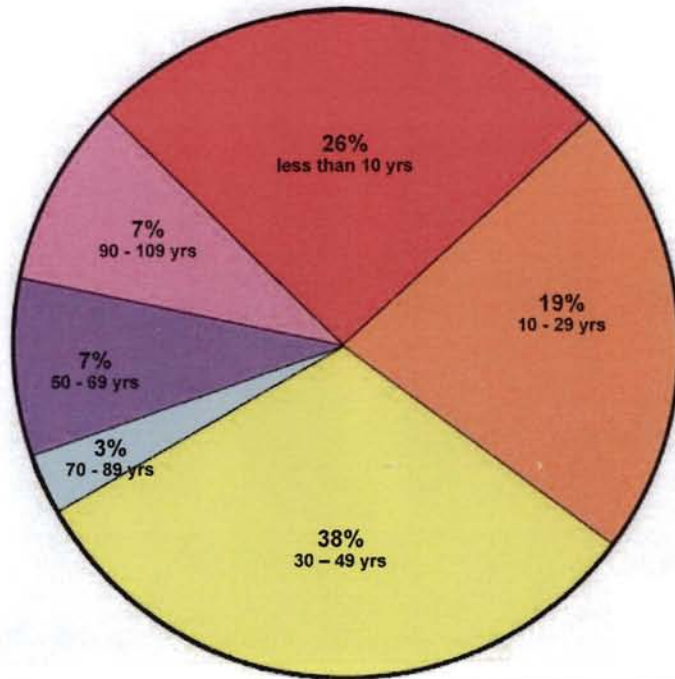
Proposed Buildings Existing Buildings



# Campus Space and Building Age

## Building Age and Gross Square Feet (gsf)

less than 10 yrs	935,150
10 - 29 yrs	691,941
30 - 49 yrs	1,353,168
50 - 69 yrs	259,339
70 - 89 yrs	104,890
90 - 109 yrs	267,218
<b>TOTAL</b>	<b>3,611,706</b>



Master Plan Vision

Proposed Renovations

Existing Buildings

Proposed Buildings



# Land Use Strategy

The University of Missouri–St. Louis Campus covers an area of 350 acres

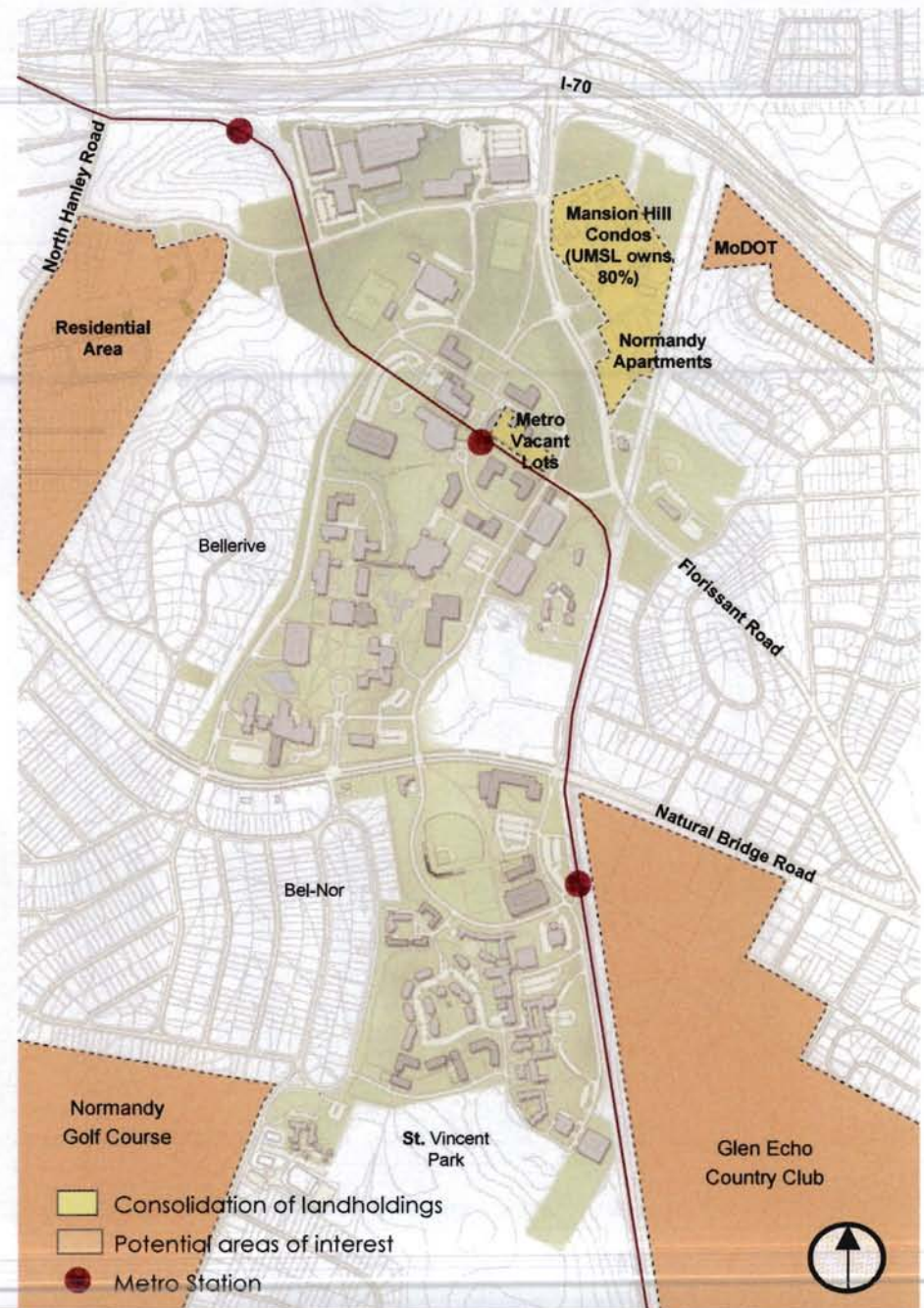
The Master Plan identifies areas to consolidate landholdings and outlines areas for potential areas of interest

## Consolidation of Holdings:

- Mansion Hill Condos
- Normandy Apartments
- Vacant Metro Lots

## Potential Areas of Interest:

- Residential Area
- MoDOT Property
- Normandy Golf Course
- Glen Echo Country Club





# Sustainability Goals

Design for Energy Efficiency and Conservation

Enhance Water Resources

Champion the Natural Environment

Promote Transportation Options

Manage Materials for a Healthy Earth

Plan for Social Equity and Economic Development

Embed Sustainability in Curriculum and Research



AMERICAN COLLEGE & UNIVERSITY  
PRESIDENTS CLIMATE COMMITMENT



Proposed Benton-Stadler Addition (HOK)



Proposed Optometry and Nursing Complex (Christner)



Proposed College of Business Building (Robert Stern Architects)

Future UMSL building projects will be designed to meet at a minimum, basic LEED Certification



# Master Plan 2009 Changes

1. Incorporates the 2008 Science Complex Master Plan
2. Incorporates the 2009 Nursing and Optometry program planning study recommendations
3. Identifies possible sites for future athletic fields
4. Provides options to locate the future Wellness Center
5. Recommends the construction of a connector road to provide a secondary access to the Residential Life District
6. Converts the KWMU site to open space
7. Recommends the acquisition of the Normandy Apartments site to consolidate holdings in the area
8. Identifies potential areas of interest





# Master Plan Summary

1. Establishes a flexible and ongoing process to guide physical growth
2. Supports UMSL's strategic direction
3. Builds on past planning initiatives
4. Strategically incorporates future Capital Projects
5. Promotes the quality of the physical environment
6. Establishes goals for a sustainable campus

