



MSM-UMR Campus Update



June 2003

- 1997 Curators' Approved Mission for UMR
 - » Meet Missouri's need for engineering education;
 - » Develop Leaders for Missouri and the nation;
 - » Drive graduate education and research in the areas of materials, manufacturing, infrastructure, geotechnical, and environmental engineering and science; and
 - » Stimulate economic development.

- Improve the quality of education of all UMR students and obtain increased national recognition for the university by:
 - » Rewarding excellence and creativity in teaching;
 - » Increasing sponsored research; and
 - » Providing workable solutions to some of the major issues facing society

Sources of Financial Support

- State Appropriations
- Enrollment
- Private Giving
- Sponsored Programs and Research



State Appropriations

<u>FY</u>	<u>Appropriation</u>	<u>Withholding</u>
2002	\$52.2 Million	\$7.7 Million
2003	\$47.0 Million	\$1.1 Million*
2004	\$47.0 Million** \$45.0 Million*** Governor Vetoed Budget – called special session which began June 2 nd .	

* Amount Withheld So Far (\$0.5 Million announced 38 days before end of fiscal year)

** Governor's Recommendation

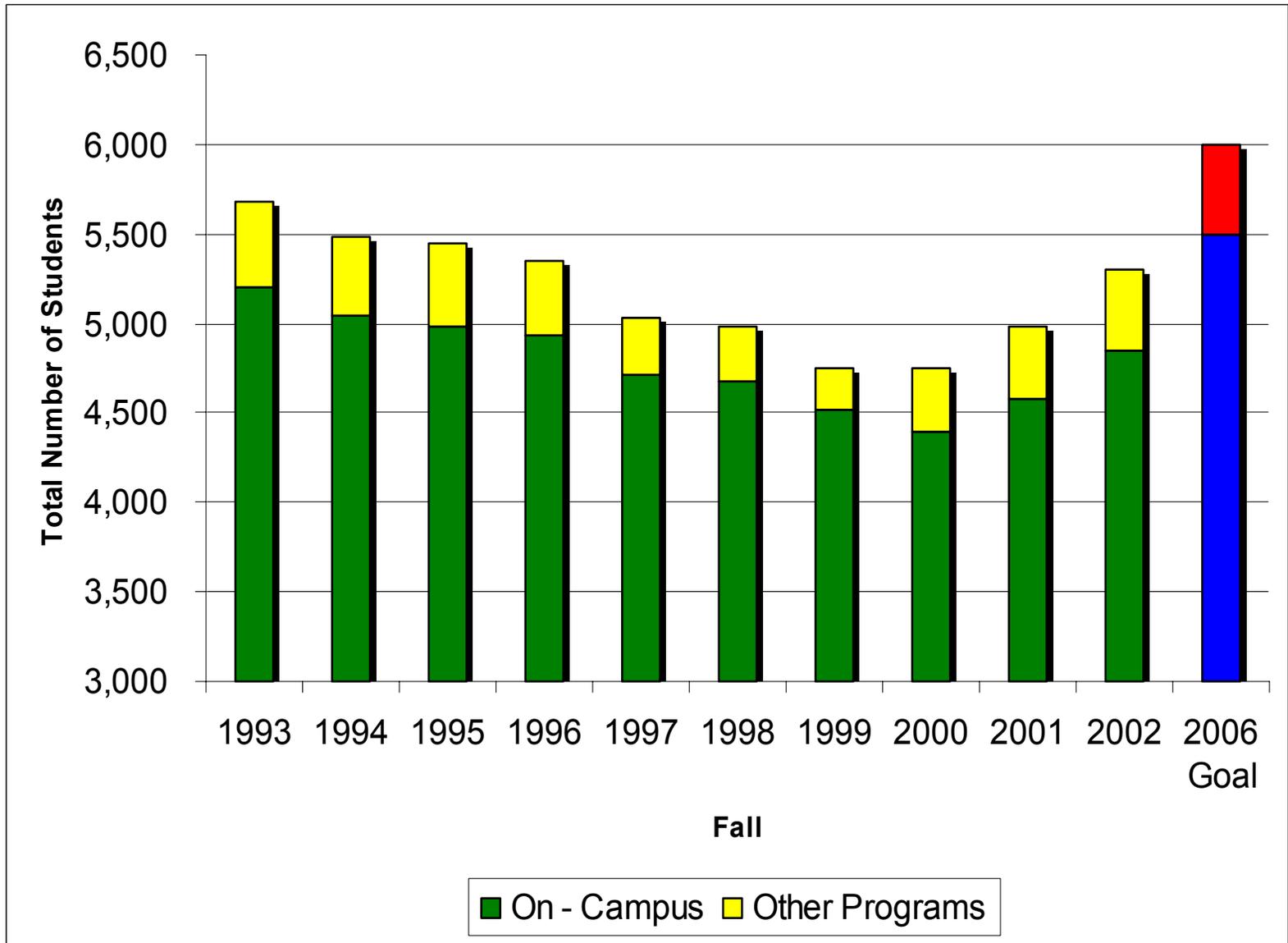
*** Passed by the House and Senate

We are making
progress
in the areas
we can control!

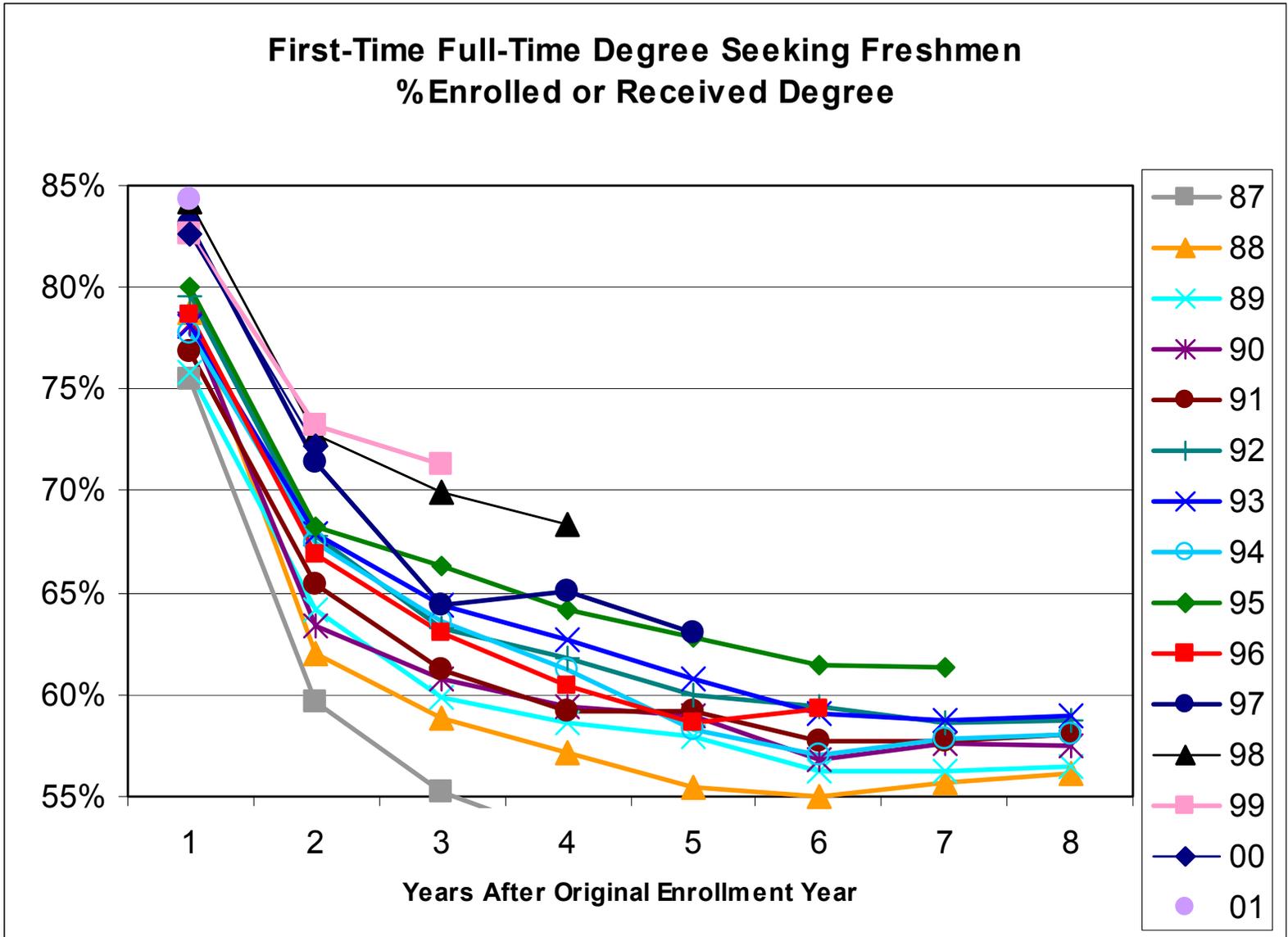
- **Fall Semester 2002** (end of 4th week)
 - » 5240 TOTAL enrollment; goal of 6000
 - » 7.3% increase from FS01
 - » increase in every category
 - freshmen, transfer and graduate students
- **Winter Semester 2003** (end of 4th week)
 - » 4904 TOTAL enrollment (following commencement)
 - » 6.9% increase from WS02
- **7th consecutive session of increases**
 - » 13.3% increase since Fall 2000



Enrollment



Retention



- Out of 347 institutions, UMR ranked
 - » 20th for all BS graduates
 - » 22nd for all graduates
 - » 22nd for all MS graduates
 - » 28th for African-American graduates
 - » 29th for women graduates
 - » 55th for all Ph.D. graduates

- UMR leads all Missouri universities in the number of degrees granted in the following engineering disciplines:

ceramic
chemical
civil
electrical
environmental
engineering management

manufacturing
materials/metallurgical
mechanical
mining/mineral/geological
petroleum

- Other degree rankings:

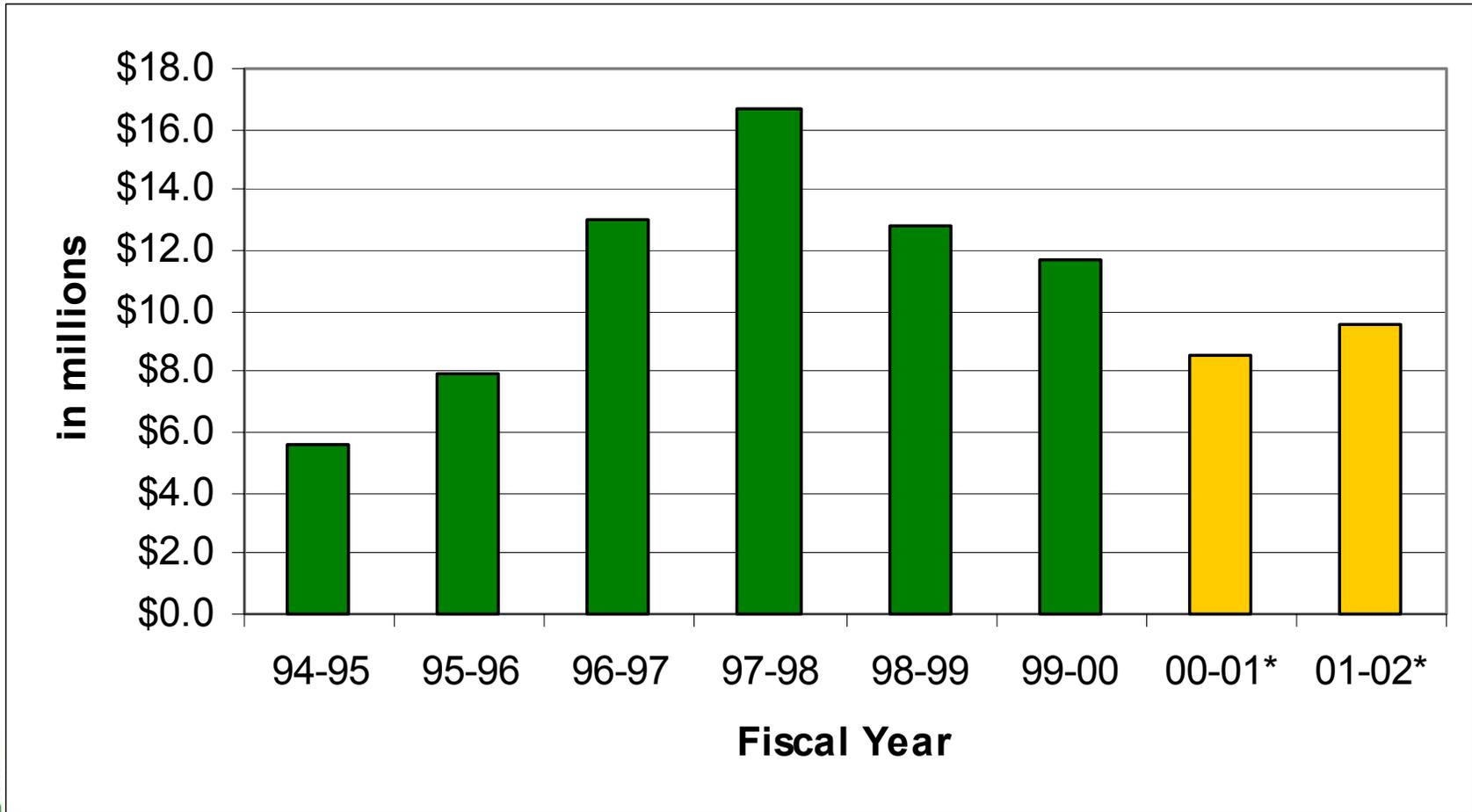
aerospace engineering	- UMR ranks 36th	(St. Louis University ranks 10th)
computer engineering	- UMR ranks 47th	(Washington University ranks 32nd)
systems engineering	- UMR ranks 21st	(Washington University ranks 20th)
nuclear engineering	- UMR ranks 18th	(UMC ranks 16th)

Private Giving

- Alumni and friends give generously of their time, talent and resources.
- UMR's endowment grew from \$24.5M to \$63.8M since 1994.
 - » Alumni Association has an additional endowment worth over \$7M
- 43% of MSM-UMR alumni contributed a total of \$67.7M to the "Full Circle Campaign" from 1994-2000.
- Increased private giving will more rapidly propel UMR toward its vision.



Private Giving

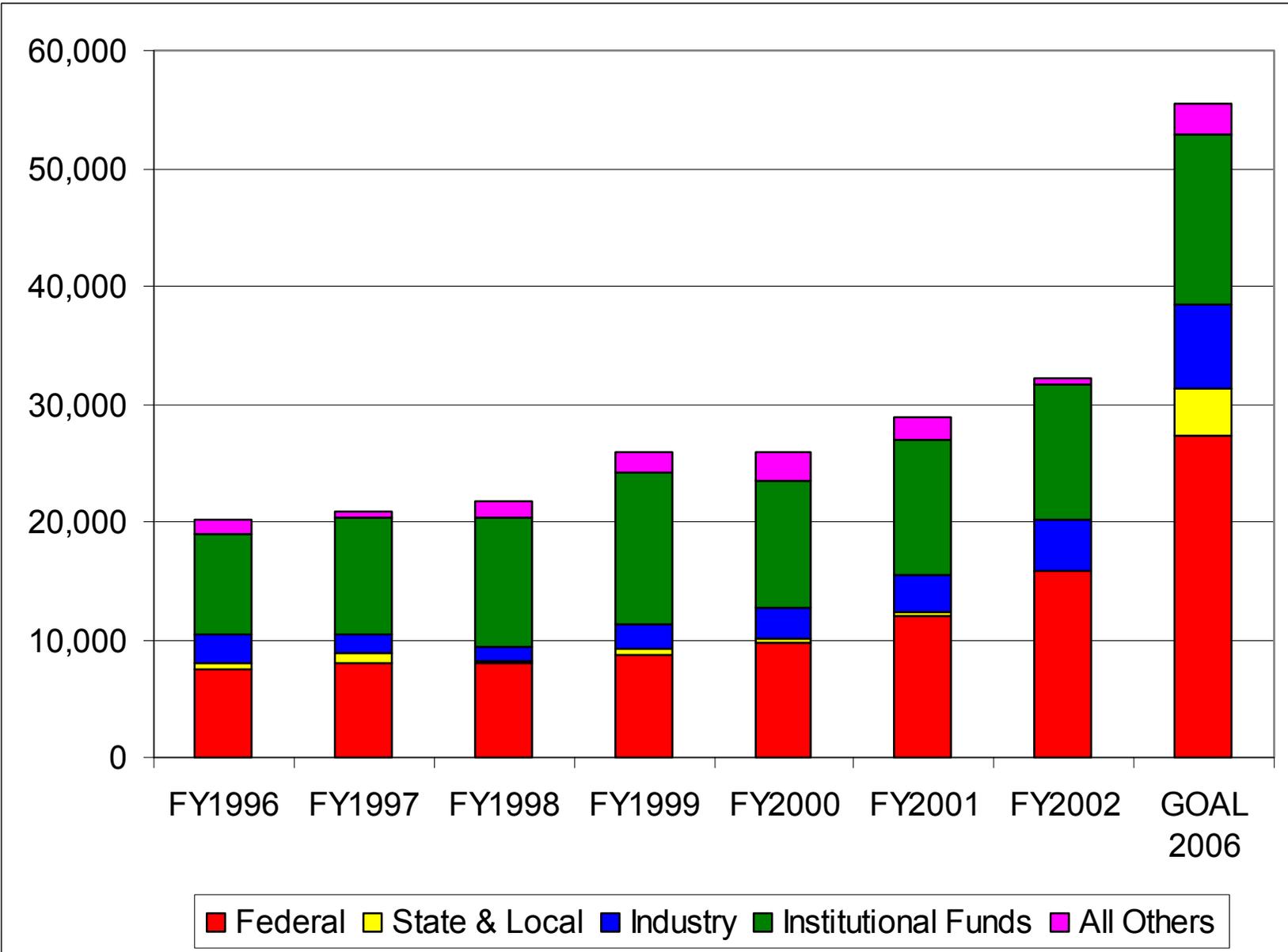


*after the successful completion of the *Full Circle Campaign*

- **Proposals submitted** (through May 2003)
 - » \$117.4 million
 - » 54.9% increase from this time last year
- **Proposals awarded** (through May 2003)
 - » \$27.4 million
 - » 17.6% increase from this time last year
- **Establishing a Missouri Transportation Institute**
 - » *the* focal point of all research conducted by the Missouri Department of Transportation



Research Goal



U.S. News & World Report Ranking:

- **2003 Undergraduate Engineering Programs**
 - » UMR's Engineering School Ranked in Top 50 among all undergraduate engineering programs
 - » UMR's Engineering School Ranked #27 among all public undergraduate engineering programs

- **Goals**
 - » Top 10% of undergraduate engineering programs by 2009

U.S. News & World Report Ranking:

- **2004 Graduate Engineering Programs**
 - » 73rd among all graduate engineering programs
 - » 45th among all public graduate engineering programs
 - » 45th among recruiters of our engineering graduates

- Athletics

- » One football player named to the Academic All-American Team for the second consecutive year;
- » Four football players named to the Academic All-District Team;
- » Six Miner swim team members qualified for NCAA Division II Championships;
- » Two relay swim teams won national championships; and
- » Lady Miners soccer *and* cross country teams won academic honors

- Student Design Competitions
 - » Solar Car
 - Solar Miner IV qualified for the American Solar Challenge which begins July 13-23.
 - Solar Miner III finished second behind University of Michigan
 - Solar Miner II placed first nationally
 - » Heavy Lift team finished 1st nationally at the SAE Collegiate Aero Design Competition.
 - » Human Powered Vehicle placed 1st nationally at the ASME Human Power Vehicle Competition. This is the second year in a row!
 - » Concrete Canoe team placed second overall in the Mid-Continent Concrete Canoe.
 - » Steel Bridge team finished second in the 2003 American Society of Civil Engineers (ASCE) Regional Steel Bridge Competition

- Departmental name changes
 - » Economics and Finance
 - » Chemical and Biological Engineering
 - » Civil, Architectural, and Environmental Engineering
- University Drive
- 128-hour curriculum in all engineering disciplines

Exciting Changes

- Reorganization of Student Affairs
- Athletic Task Force self-study
 - » 2 year process
 - » Involves input from all UMR constituents
 - » Task Force made recommendations
 - » Working with alumni and student groups to ensure the best decision is made to enhance athletics on campus.



- Dedication scheduled for Fall 2003

Mechanical and Aerospace Engineering Renovation



- Governor approved \$6.3M of \$18M in state funds, FY '01
- Approved state funds stalled due to budget constraints
- \$1.2M (of \$5-6M needed) in private funds is secured

Havener Center



- Ground breaking held in Fall 2002
- Dedication scheduled for Fall 2004
- Student-initiated and student-supported project
- Nearly \$6M in private funds secured

Residential College



- Ground breaking scheduled for Spring 2003
- Dedication scheduled for Fall 2004
- Initial funding through 30-year bond issue



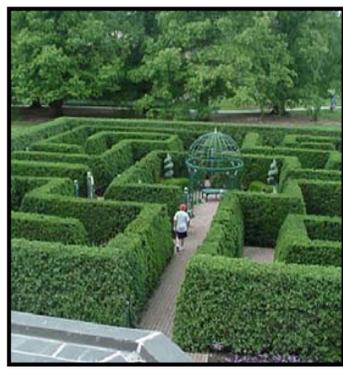
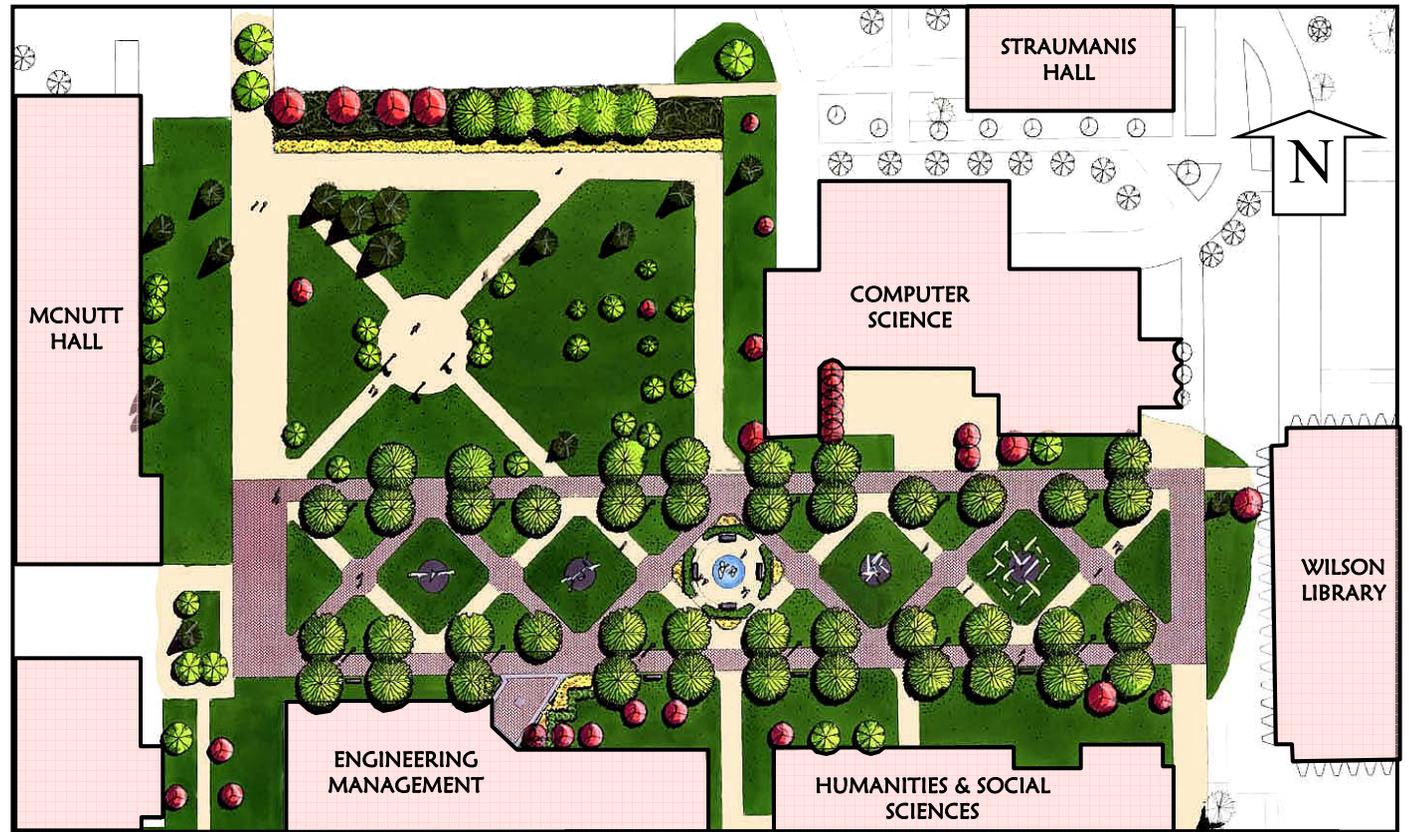
Main Entrance to Campus

(University Drive and Bishop)





Open Space (North Mall)



Landscaping



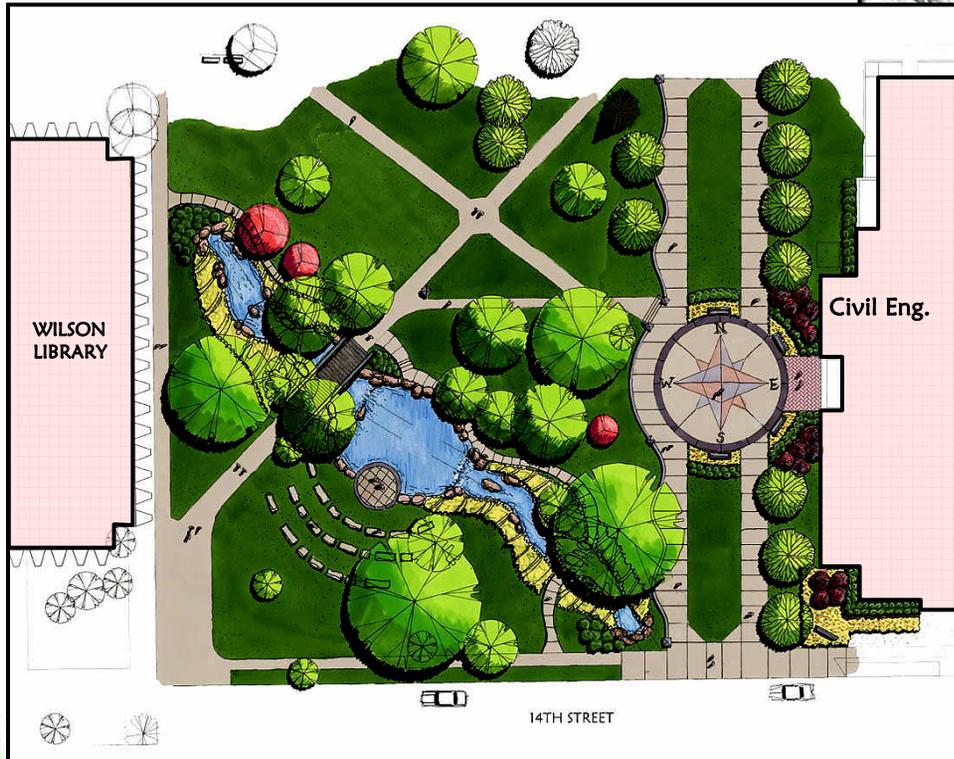
Sculpture



Current conditions



Pedestrian Nodes (Library Park)

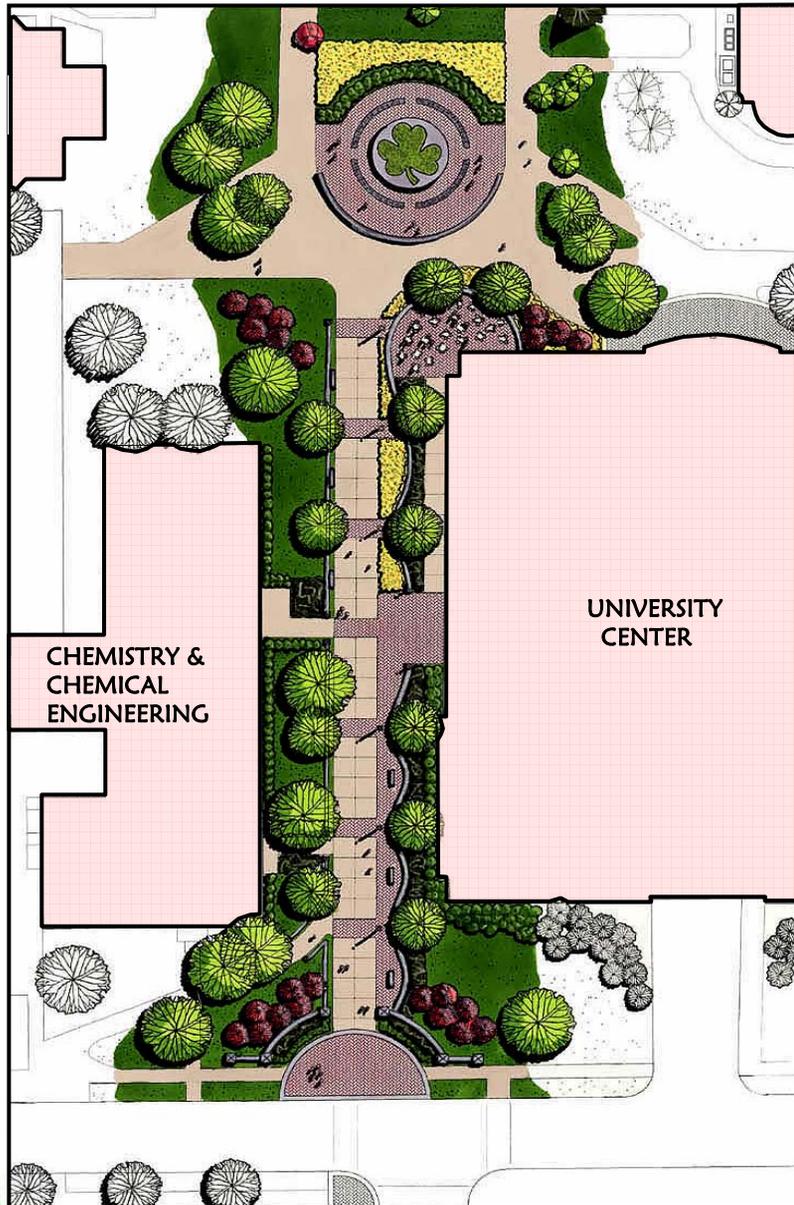


Current conditions

Artist's rendering of proposed conditions



Portals/Corridors (University Center)



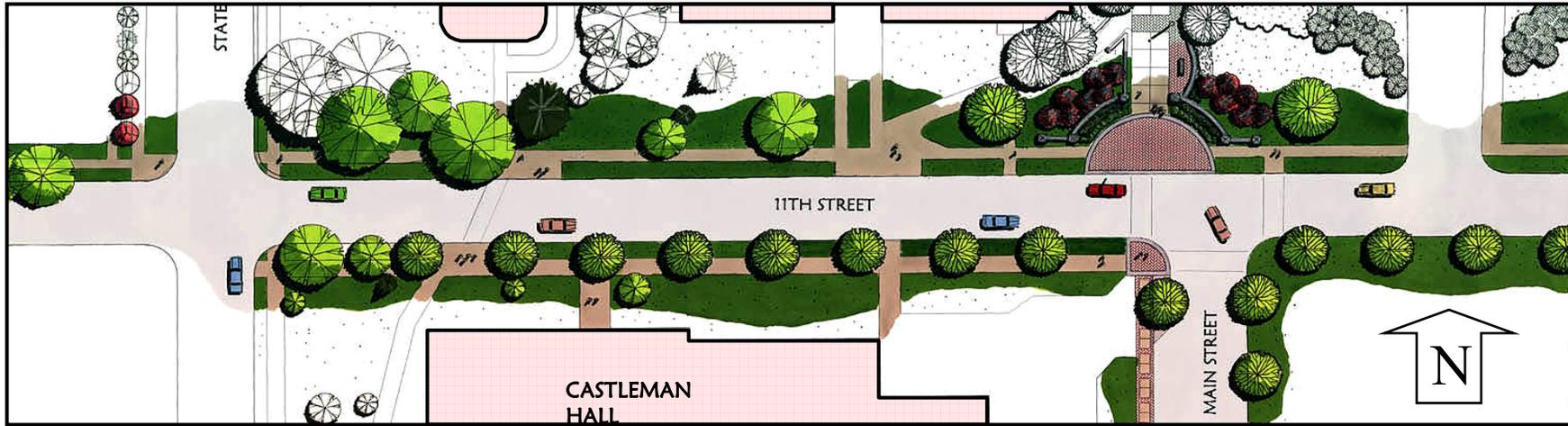
Current conditions



Artist's rendering of proposed conditions



Street Tree Right of Way (11th Street)



14th Street (University Drive) to I-44 BEFORE



14th Street (University Drive) to I-44 AFTER

Bishop Avenue BEFORE



Bishop Avenue AFTER

Thank you!

I would like to
personally thank
each of you
for your continued
hard work and dedication
to the
University of Missouri-Rolla