

President's Update



Georgia Tech President G. Wayne Clough

Georgia Tech Advisory Board

April 28, 2000



Admissions, Fall 2000

- 12% increase in freshmen applications.
- Increases widespread: all colleges, male and female, in-state and out-of-state, all ethnic groups.
- Hosted Internet chatroom for accepted students, targeting minorities and females.
- Goal: enroll 2,200 freshmen, same as last year.
- Average SAT of accepted freshmen up 25 pts.

Faculty Recognitions

- New members of National Academy of Engineering: **C. P. Wong**, materials science & engineering, and **Edward W. Price**, aerospace engineering. (GT now has 18 members.)
- **Rigoberto Hernandez**, chemistry and biochemistry, named 2000 Sloan Research Fellow; one of 100 top young faculty in U.S. chosen from six academic fields.
- **Andrew Lyon**, chemistry and biology, received Beckman Young Investigator Award.

Expanding Industry Partnerships

- STC survey: GT leads nation in technology transfer and economic development.
- Tech, UPS co-hosted successful national conference on e-commerce logistics, Feb 10-11.
- GT, BellSouth, UPS, National Council on Competitiveness studying effects of clusters on economic prosperity.

Facilities Update

- Moving into Erskine Love MRDC-II. Stay tuned for ribbon-cutting.
- Combustion lab in operation.
- New parking deck underway on Atlantic.
- Neely Reactor decommissioning on track.
- Bids under evaluation for Environmental Science and Technology Building. Stay tuned for ground-breaking.

Facilities, continued

- SAC-II project in design, construction to begin next year.
- GT Foundation committee recommends 5th Street Project:
 - DuPree College of Management
 - Continuing/Executive Education Center
 - Hotel/Conference Center
 - Bookstore, light retail/restaurants, parking deck

Midtown's Synergy

- GT Facilities

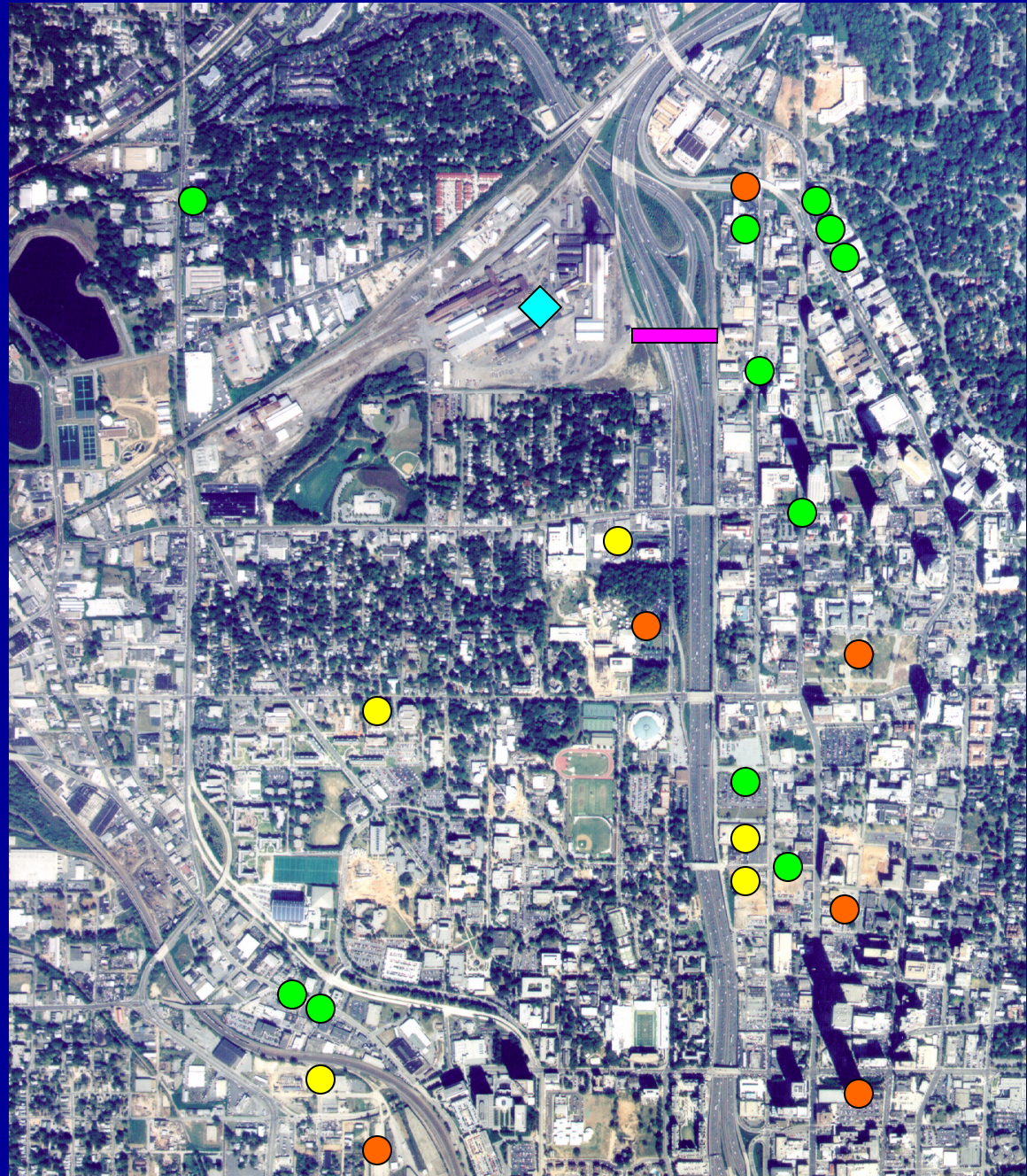
- Start-ups

- Expanding giants

- ◆ Atlantic Steel

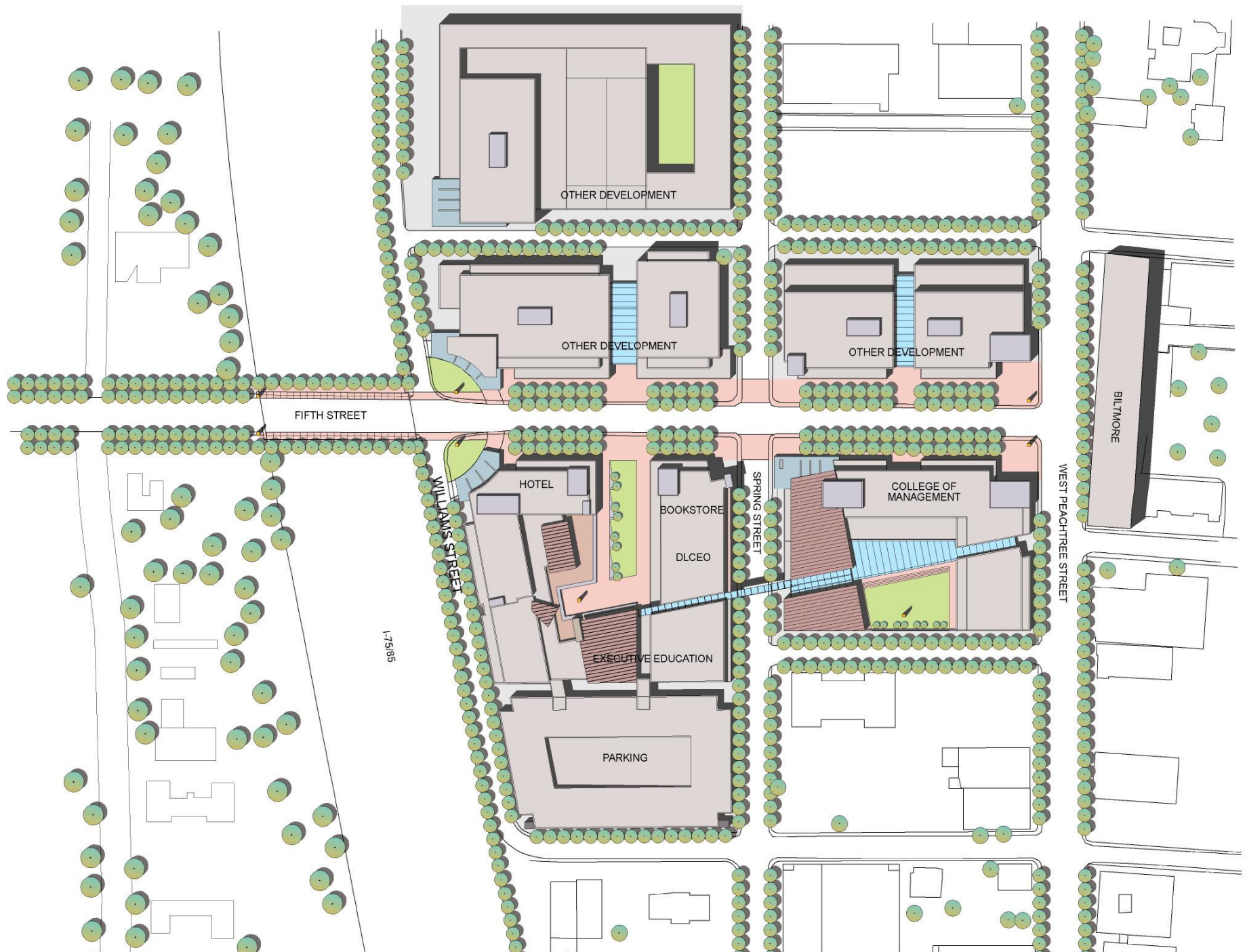
- 17th St Bridge

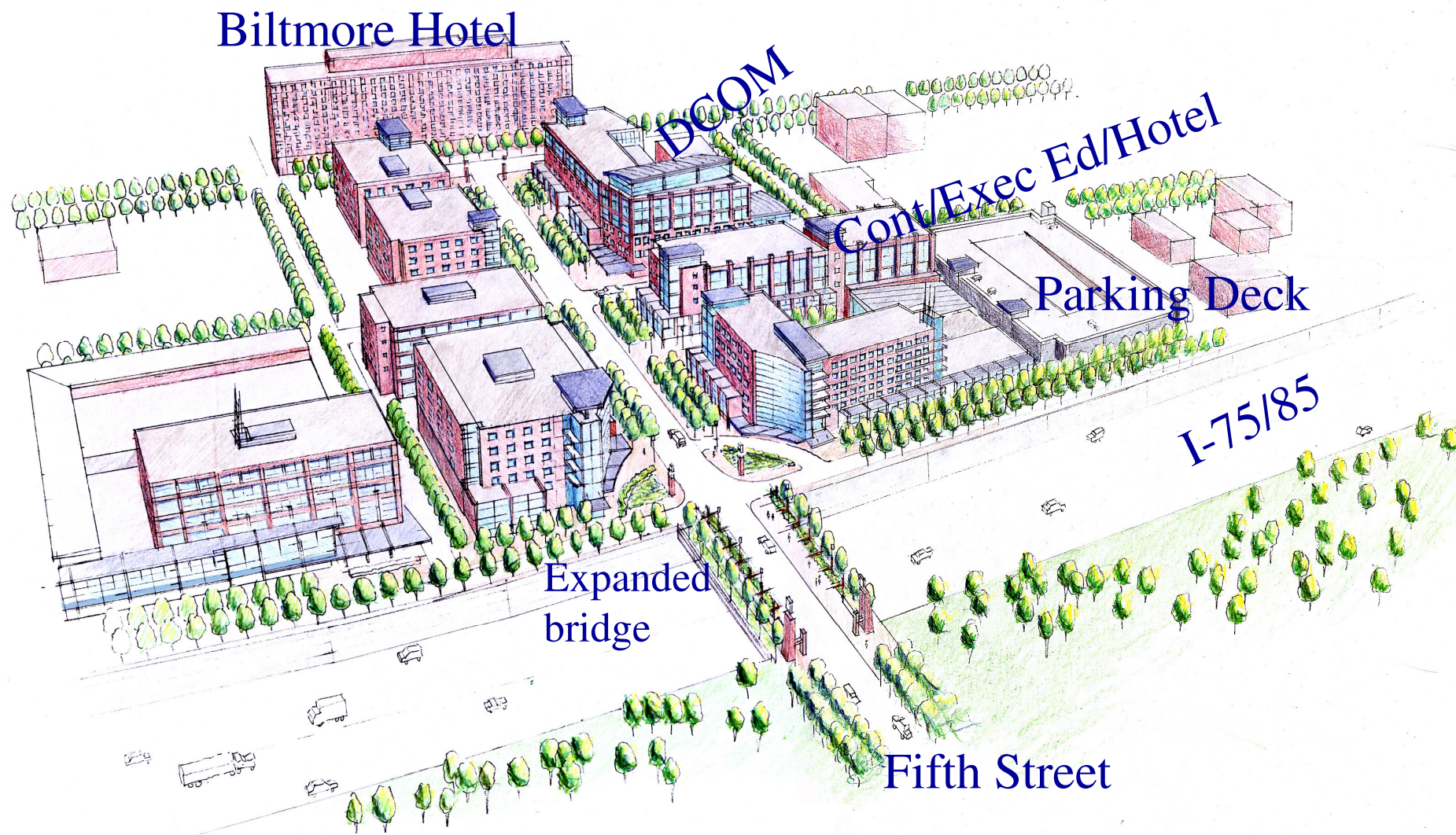
Numerous loft/
condo/apartment
projects



Fifth Street Project Site







Biltmore Hotel

DCOM

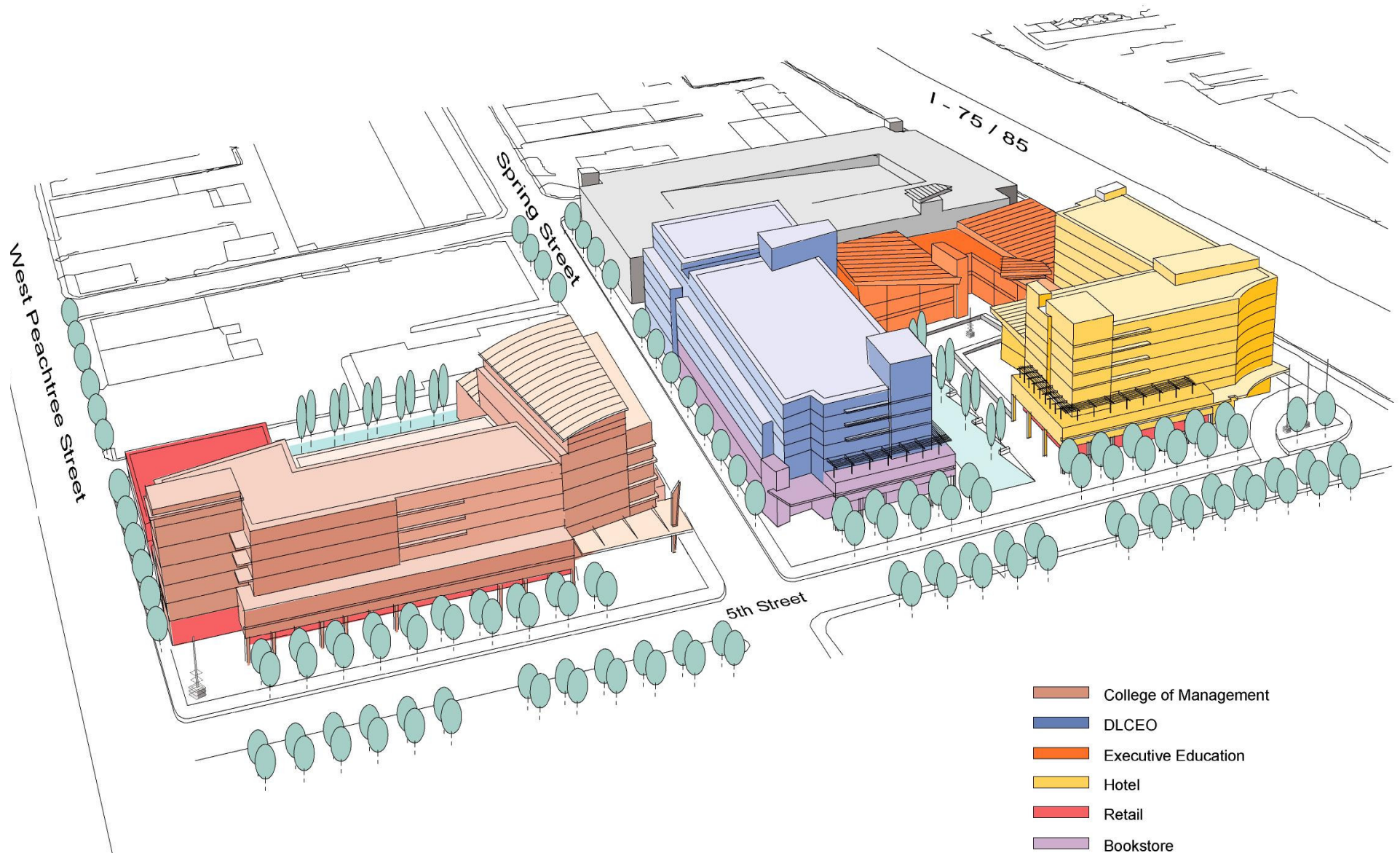
Conv/Exec Ed/Hotel

Parking Deck

Expanded
bridge

Fifth Street

I-75/85



- College of Management
- DLCEO
- Executive Education
- Hotel
- Retail
- Bookstore
- Parking Structure

Fifth Street Project Streetscape



Our competition is not
standing still.

At Yale, a \$500 Million Investment in Science

By KAREN W. ARENSON

Concerned that it will not be able to stay in the top academic ranks without a greater presence in science, Yale University plans to announce tomorrow that it will invest \$500 million in science and engineering facilities, including the construction of five new buildings and the renovation of several old ones.

The Atlanta Journal and Constitution
October 3, 1999, Sunday, Home Edition

Emory plans for up to four new buildings and \$300 million in capital spending over five years. The CDC's 10-year master plan, which covers both its Clifton Road headquarters and its satellite campus in Chamblee, is more ambitious: almost \$1 billion in spending, three-fourths of it in the first five years; up to seven new buildings and parking decks at Clifton and a complete revamp in Chamblee.

The San Francisco Chronicle

OCTOBER 25, 1999, MONDAY, FINAL EDITION

A groundbreaking this afternoon at 16th and Owens streets -- an intersection so obscure that only a San Francisco trivia expert would know -- will be the catalyst for the University of California at San Francisco's new \$222 million biological science research laboratory.

Soon to rise on the site of an old railroad yard, it is the first building of a new 43-acre UC San Francisco campus that will be a world center for biological research.

VOL 286 SCIENCE www.sciencemag.org

INTERDISCIPLINARY RESEARCH

Berkeley Puts All Its Eggs in Two Baskets

To crack some tough research problems, **Berkeley** is bringing together fields ranging from physics to molecular biology in a new **\$500 million** initiative

The New York Times

January 28, 1999, Thursday, Late Edition - Final

Flush with billions of dollars from its capital campaign and a flourishing endowment, **Harvard University** plans to pump as much as **\$200 million** over the next five years into new science programs, including a new center on the sizzling field of genes and how they work, a Harvard dean said today.

Capital Campaign Enters the Home Stretch

- Raised goal to \$600 million.
- Unique \$15 million gift for Advanced Computing Technology Building put us over \$500 million.
- Focusing on the 5th Street Project.

Georgia Tech Special Initiatives

- Strategic Planning
- EMERGE
- Communications Task Force

State Legislative Action

- University System budget for next year in a holding pattern; Yamacraw fully funded.
- Preplanning and design funds provided for Advanced Computing Technology and Yamacraw buildings.
- Special Tech initiatives:
 - \$4.8 m for north campus chiller plan
 - \$200,000 for early storm warning research.

Windows of Opportunity

- Yamacraw
- Industries of the Mind
- Atlanta an entrepreneurial “hot spot”

Yamacraw

- Hired 15 new faculty in computer science and computer engineering last year; expect to hire another 9 this year.
- Computer science and computer engineering enrollment tripled in past six years.
- Jim Foley hired as executive director.
- \$9 m in research and venture capital.

Yamacraw: Attracting Corporate Partners

- Announced member companies include:
 - National Semiconductor
 - StarCore
 - Broadcom
 - Wi-LAN
- More announcements to come
 - Over a half-dozen additional companies in membership negotiations

Industries of the Mind

- 18 of 47 new companies announcing Atlanta facilities in 1999 were IOM targets.
- Will bring 1,500 high-tech jobs and nearly \$88 million in capital investment to metro Atlanta.
- Over 200 additional companies targeted for recruitment.
- Website: atlanta.smartcity.com

Atlanta: Entrepreneurial “Hot Spot”

- Atlanta third among large metro areas as an “entrepreneurial hot spot.”
- 1999 record year for venture capital investments in Georgia:
 - \$740 m invested, compared to previous annual high of \$298 m (1998).
 - 41 investments totaling \$372 m during 4th quarter 1999, exceeding all previous year totals.