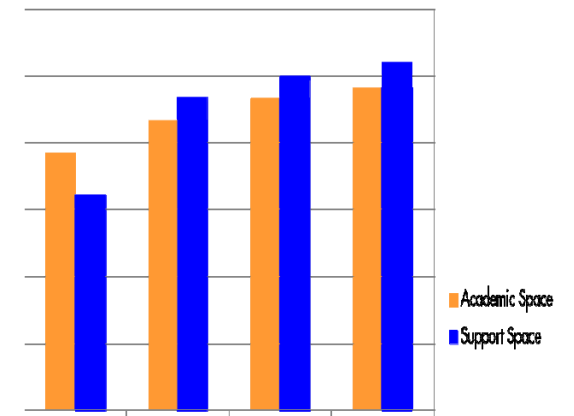


William Rainey Harper College

Master Plan
August 19, 2010



Harper's Mission – comments from Board members

- The image of Harper – once thought of as “Harper High” – has improved, and this needs to continue
- Somewhere along the way the College lost the reputation for being student-centered
- Let's change the emphasis from “you can't step on the grass” to “we're so glad you're here”
- Like the idea of student organizations in a new Student Center – students don't know all tutoring, counseling opportunities

Harper's physical campus – comments from Board members

- **The impression from the street – from Algonquin and Roselle – is that we're not using our space to best advantage**
- **Some of the campus entrances are dangerous – Euclid, Roselle**
- **Would love to see a structured parking deck or decks, paid for by the users**
- **Sustainability definitely makes sense, to balance people, environment, and costs**

Master Plan Steering Committee



Co-chairs: **Andy Kidwell**
Maria Coons

- *Diana Cincinello*, Associate Professor, AELS
 - *Brian Cremins*, Assistant Professor, Liberal Arts
 - *Enrique D'Amico*, Instructor, Business and Social Science
 - *Carl Evans*, Student Senate President
 - *Barbara Gawron*, Simulation Coordinator, Health Careers
 - *Resche Hines*, Manager, Institutional Research
 - *Jim Ma*, Director, Physical Plant
 - *Timothy Manning*, Associate Professor, Career and Technical Programs
 - *Mark Mrozinski*, Dean, Continuing Education
 - *Regan Myers*, Director, Technical Services
 - *Megan Peterson*, Adjunct Faculty, Business and Social Science
 - *Steve Petersen*, Campus Architect, Facilities
 - *Perry Pollock*, Associate Professor, Liberal Arts
 - *Catherine Restovich*, Associate Professor, Liberal Arts
 - *Tom Samp*, Sales Consultant, Wojcik Conference Center
 - *Diana Sharp*, Associate Provost
 - *Tom Thompson*, Director of Disability Services/ADA Officer
- Advisor
- *David Newton*, Elm Advisors
- Assistant
- *Evelyn Seiler*, Executive Assistant

Master Plan Large Input Groups



- Board of Trustees
- Master Plan Steering Committee
- Faculty Senate
- Marketing & Public Relations
- HPC Students
- Staff
- Open Forum
- Physical Plant
- Senior Staff
- President & Senior Advisors
- Adjuncts
- Administrators
- Green Committee
- Deans
- Faculty
- Student Senate
- Harper Foundation
- Clubs and Organizations
- Community Representatives
- Center for Multicultural Learning

- **Master Plan team has met with over 500 in campus community**
- **Comments are generally consistent:**

Harper has a great campus, but it could be better

First impression is important

College and campus should be student-centered

Landscape and sustainability are important

Academic Space – Instructional

Support Space – Student Services

Entrances

Parking

Sustainability

Projections for growth:

What space does Harper need through 2020?

Fall 2009 baseline figures: 10,363 FTE

Growth projected to Fall 2020 for each department

Overall growth projected to 13,095 FTE Fall 2020

What is included in each category of the Master Plan program?

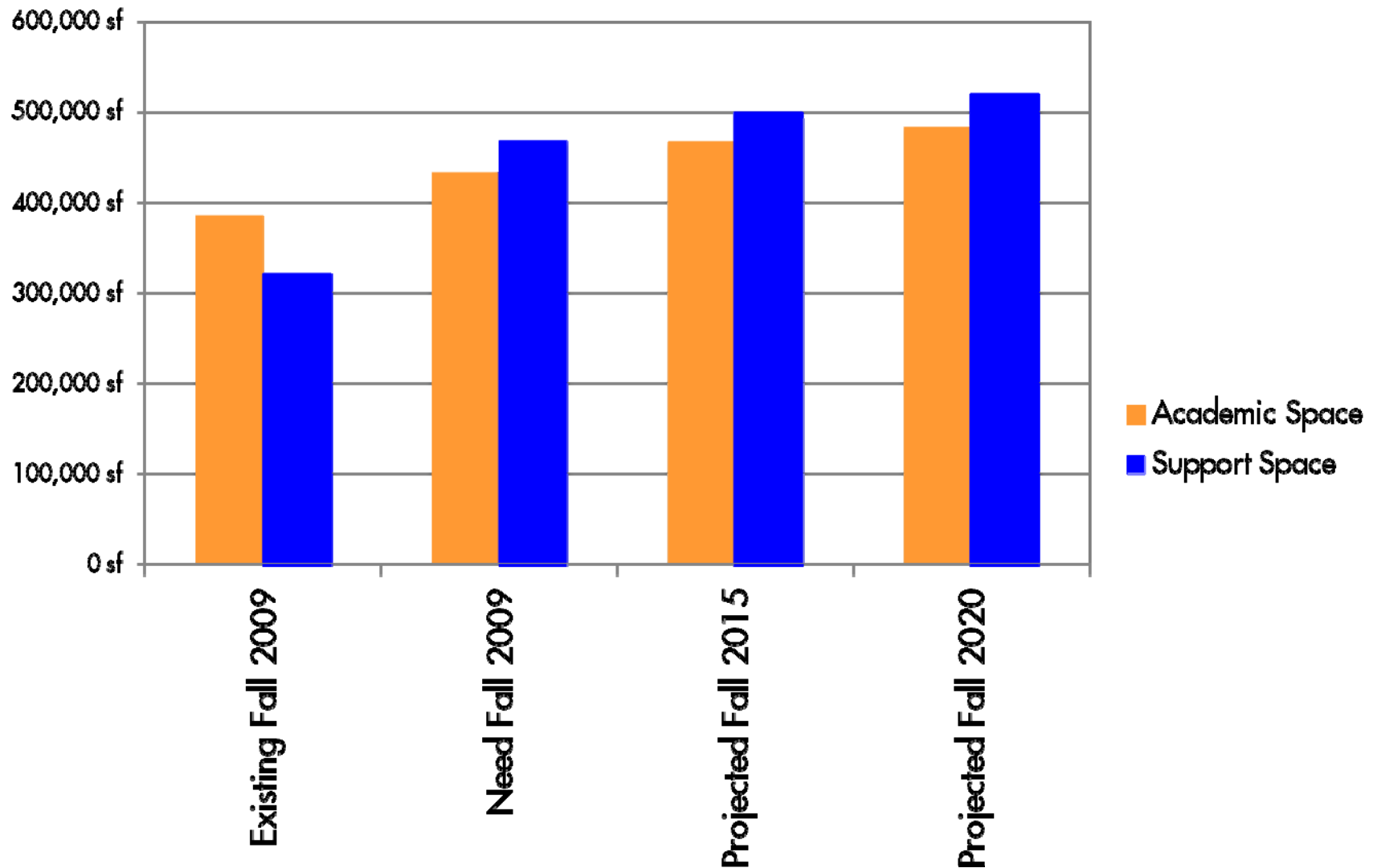
- **Academic**

- ☐ Faculty Offices
- ☐ Classrooms
- ☐ Teaching Labs (Class Labs)

- **Support**

- ☐ Academic Resources (including Library)
- ☐ Technology
- ☐ Assembly & Exhibition
- ☐ Athletics & Wellness
- ☐ Student Activities
- ☐ Child Care
- ☐ Student Services (including tutoring and counseling)
- ☐ Administrative Services
- ☐ Campus Services

Master Plan Program: Academic and Support needs



ASF (Assignable Square Feet) per FTE: benchmarking metric

Fall 2009 baseline ASF per FTE = 70

Fall 2020 projected ASF per FTE = 77

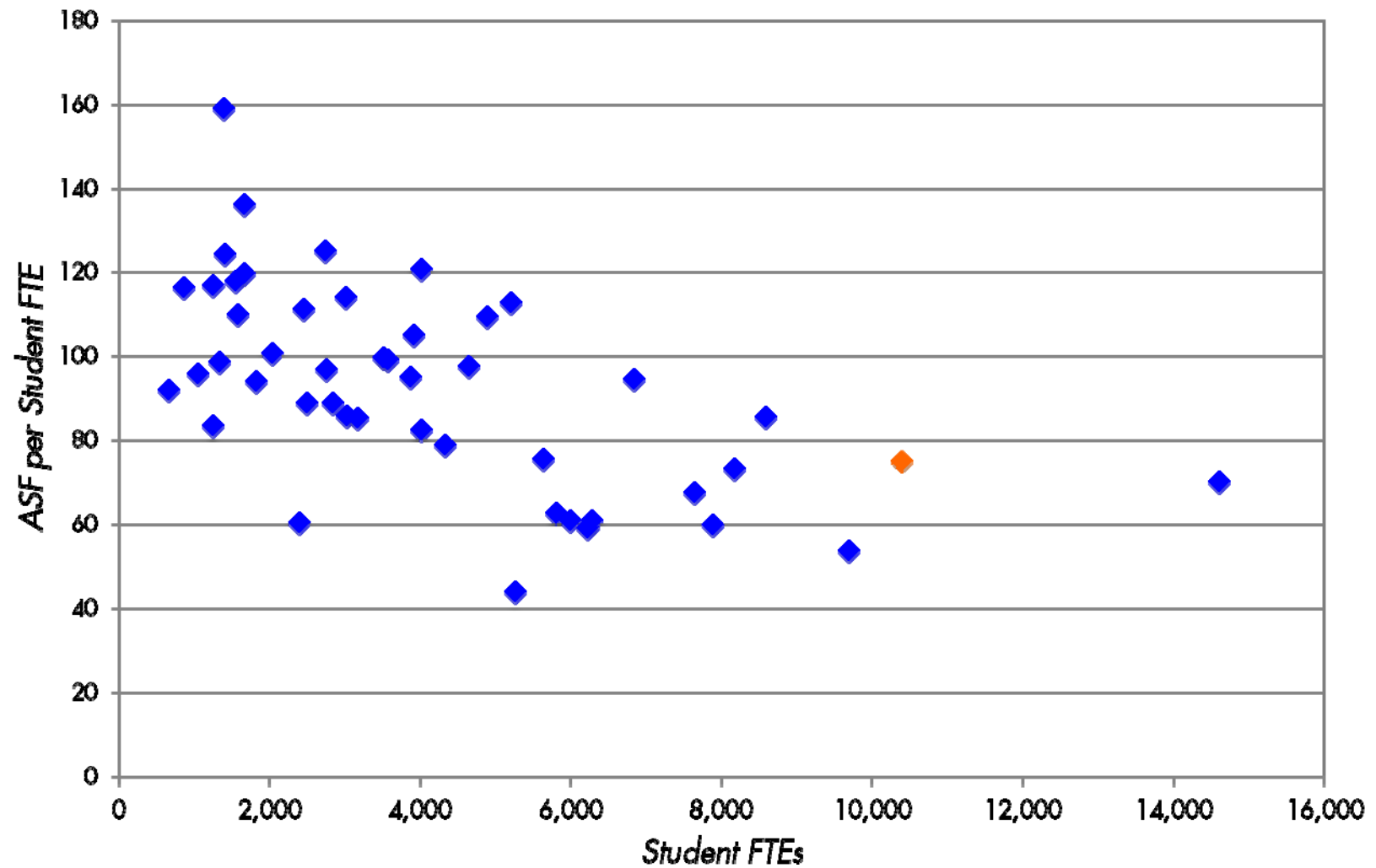
The growth in ASF per FTE is a function of right-sizing space

Growth is tempered by efficiency for larger FTE

Comparative Analysis: Illinois Community Colleges



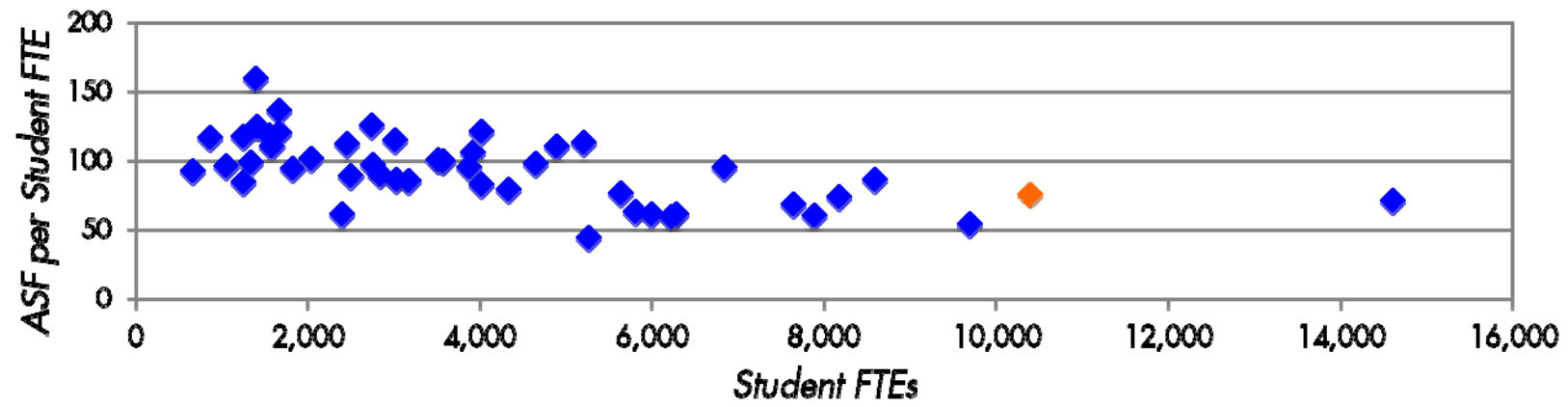
Illinois Community Colleges - ASF per FTE



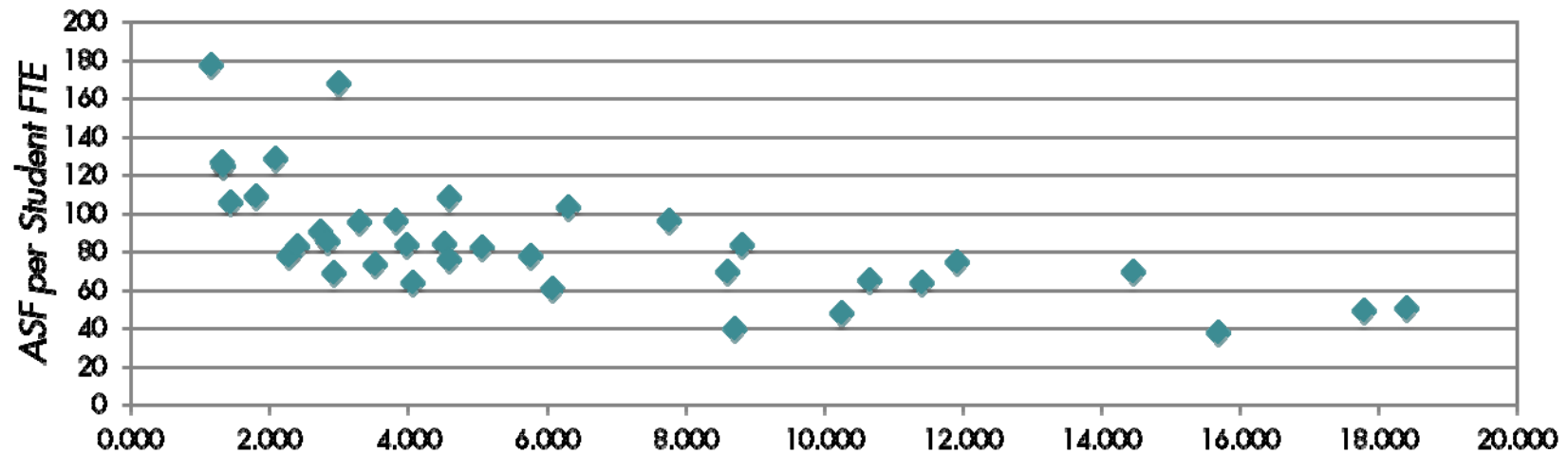
Comparative Analysis: Illinois Community Colleges



Illinois Community Colleges - ASF per FTE



New York State Community Colleges - ASF per FTE



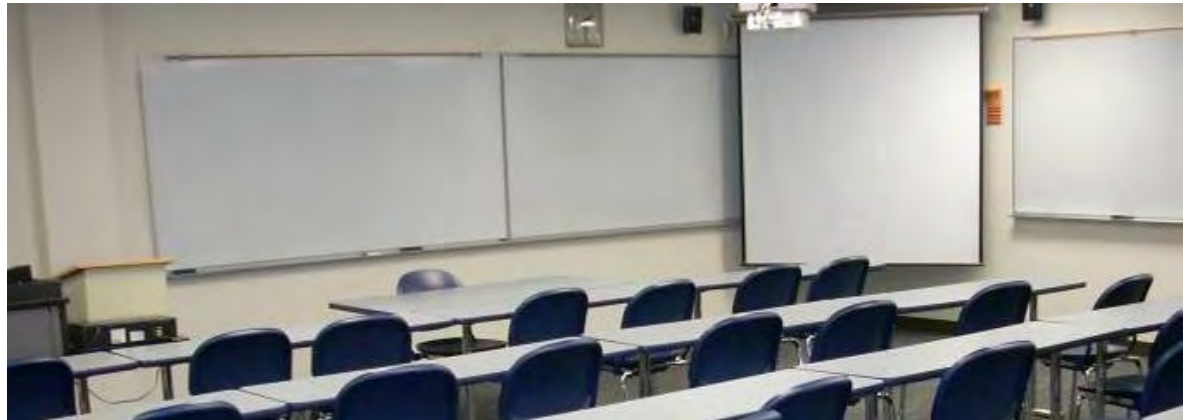
Master Plan Program: Academic Space



**Academic Space includes:
Faculty Offices
Division, Department**



**General Classrooms:
shared by all on campus**



**Teaching Labs (Class Labs)
Assigned to a department**

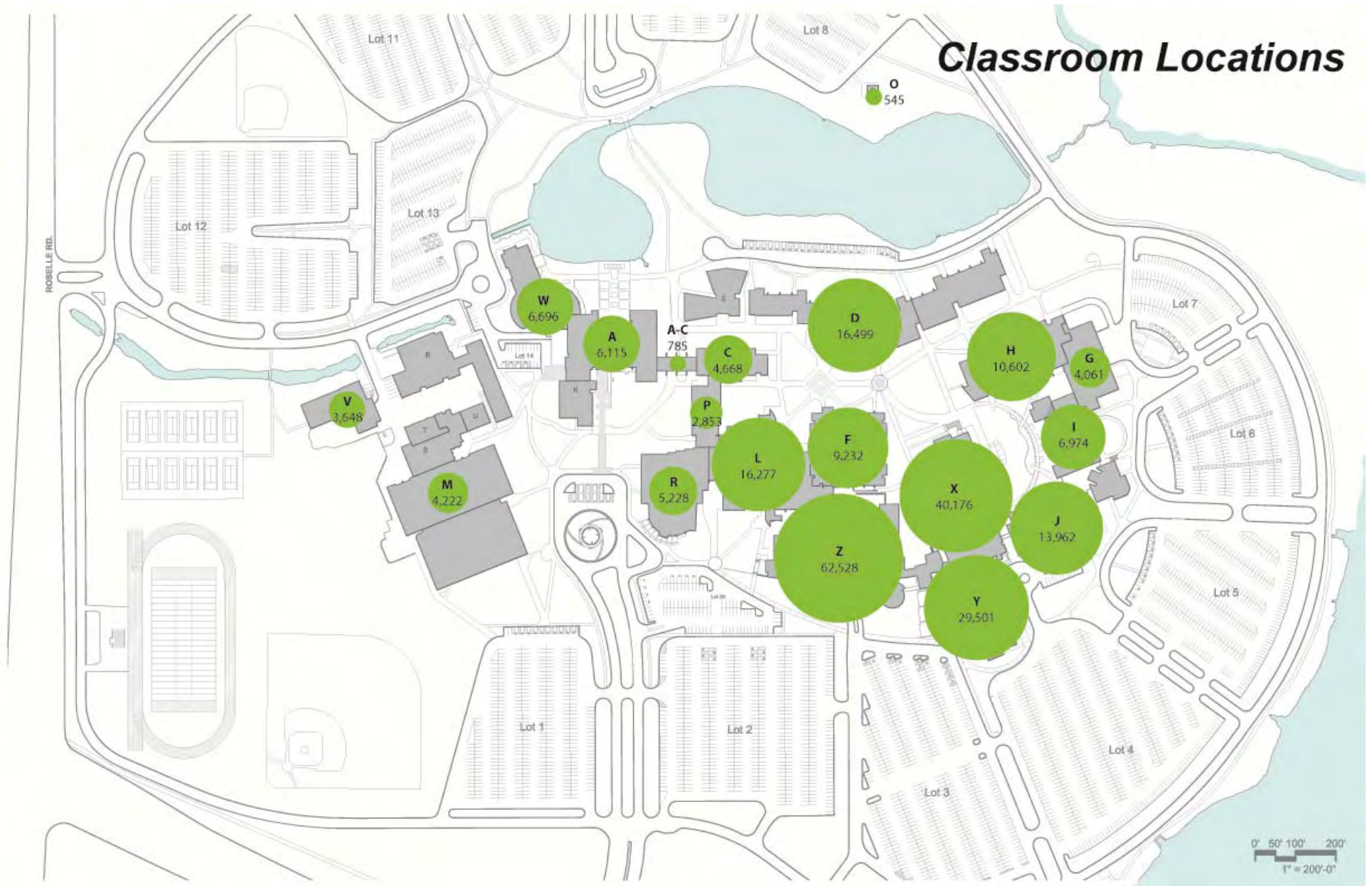


- **Classrooms & Labs: largest component of academic space**
 - Harper classrooms & labs = 49% of total NASF per ICCB
 - DuPage classrooms & labs = 41% of total
 - Elgin classrooms & labs = 42% of total
 - Oakton classrooms & labs = 42 % of total
- **General classrooms shared by all on campus**
- **Utilization of every Harper classroom was examined**
- **Classrooms are used 8 am – 9 pm or about 60 hours per week**
- **Goal: use of classroom at least 30 hours/week (daytime peak)**

Master Plan Program: Location of Classrooms



Classroom Locations



Overview: Classroom Analysis

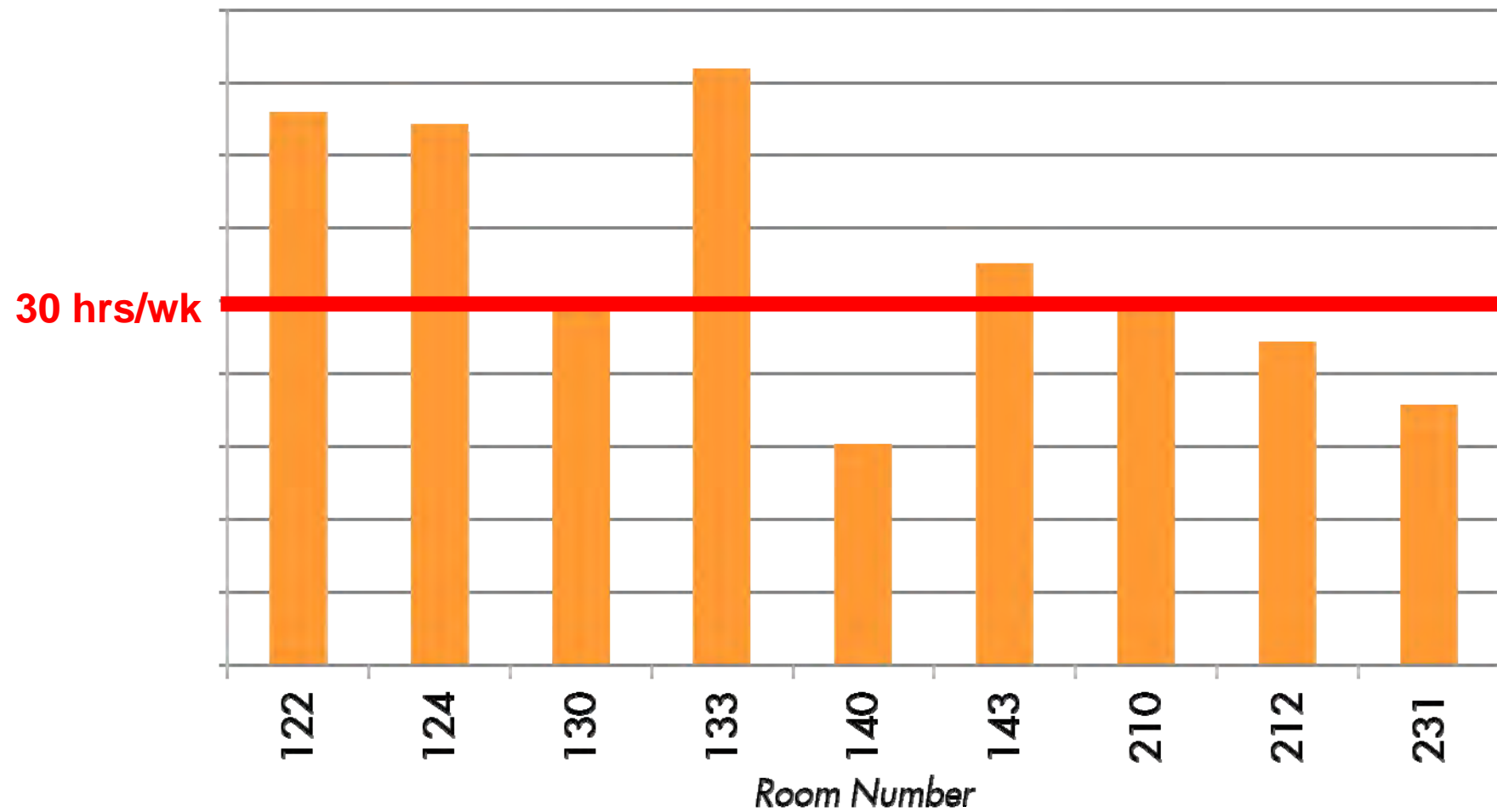


Monday	Tuesday	Wednesday	Thursday	Friday	
8:00a	8:00a	8:00a	8:00a	8:00a	
9:30a	9:30a	9:30a	9:30a	9:30a	
11:00a	11:00a	11:00a	11:00a	11:00a	42.5 Hours
12:30p	12:30p	12:30p	12:30p	12:30p	
2:00p	2:00p	2:00p	2:00p	2:00p	
3:30p	3:30p	3:30p	3:30p	3:30p	Day
					Evening
4:30p	4:30p	4:30p	4:30p	4:30p	
6:00p	6:00p	6:00p	6:00p	6:00p	22.5 Hours
7:30p	7:30p	7:30p	7:30p	7:30p	

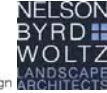
Classroom Analysis: Utilization



Classroom Utilization - X Building



Master Plan Program: General Classrooms

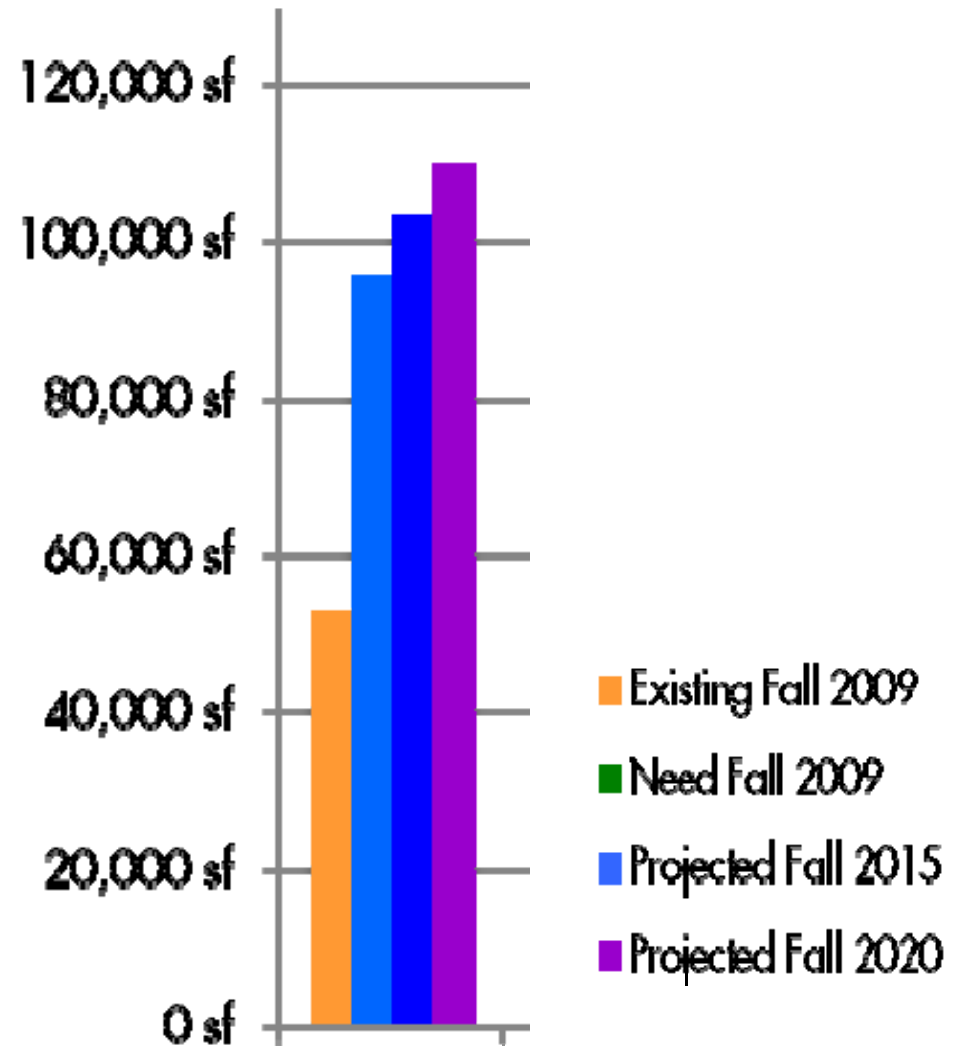


General Classrooms:

Shared by all on campus
Does not include class labs

UPDATE GRAPHIC

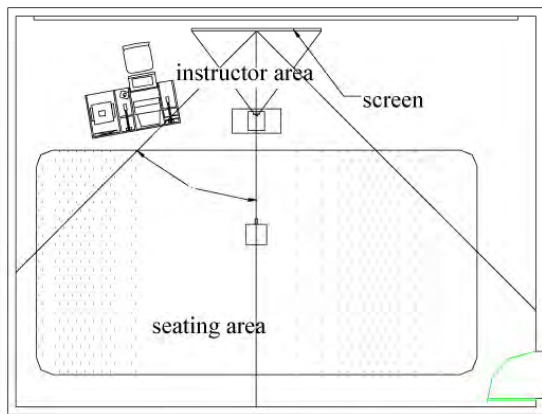
AND LEGEND



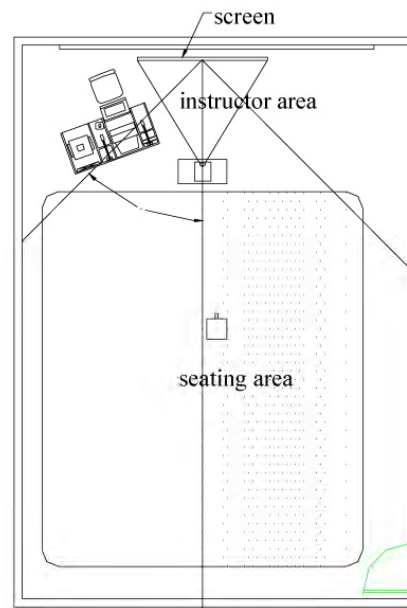
PROTOTYPE

Impact of Room Proportions on Eye Contact and Sight Lines

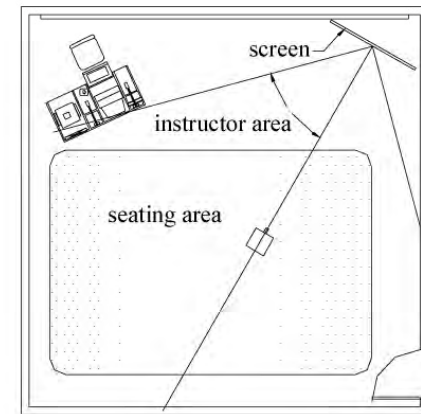
Classrooms and Auditoriums:



Too Wide



Too Deep



Acceptable

Existing Classrooms - Positive



Room L220



Room X133

Existing Classrooms - Negative



Room
L-219

Inadequate space/tablet arm chairs



Chairs conflict with coat hooks and chalk tray



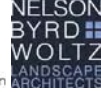
Room
L 135

Lack of windows/display boards

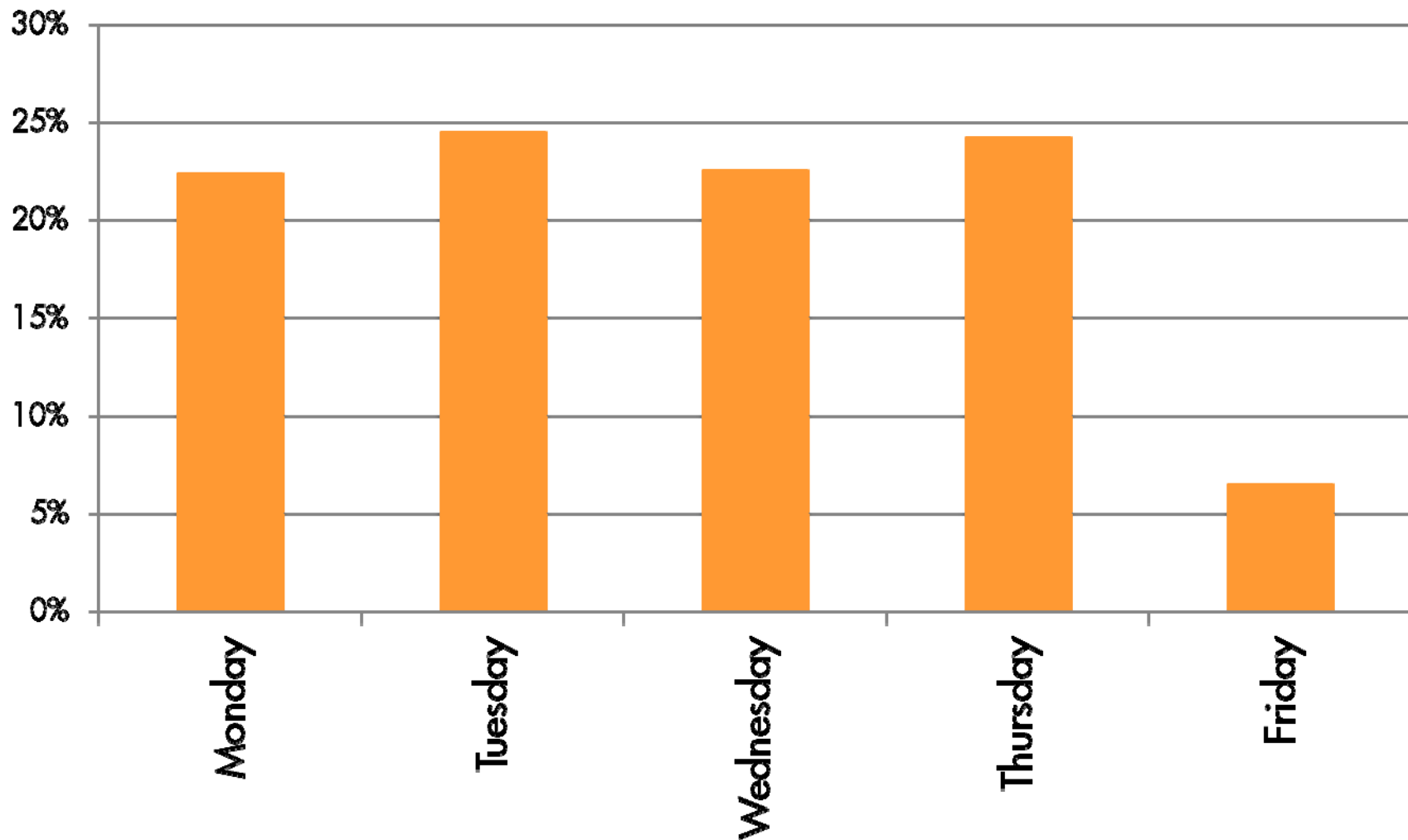


Narrow dimension

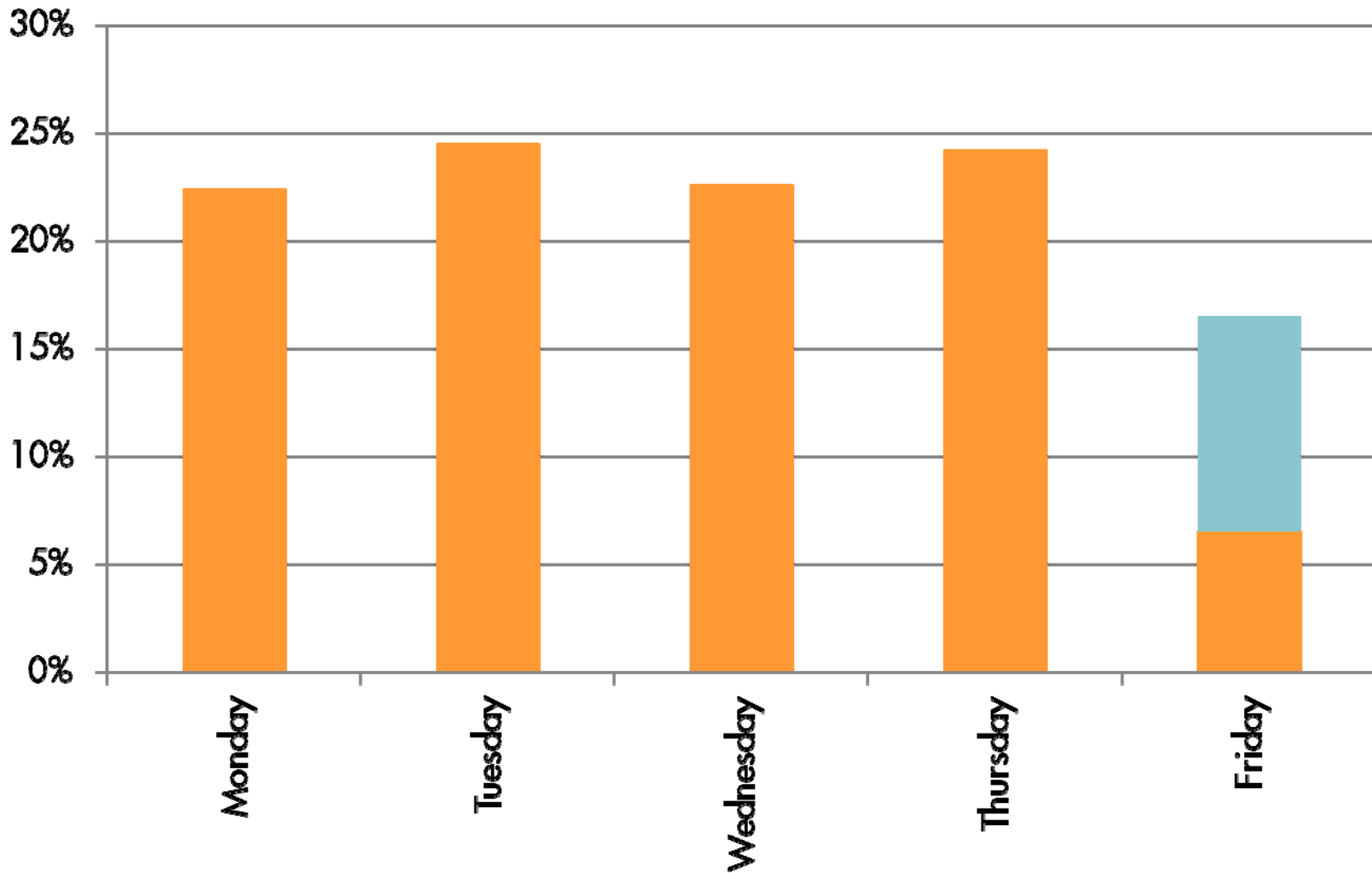
Classroom Analysis: Current Percentage Distribution



Distribution by Percentage



Classroom Analysis: Potential Percentage Distribution



- FTE is anticipated to grow more than 25% by 2020
- Harper currently has a sufficient inventory of general classrooms
- Some classrooms need improvement
- Most classrooms are "smart", well-sized and positioned
- Scheduling may make more space available on the grid

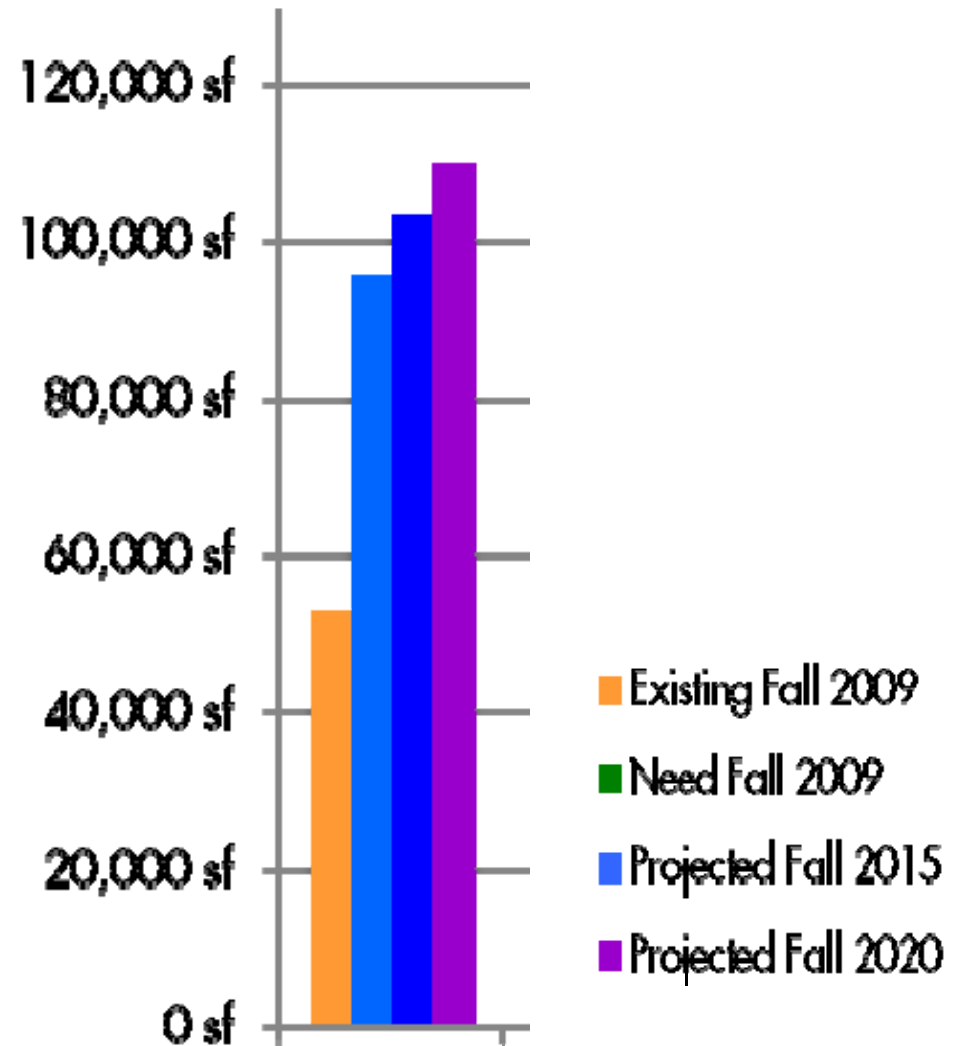
- **Board comments and discussion**

Support Space:

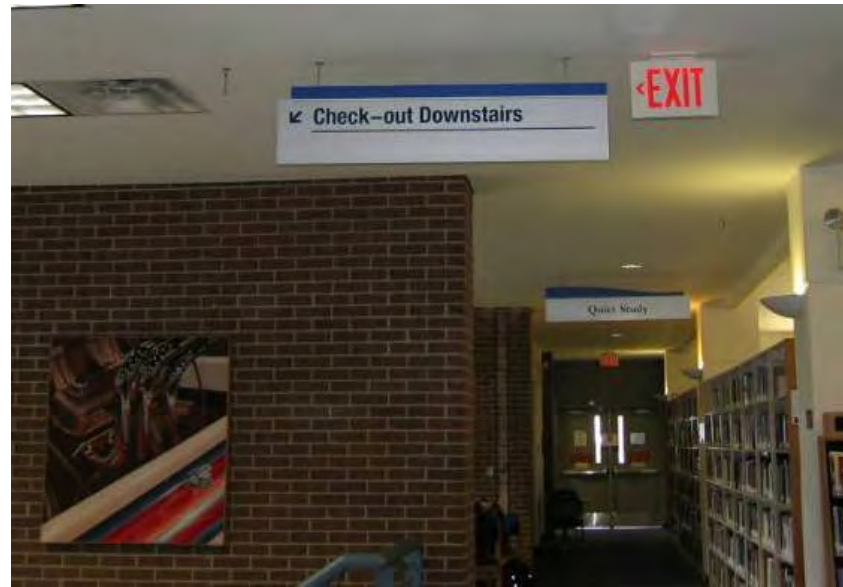
- ☐ Academic Resources (including Library)
- ☐ Technology
- ☐ Assembly & Exhibition
- ☐ Athletics & Wellness
- ☐ Student Activities
- ☐ Child Care
- ☐ Student Services (including tutoring and counseling)
- ☐ Administrative Services
- ☐ Campus Services

Academic Resources:

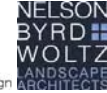
Library
Tutoring Center
Writing Center



The Library

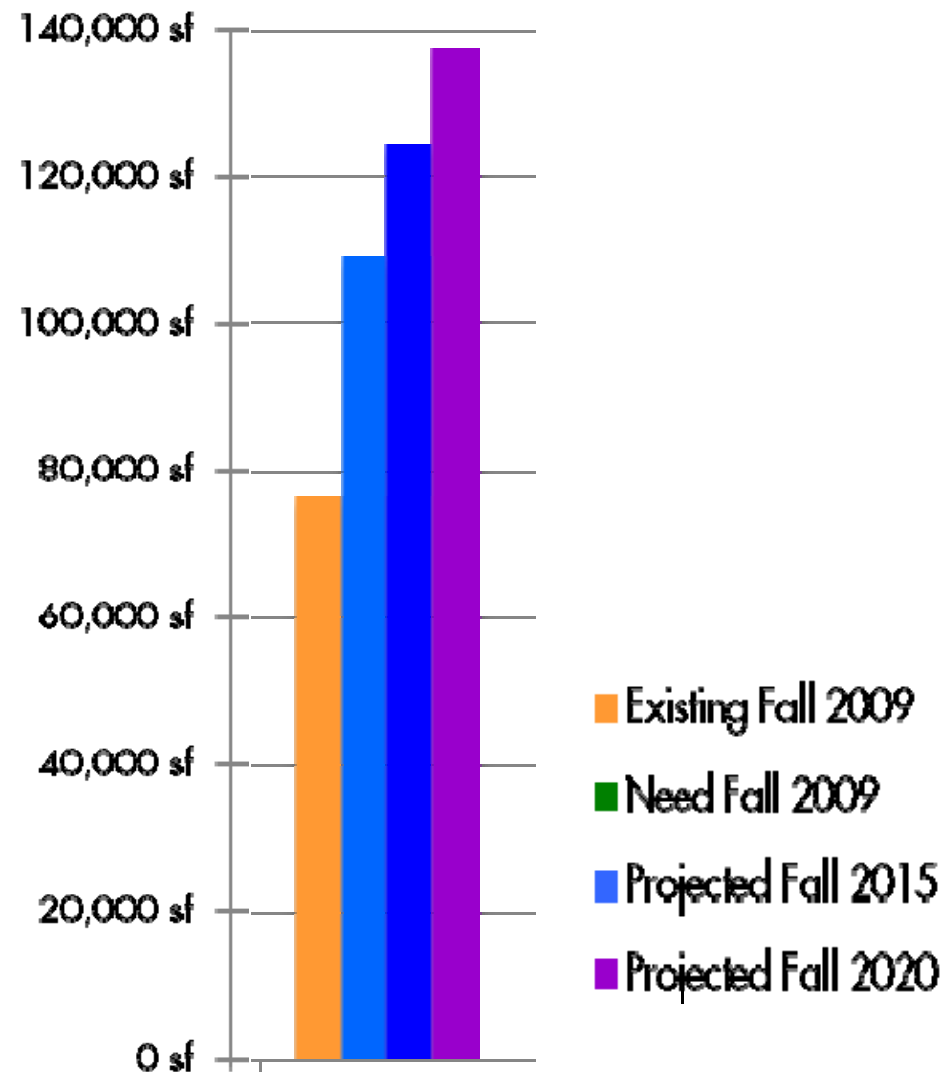


Master Plan Program: Support Space



Student Activities:

Dining
Bookstore
Student Clubs/Organizations
Informal Gathering/Study Space



- Harper's current study space is 4.4% of total NASF per ICCB
 - DuPage 8.9% of total
 - Oakton 6.1% of total
 - Lake County 5.9% of total
- Informal gathering/study space promotes interaction between faculty and students
- Current use of hallways, etc as study space is not conducive to study focus and conflicts with other campus activities

Master Plan Program: Where students currently study



Existing Kitchen and Servery

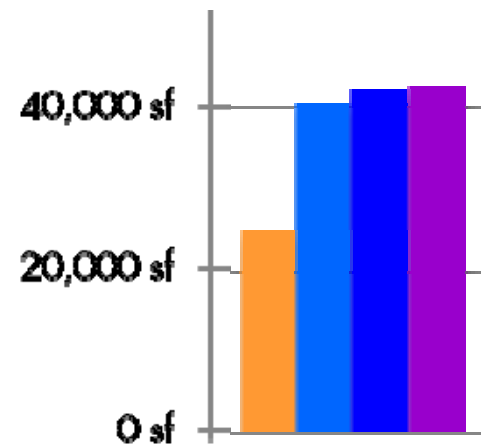


Existing Dining Spaces



Student Services:

Advising & Counseling
Access & Disability
Admissions
Assessment
New Students & Orientation
Health & Psych Services
Scholarships & Financial Aid
Registrar



- Existing Fall 2009
- Need Fall 2009
- Projected Fall 2015
- Projected Fall 2020

Master Plan Program: Current Student Services spaces



- Support areas to be right-sized as well as to grow to 2020
- Current facilities overcrowded, dispersed in many locations
- Critical areas:
 - Academic Resources: *Library, Writing Center, Tutoring*
 - Student Activities: *Dining, Student Organizations, Study Space*
 - Student Services: *Orientation, Admissions, Advising & Counseling*

- **Board comments and discussion**

- **Is the first impression dominated by parking?**
- **Are traffic patterns functional and effective?**
- **Do first-time visitors know where to go on campus?**
- **Are there effective provisions for bus stops and drop-off?**

Site Issues: Campus Entrances



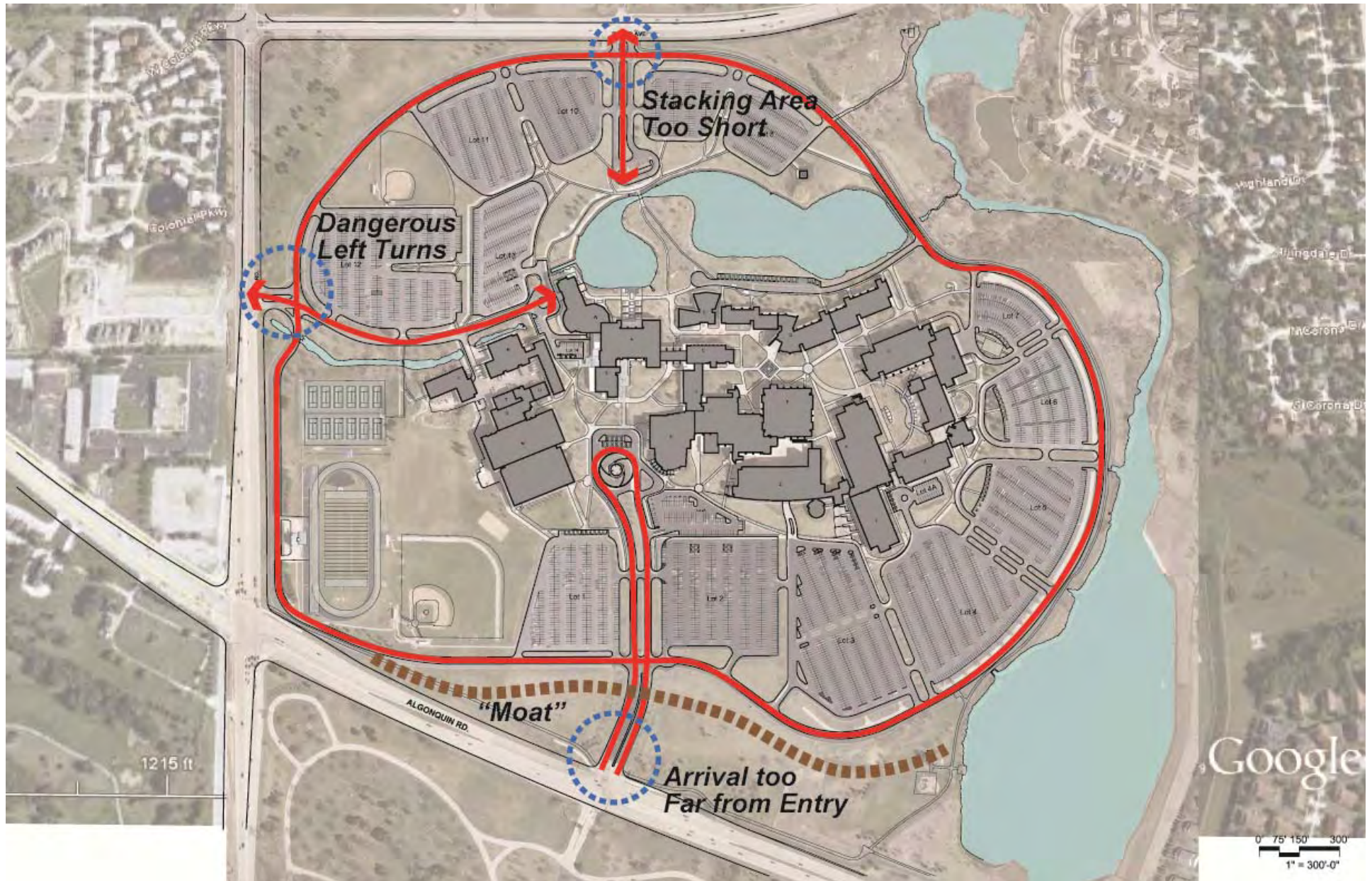
Site Issues: Campus Entrances



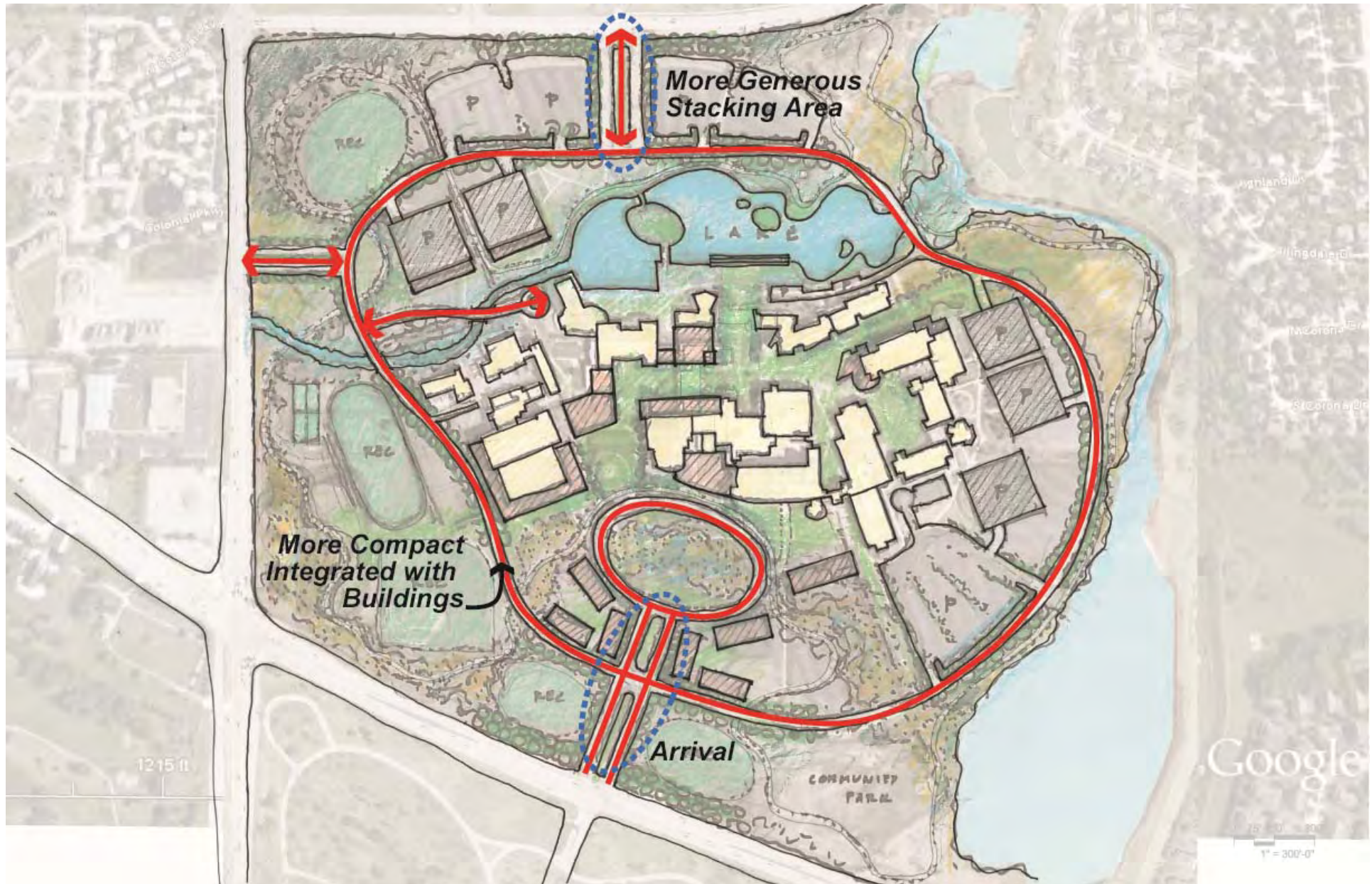
Site Issues: Campus Entrances



Site Circulation – Existing Problems



Site Circulation – New Ring Road



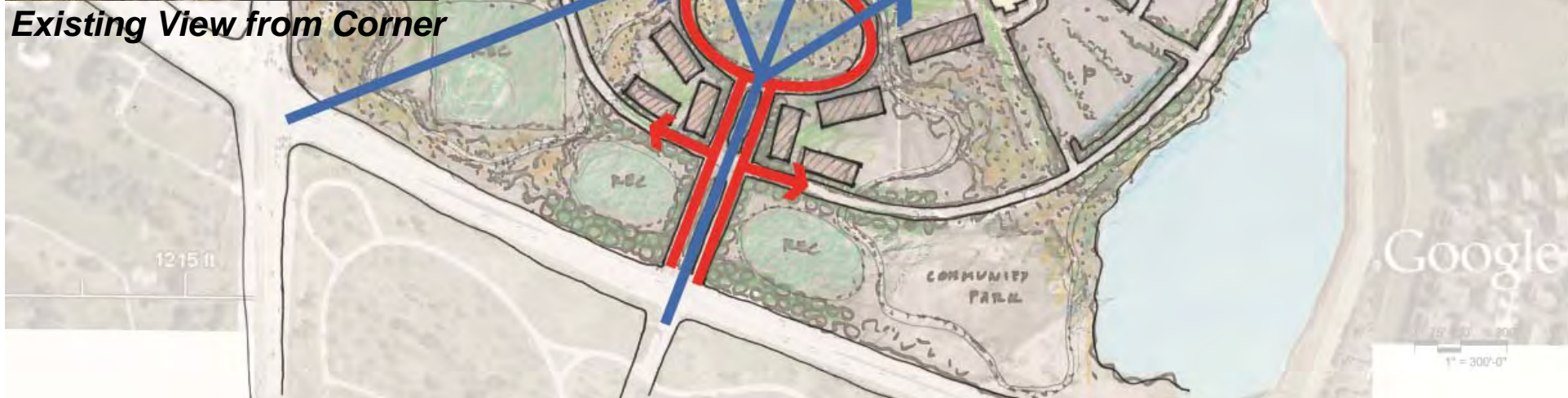
Views



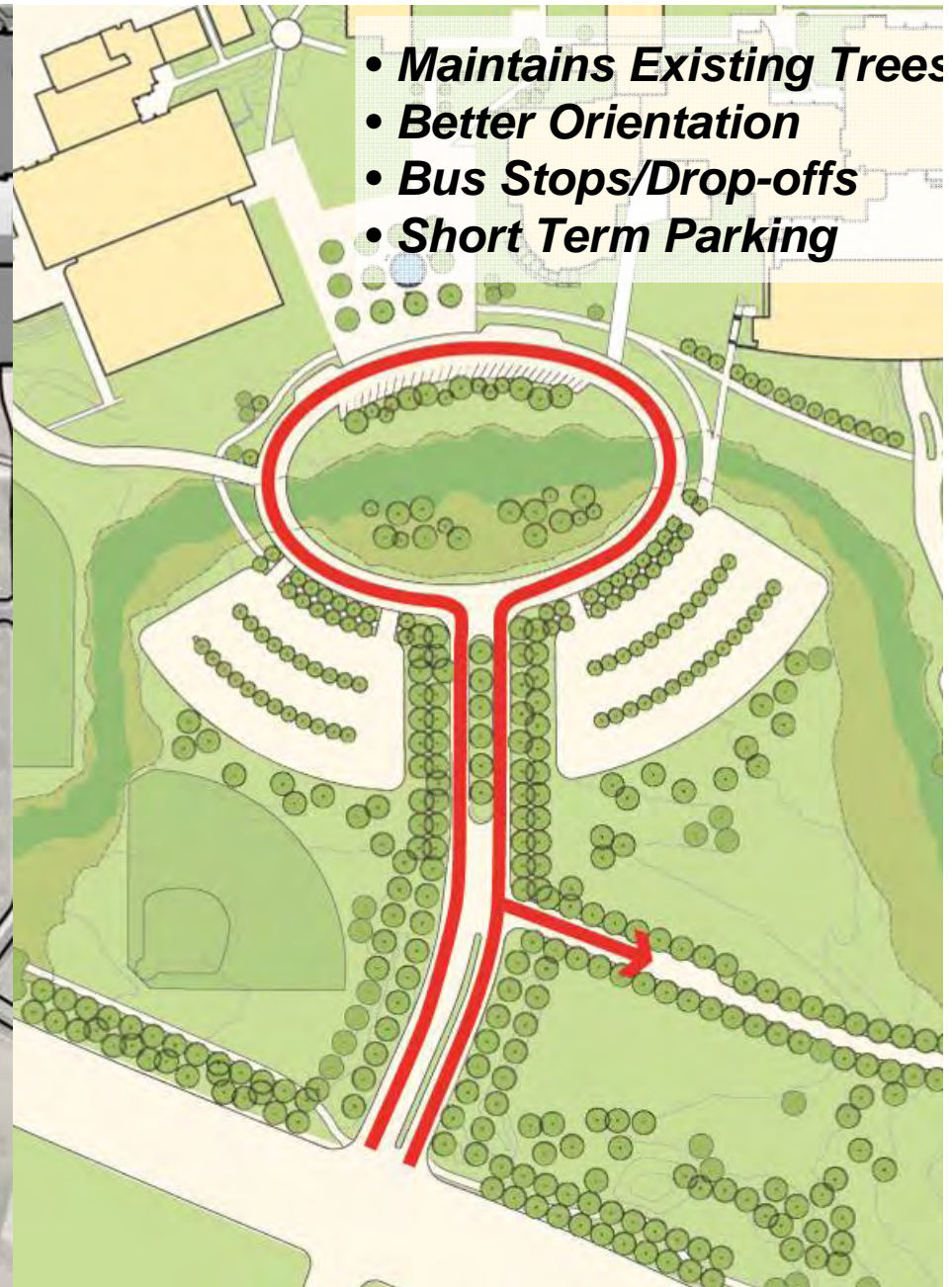
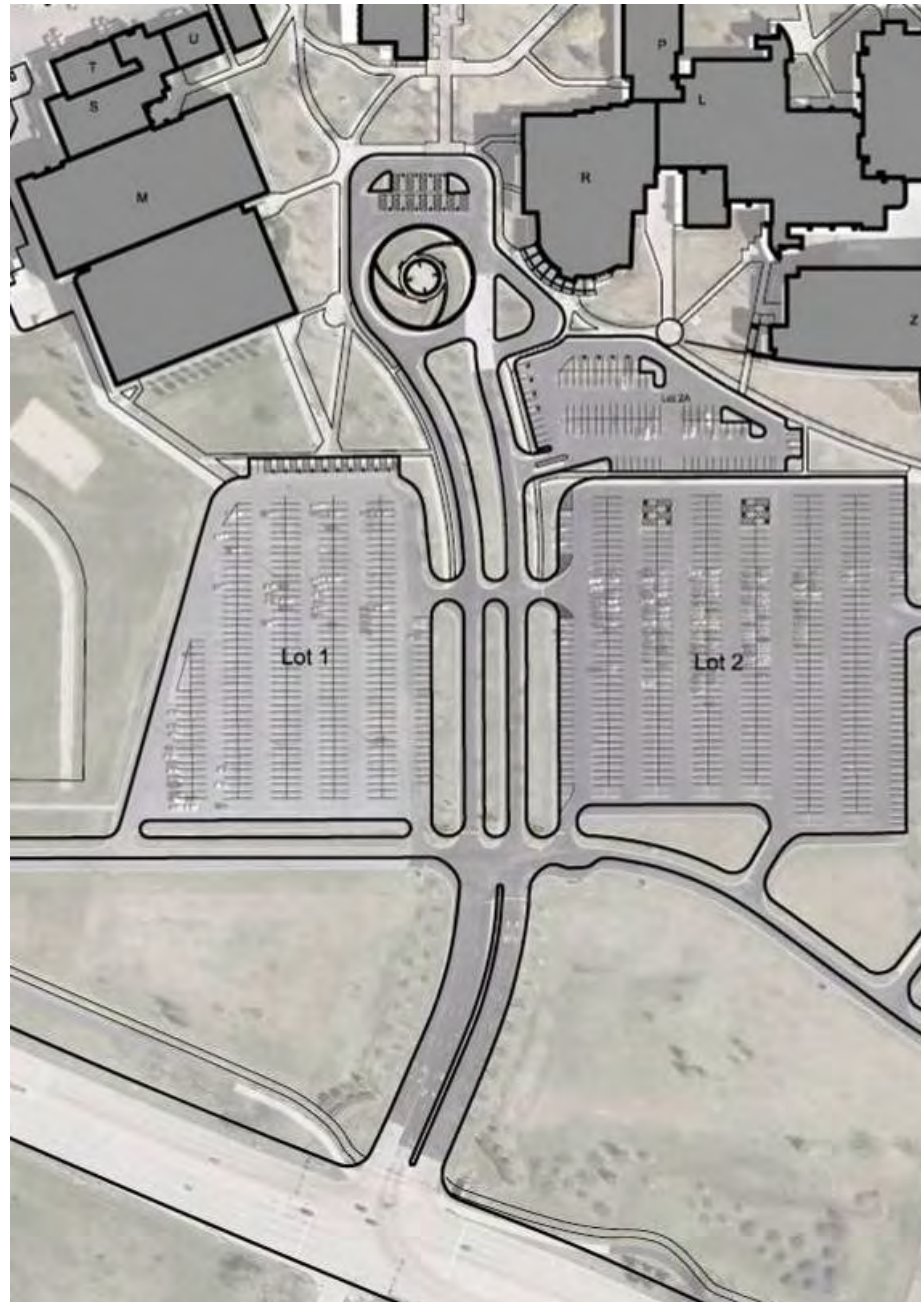
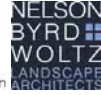
Existing Arrival View



Existing View from Corner

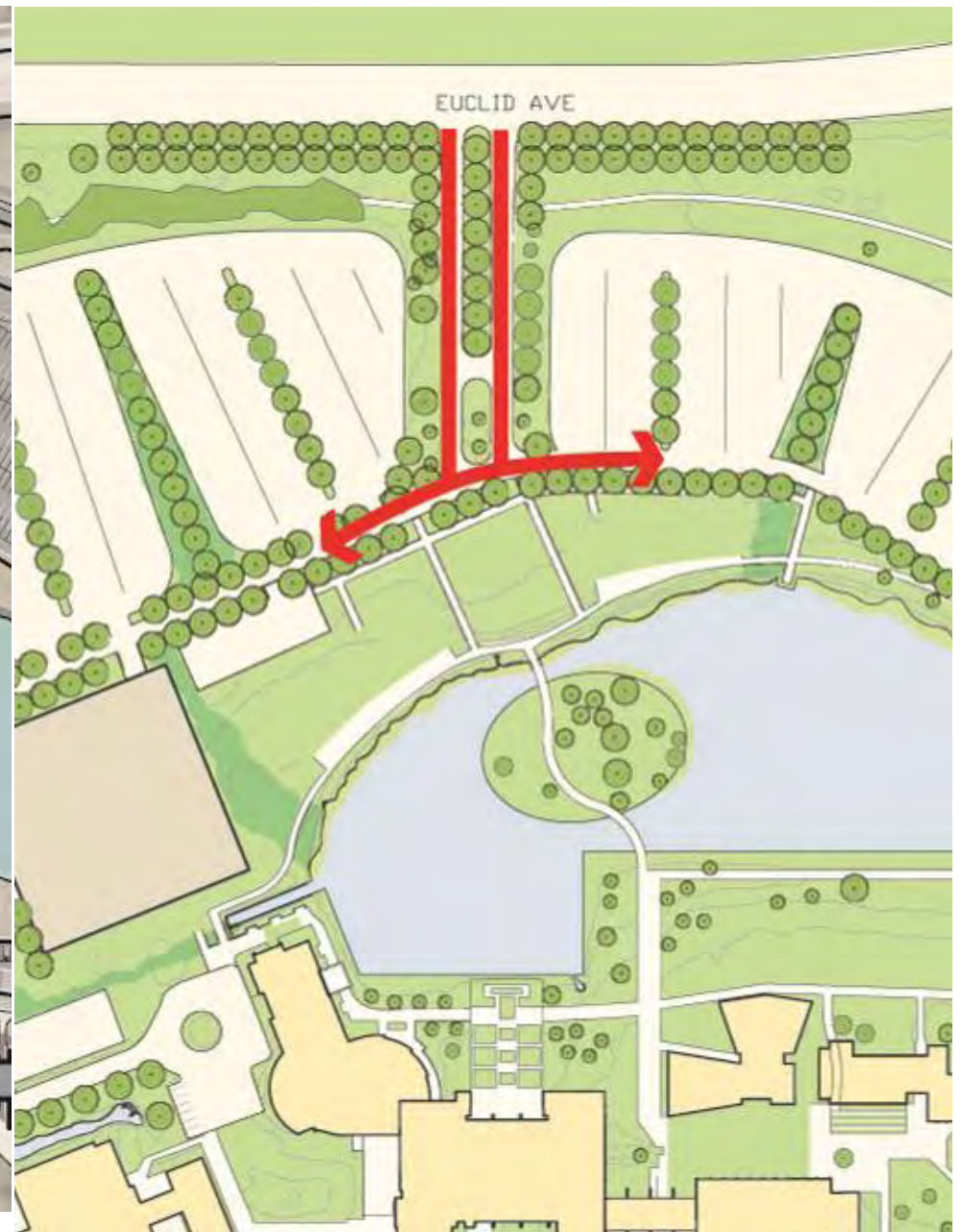
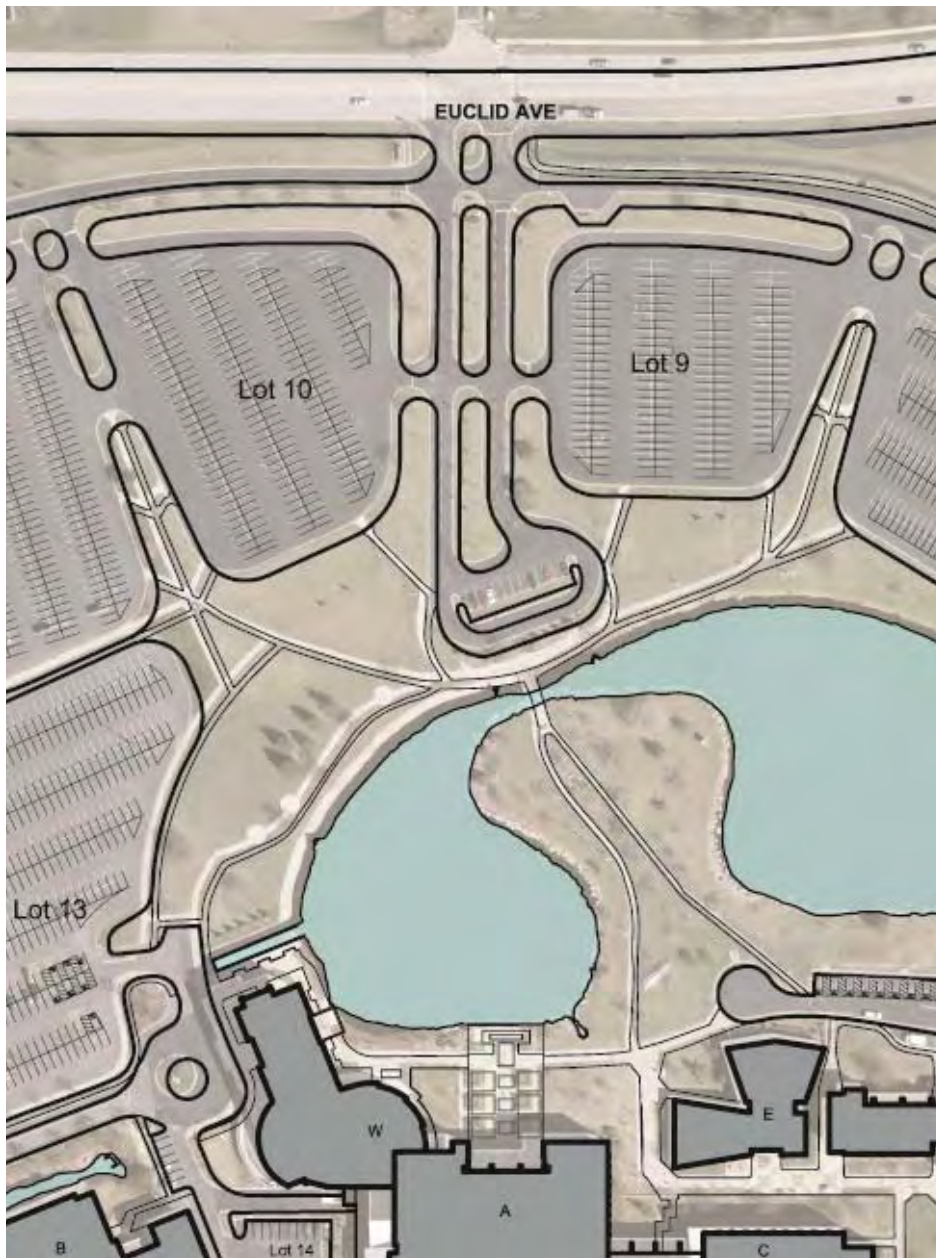


Sense of Arrival: Algonquin entrance

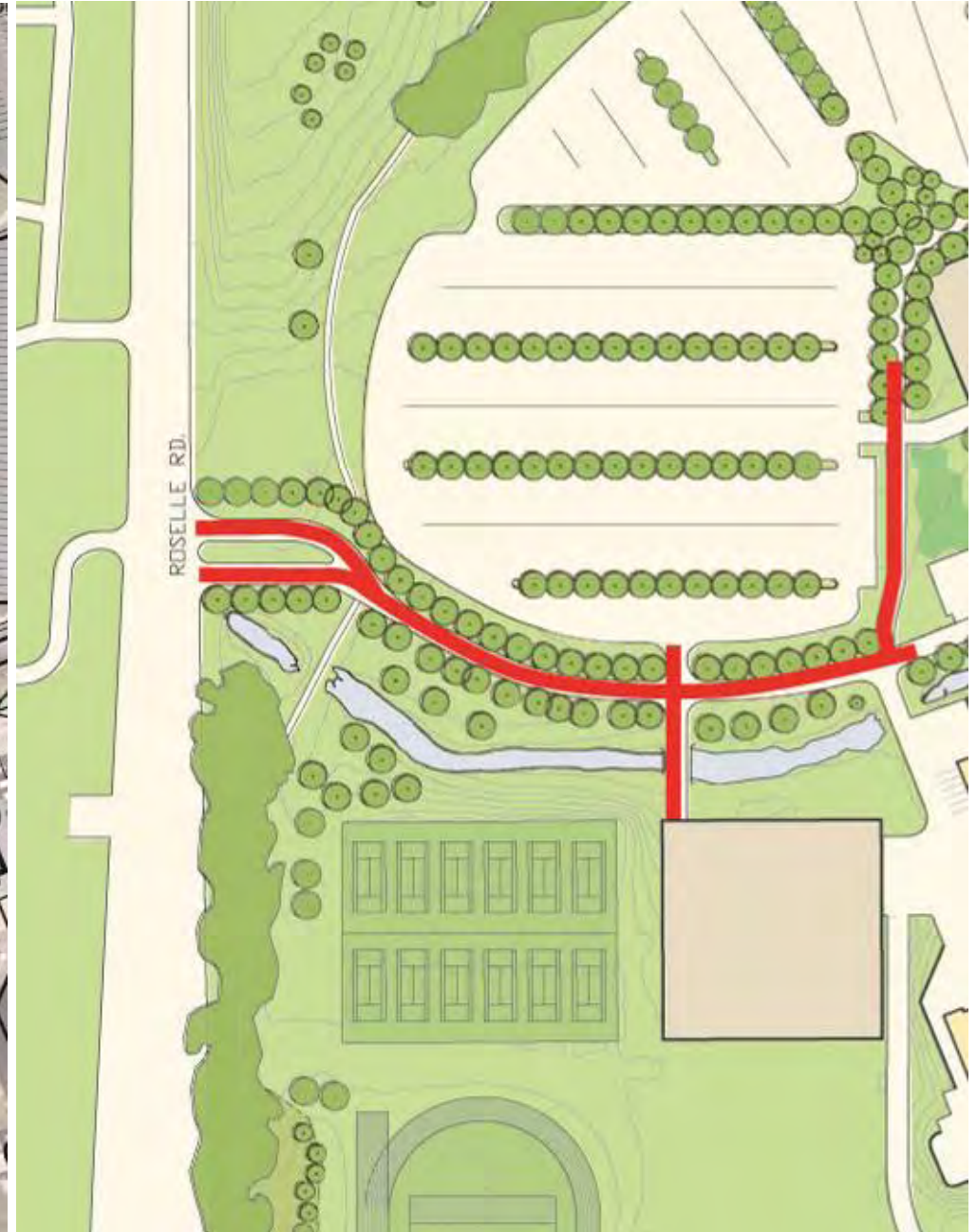


- ***Maintains Existing Trees***
- ***Better Orientation***
- ***Bus Stops/Drop-offs***
- ***Short Term Parking***

Sense of Arrival: Euclid entrance



Sense of Arrival: Roselle entrance



Site Issues: Campus Entrances



- Entrances can be made safer and more efficient
- Algonquin “front door” can be made more inviting, functional

More immediate sense of arrival, better orientation

More gracious, welcoming

Bus stops, drop-off areas

Short term parking for first time visitors

- **Board comments and discussion**

Site Issues: Parking



Current number of main campus parking spaces 4802

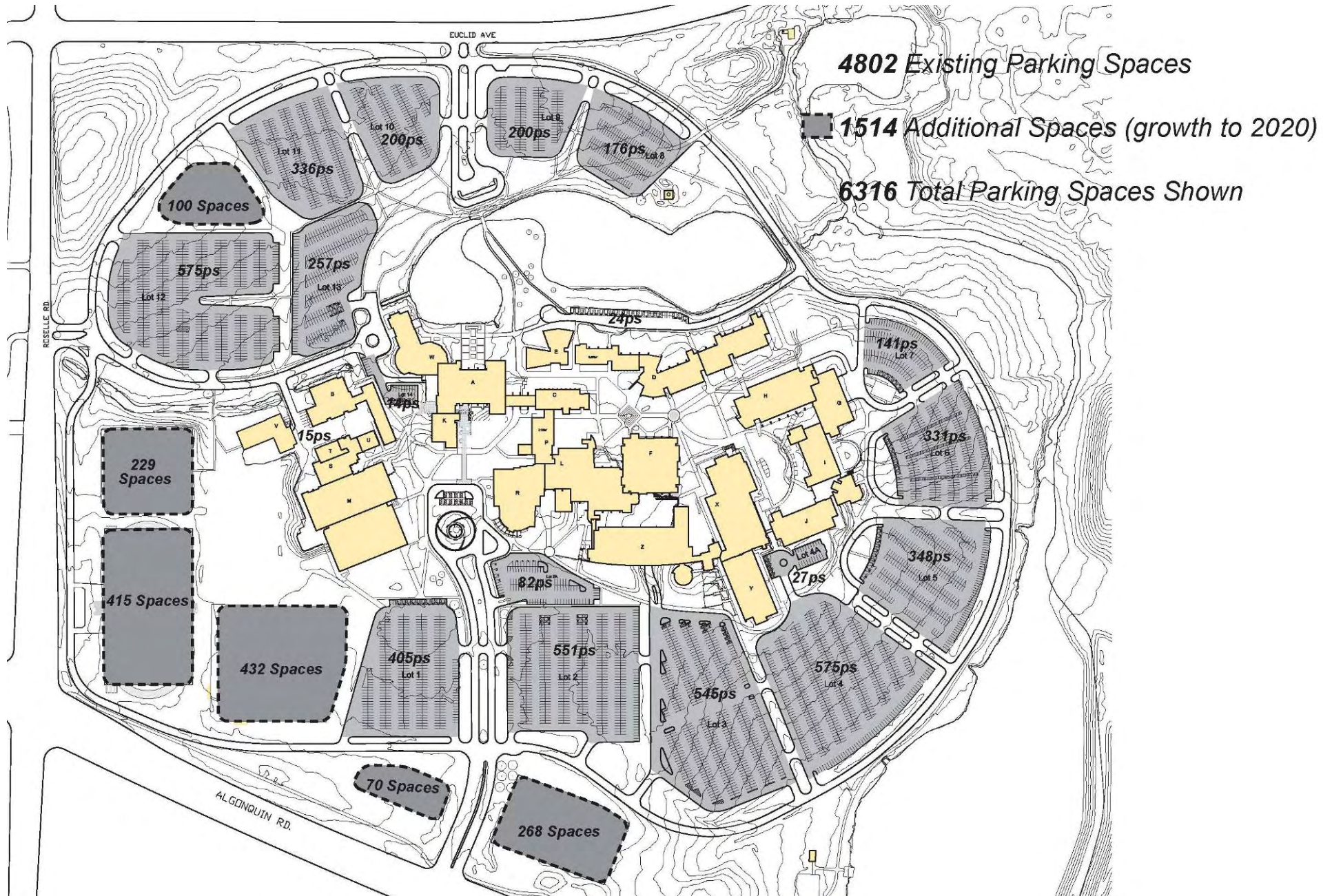
Additional spaces based on FTE growth to 2020 +1514

Total parking space demand for 2020 6316

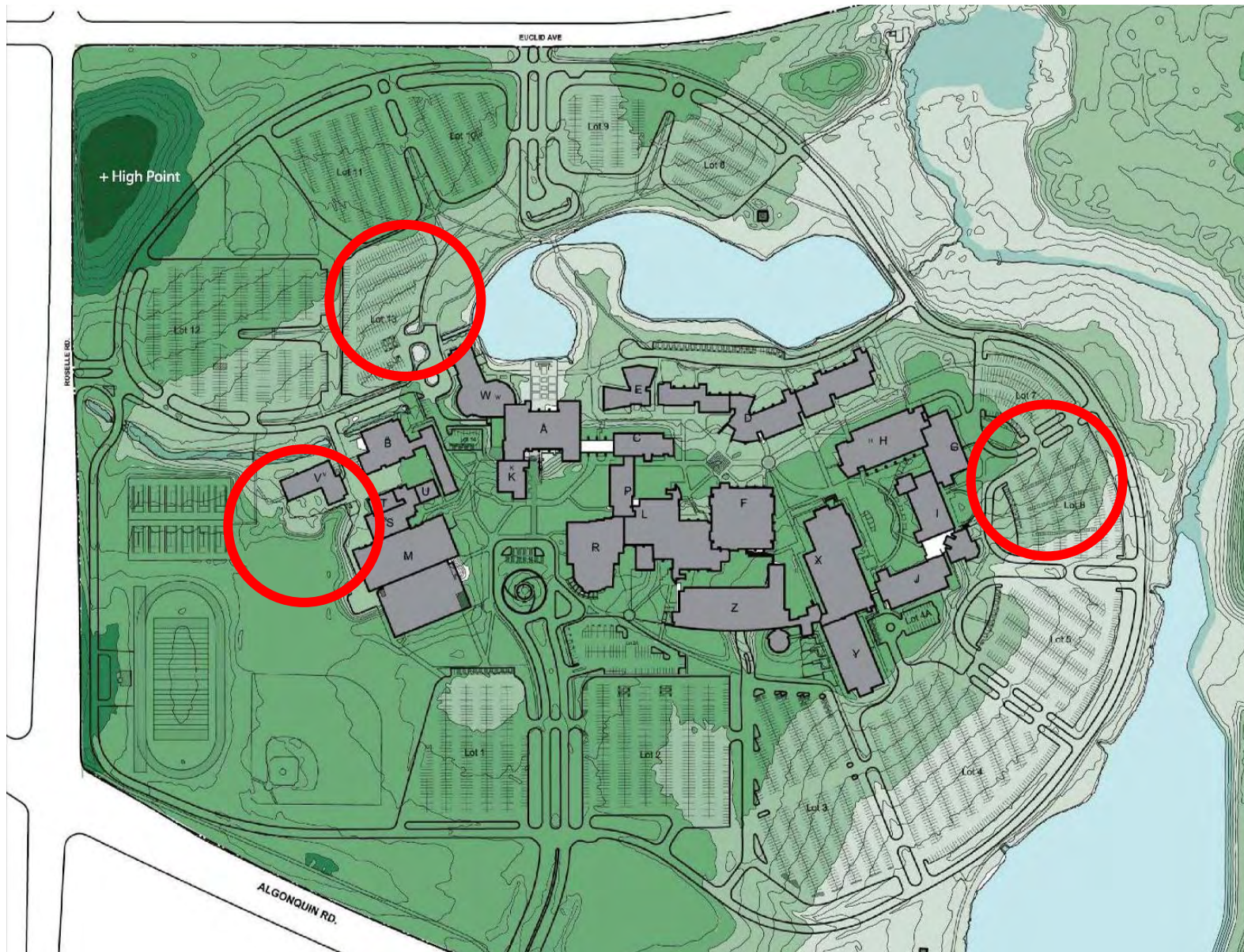
Assumptions:

**Parking ratio remains the same for 2020 as for 2009
(Parking spaces/FTE = 46%; national ratio for CC's 46%-56%)
Does not include potential increased use of public transit
Does not include parking management strategies
(managed carpooling, etc)**

Graywood Design



Topography – best locations for Parking Structures



Potential Surface Parking Lot Reductions

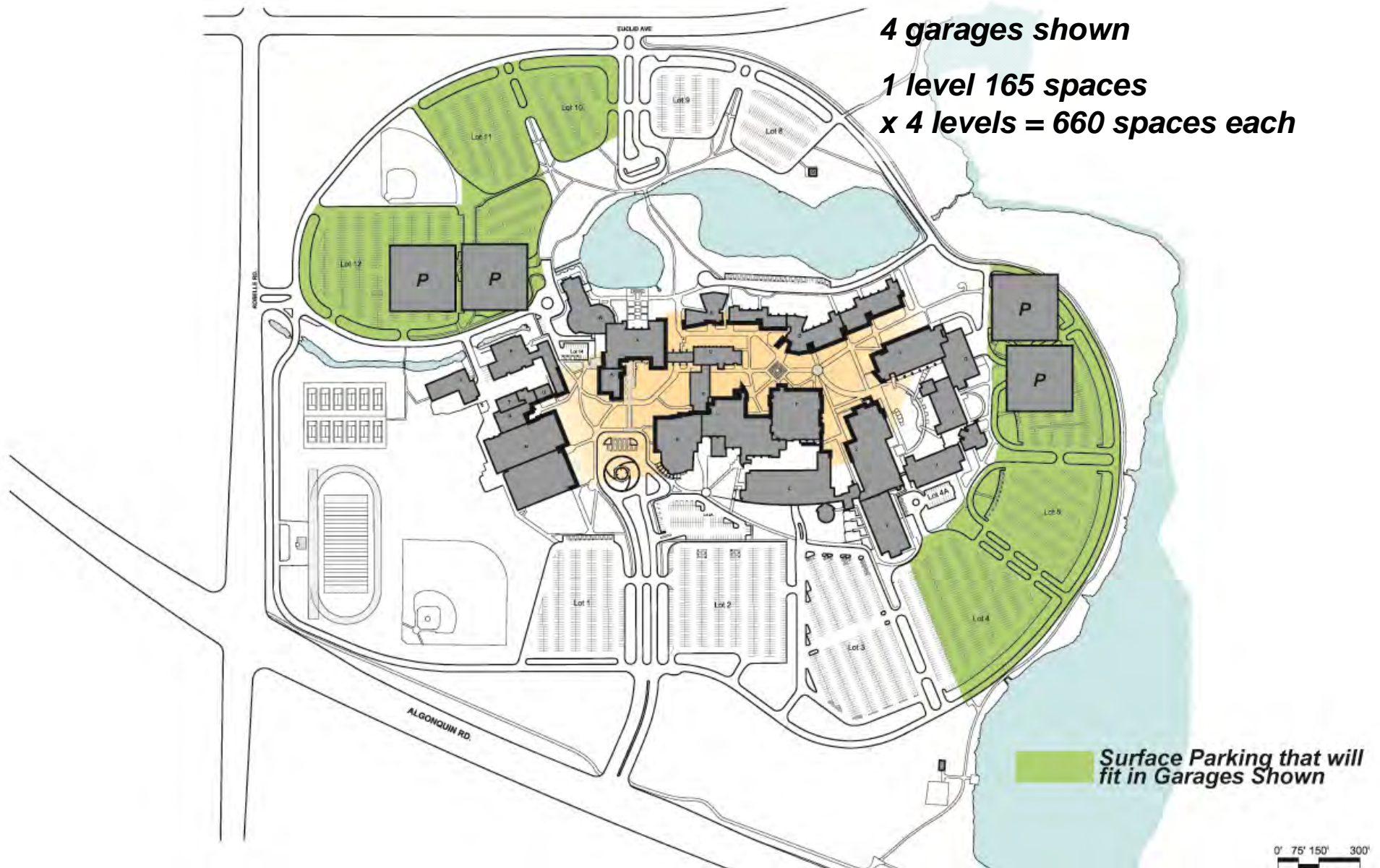


4802 Existing Spots on Campus

4 garages shown

1 level 165 spaces

x 4 levels = 660 spaces each



Graywood Design

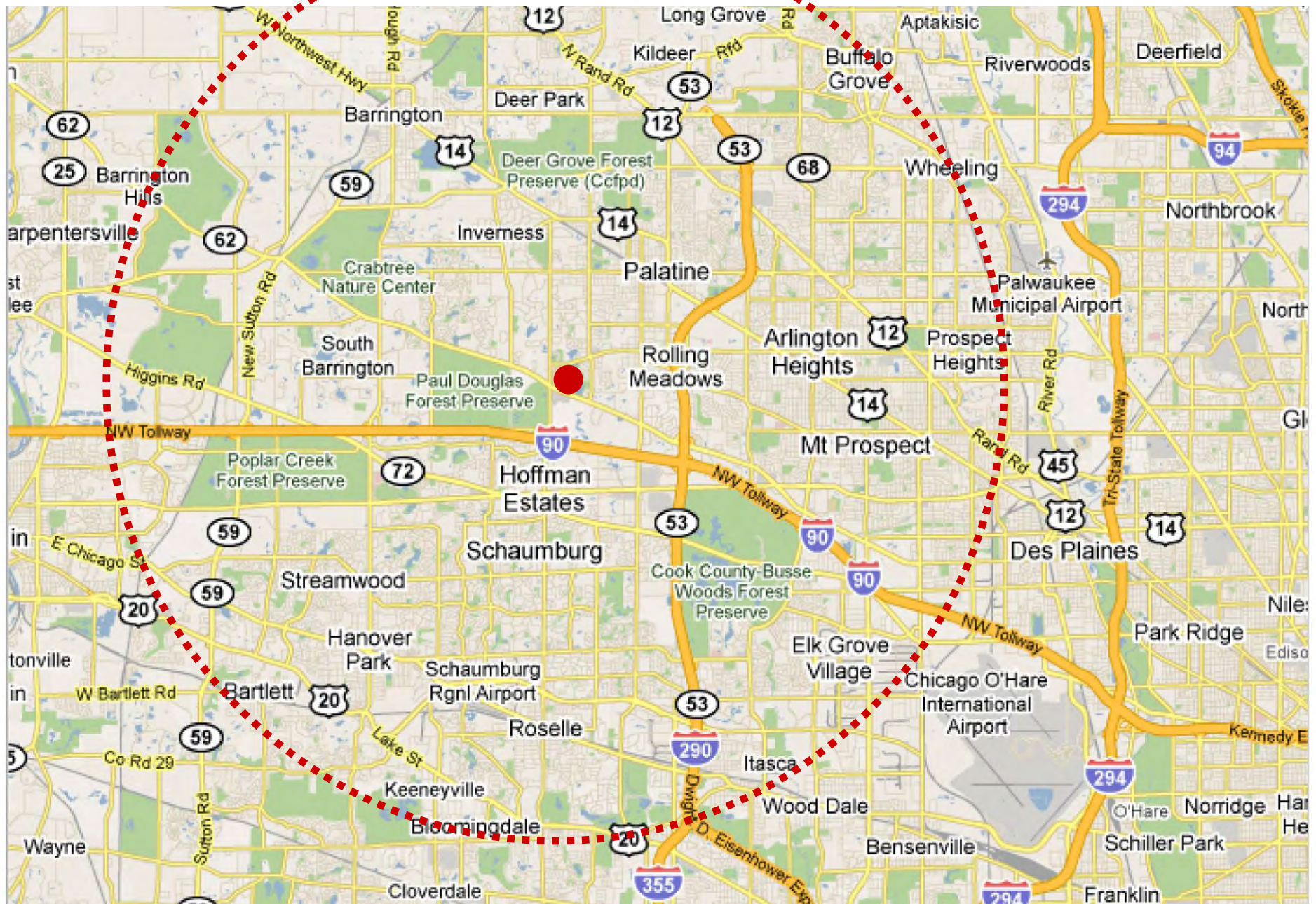


- **Parking poses a considerable demand on campus land area**
- **Parking structures are more sustainable**
- **Parking structures were included in 2000 Master Plan**
- **“Greening” surface parking helps shade paving and people**

- **Board comments and discussion**

- **Campus is part of a great network of green open space**
 - **Water on campus is part of the Salt Creek watershed**
 - **Sustainable practices can reduce operational costs in the future**
 - **Harper is now signatory to ACUPCC**
- (American College & University Presidents' Climate Commitment)**

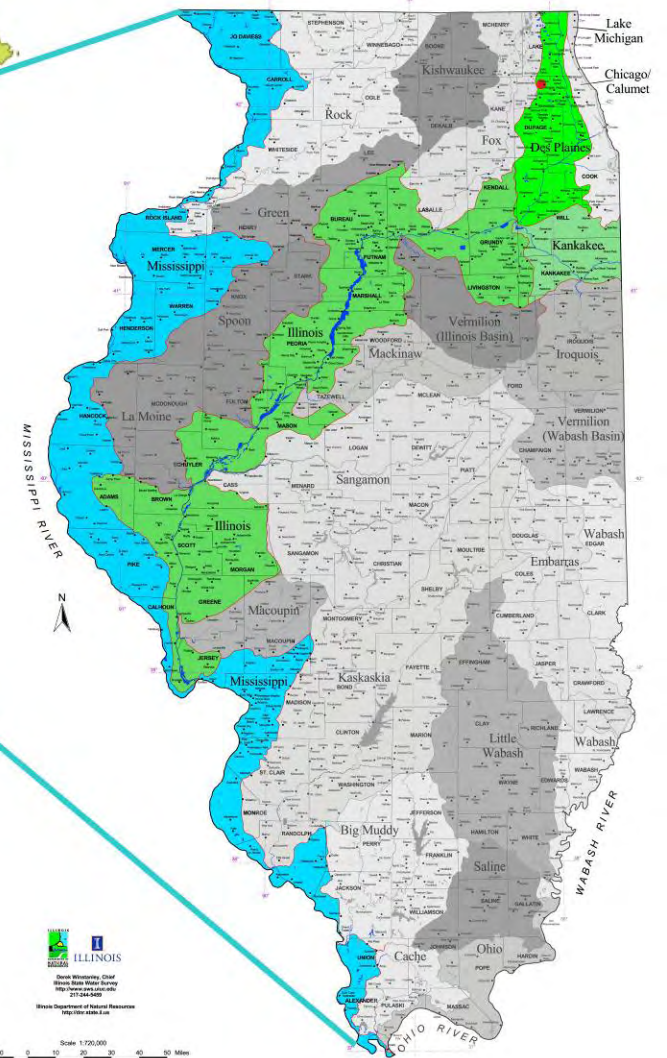
Surrounding Nature



Watershed



Mississippi River Watershed

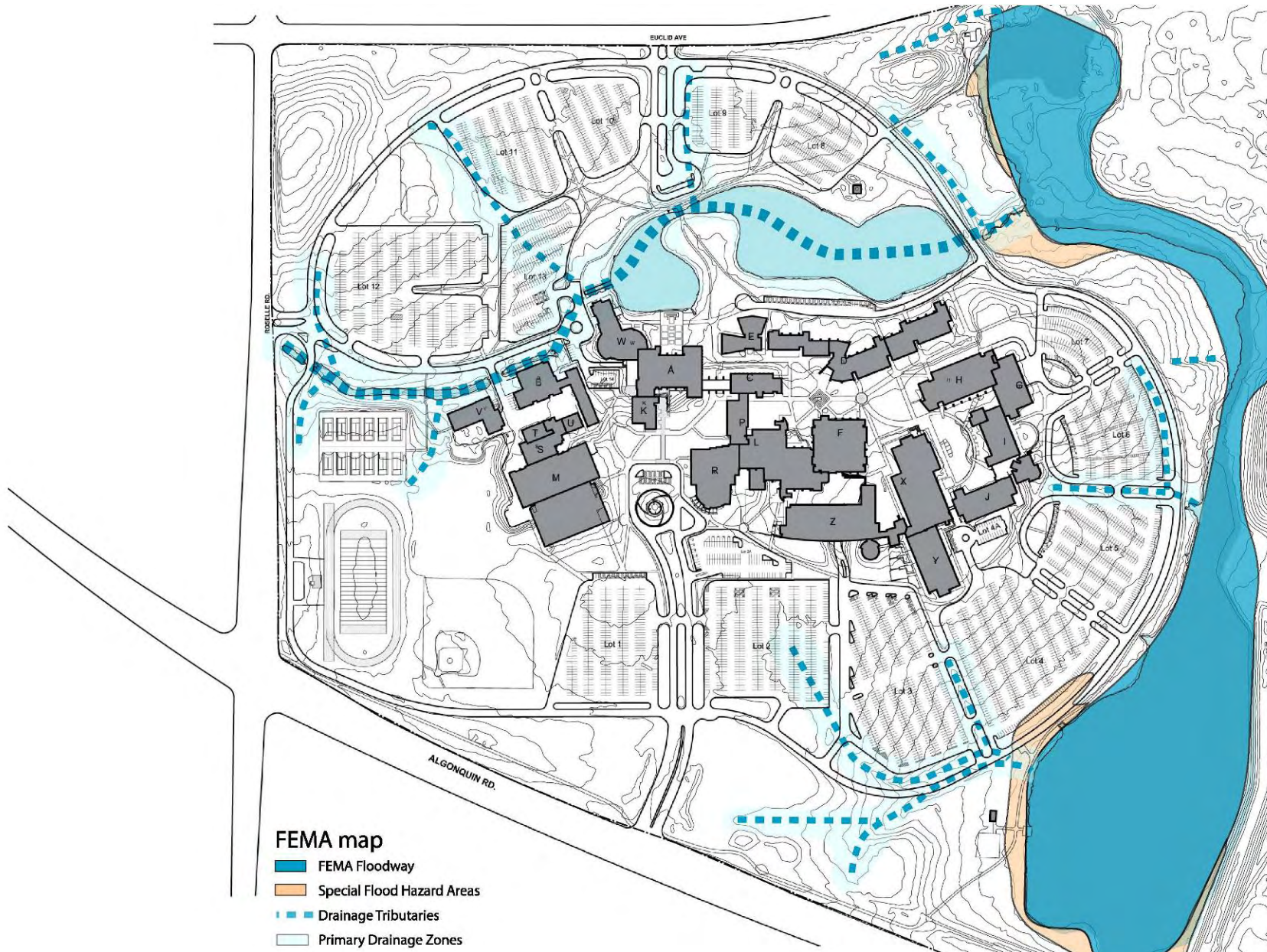


Illinois River Watershed

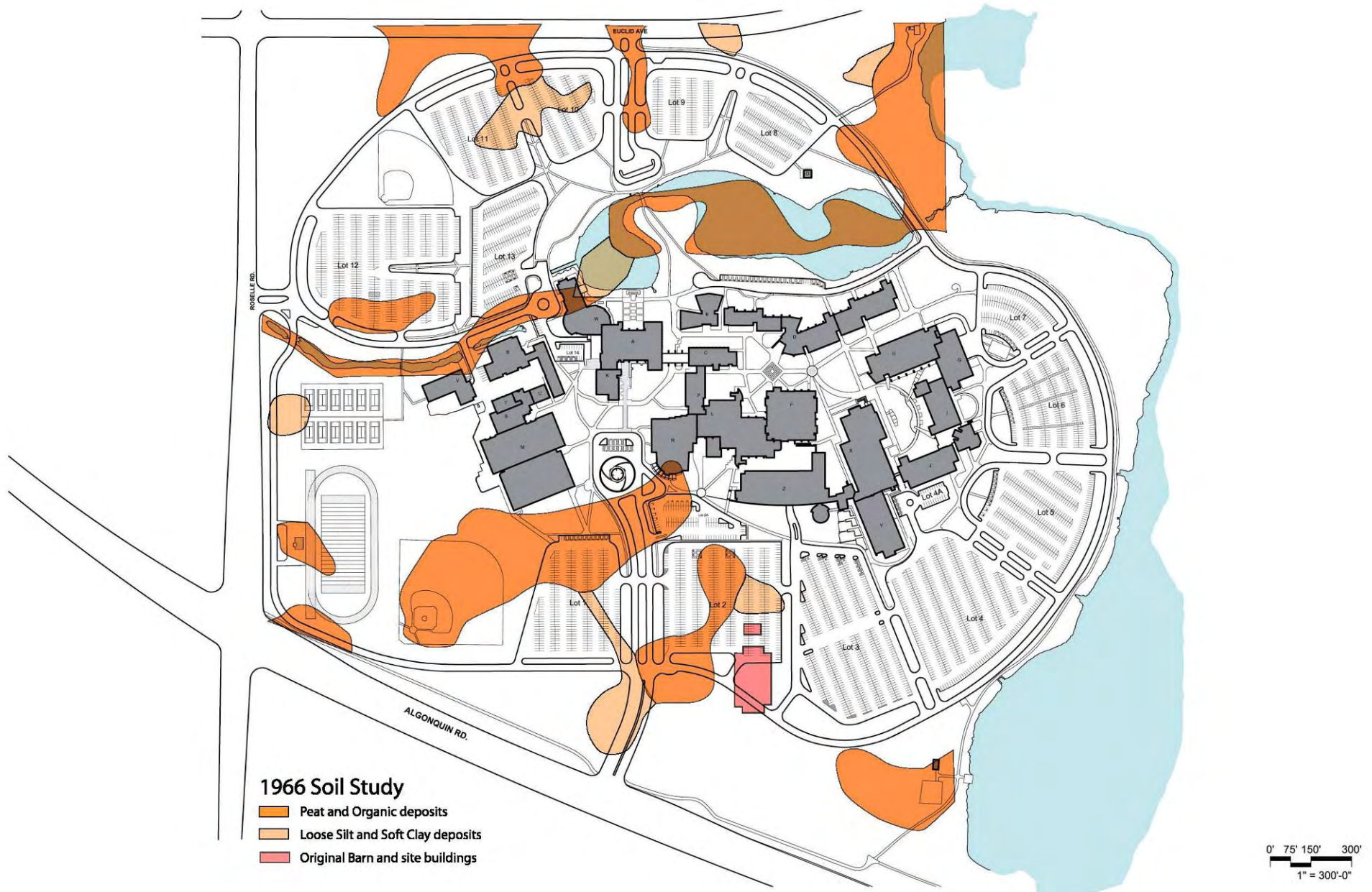
Floodway



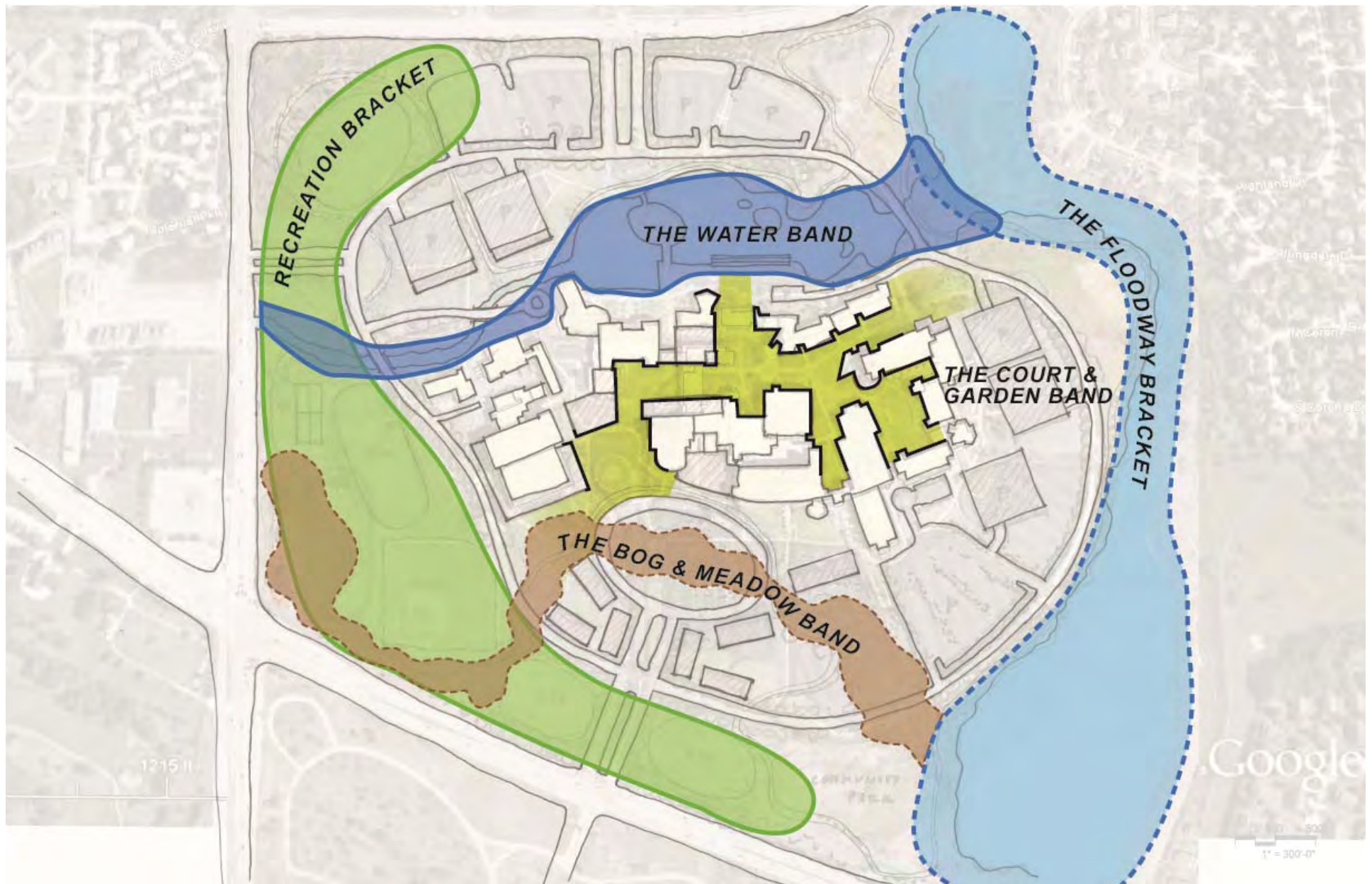
NELSON
BYRD
WOLTZ
LANDSCAPE
ARCHITECTS



Soil Study



Overall Campus - Landscape Layers



Many ways in which the campus can become more sustainable:

- Reduce carbon footprint (ACUPCC): energy, transportation
- Improve stormwater quality (new regulations may require this)
- Mitigate heat island effect (paving reflects heat - global warming)
- Enhance habitat links and native vegetation
- Implement LEED for new buildings and renovations

- **Board comments and discussion**

Board Workshop in September

- **Respond to Board input from August Workshop**
- **Building Expansion and Renovation Concepts**
- **Phasing, Costs**