



# California State Polytechnic University, Pomona

## Fall Conference Presentation

### Master Plan Introduction

Fall Conference, 18 September 2017



# **AGENDA**

- 1. Introduction to the Master Planning Team**
- 2. Process + Approach**
- 3. Goals + Priorities**
- 4. Campus Engagement**
- 5. Proposed Timeline**
- 6. Q & A + Taste of the Master Plan**

## FOUNDED

1912

## STAFF

160 75%

Professional  
Staff Members

of our Staff  
Members are LEED  
Accredited

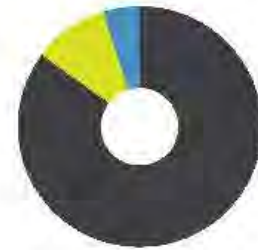
## SPECIALIZATIONS

Architecture  
Interior Design  
Campus Planning  
Urban Design  
Landscape Architecture  
Space Programming  
Website & Graphic Design Accessibility  
Communications  
Workshop Facilitation

## PHILOSOPHY

*"We engage people  
and places to create  
designs that enrich  
the world."*

## CLIENTELE



100%

of our work is for  
mission driven clients

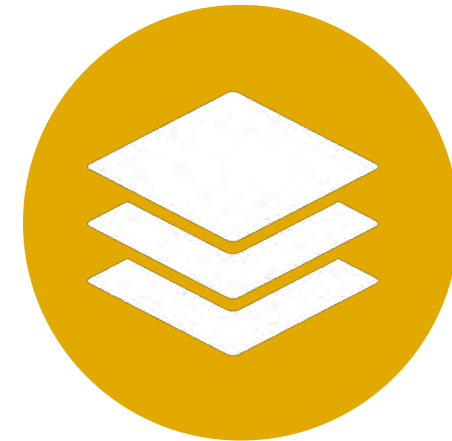
85%  
is for higher  
education

10%  
is for cultural  
institutions

5%  
is for K-12  
and private  
sector

## AREAS OF EXPERTISE

Open Space Planning  
Sustainability Planning  
Precinct Planning  
Athletic / Recreational Planning  
Residence Life Planning  
Facility Assessments  
New Program Development  
Design Guidelines  
Space Needs Analysis  
Classroom and Laboratory Utilization  
Classroom Mix Analysis  
Pre-Architectural Program Planning  
Comparative Analysis / Benchmarking  
Space Guideline Establishment  
Space Reallocation / Migration  
Educational Adequacy Assessment  
Inventory Development



200+  
completed  
unique master  
plans in the last  
+25 years





# Team

# Ayers Saint Gross Master Planning

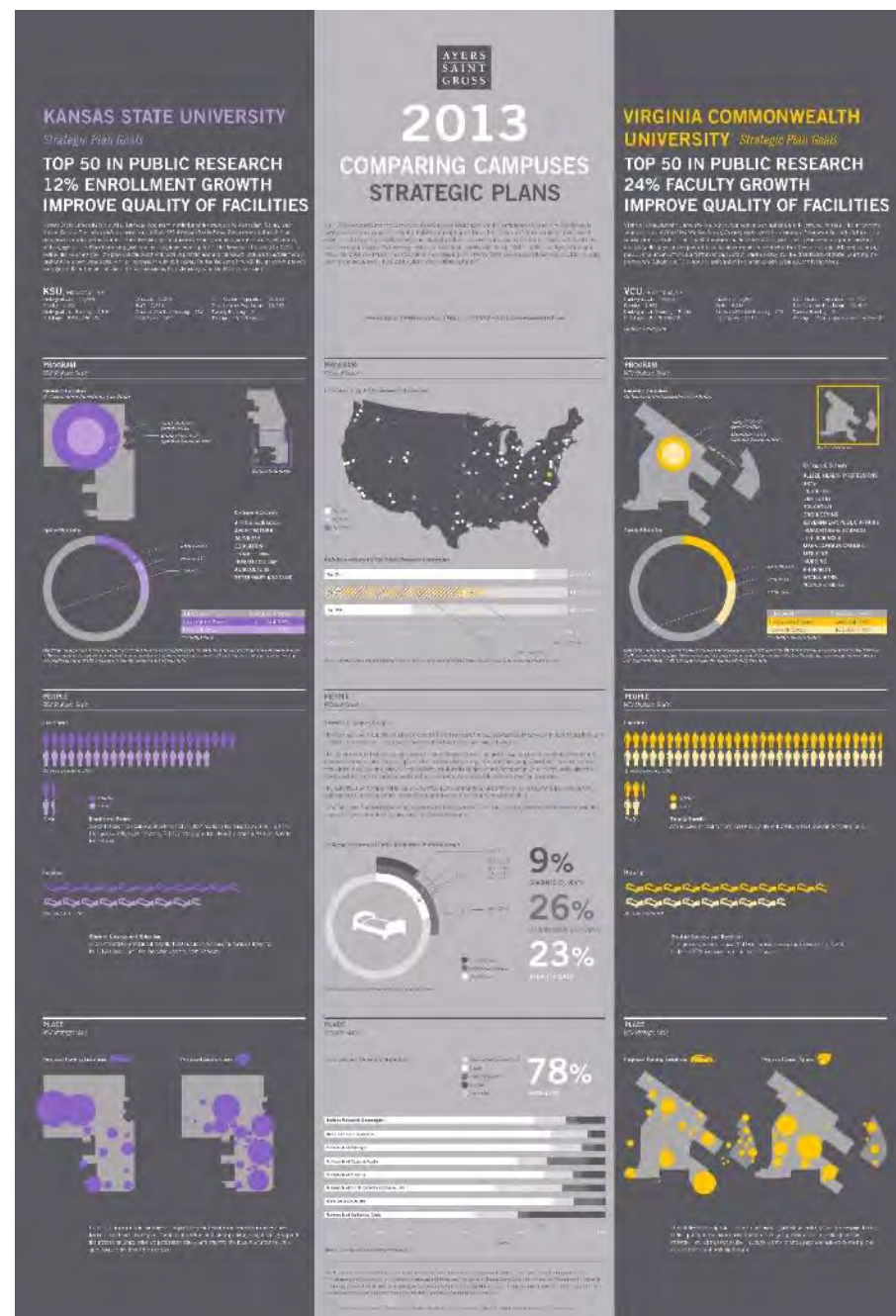
## Workshop-Based

Process structure around intensive campus engagement



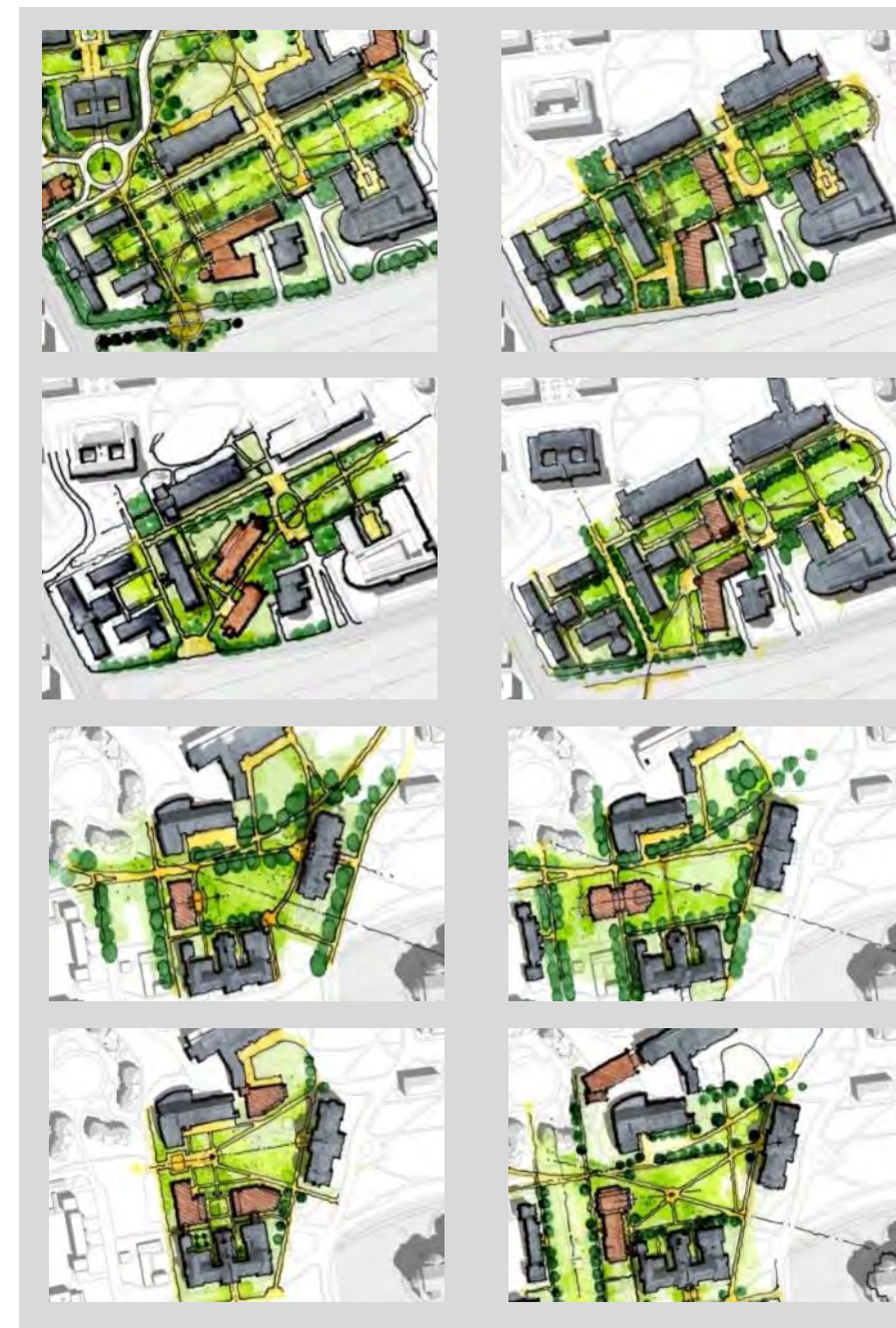
## Research-Informed

Active research on higher education trends since 1998



## Scenario-Tested

Campus Capacities explored via multiple development scenarios





## PLANNING PHILOSOPHY

- **Fact + Research based**
- **Supports Informed Decision Making**
- **Educational in process, vocabulary**
- **Narrative shapes the Vision**
- **Establish a foundation for change if change is desired**
- **Iterative** using analysis and planning to advance the plan and **build consensus**
- **Unique to Cal Poly Pomona's mission, vision, culture and strategic plan**
- **Engaging + Inclusive**





# AGENDA

## **1. Process + Approach**

- Why master plan?
- Relationship to 2000 Master Plan + 2012 Plan Update
- Strategic Planning Initiative – Master Plan Nexus



One of three planning tools:

## What?

**Strategic Plan** establishes direction and need/growth

## Where?

**Master Plan** guides the physical development to support direction and meet need/growth

## How?

**Financial Plan** facilitates implementation of these plans





## A master plan

- Creates a vision for the future which supports the mission
- Raises aspirations + quality of campus to attract/retain the best
- Guides growth + development over time, supporting resilience
- Result is a roadmap + tools for implementation
- Establishes a basis for informed decision making going forward
- Strengthens relationships with the community



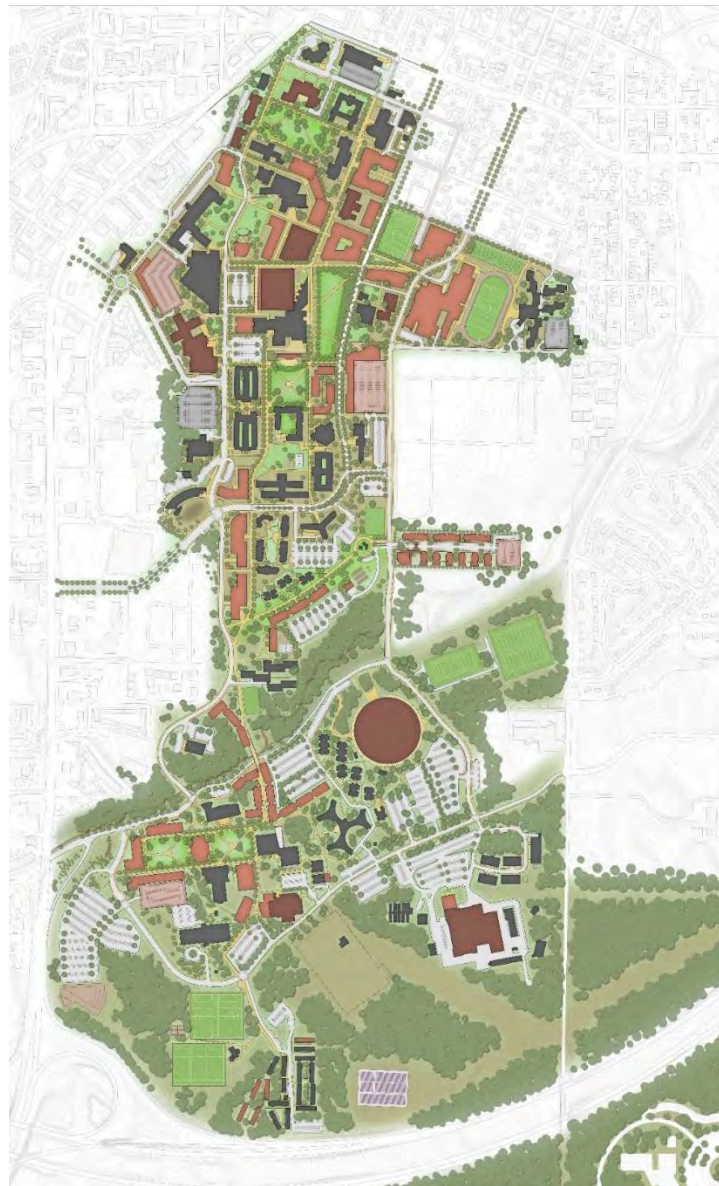


approach

# Planning is changing

## Traditional Master Plan

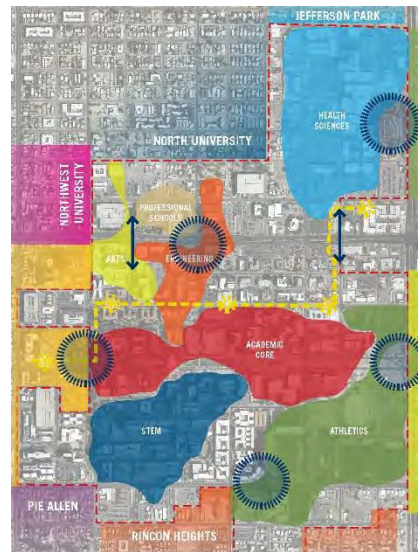
*physical, technical, implementation-focused  
steered by committees toward consensus  
map + reports to guide implementation*



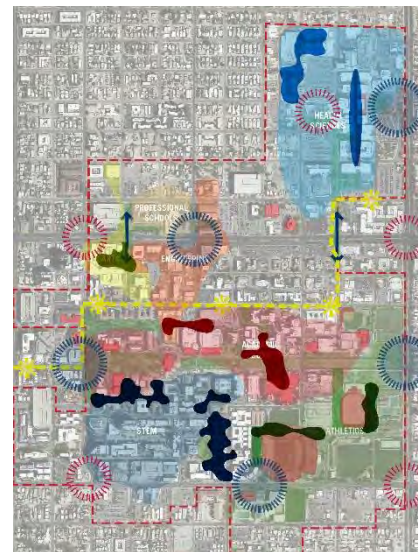
## Strategic Master Plan

*high level, broad, capacity-oriented  
leadership drives toward consensus  
narrative, diagrammatic – specific plans follow*

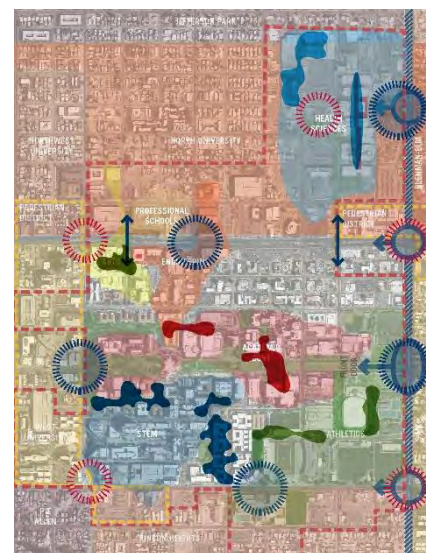
ENGAGING



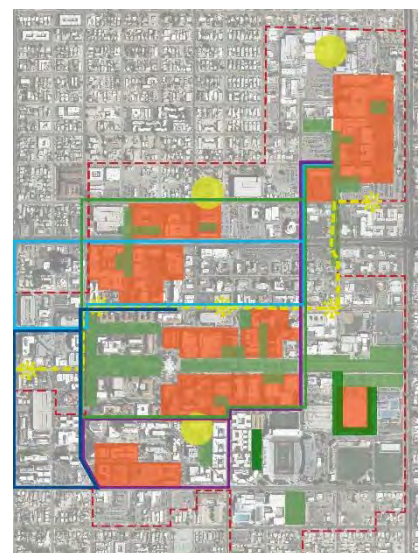
INNOVATING



PARTNERING



SYNERGY

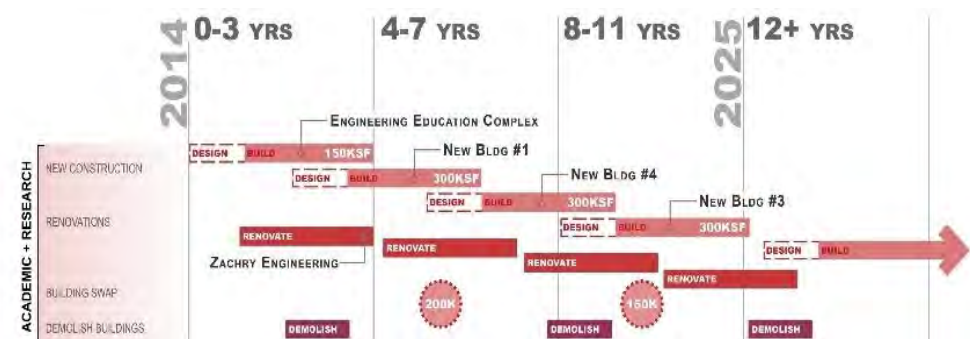


## Visioning Charrettes (*process, no plan*)

*more immediate focus, priorities/needs-oriented  
highly participatory w/top-down decision-making  
To-Do list w/ action plans/diagrams*



Cal Poly Pomona



Capital Improvement Plan



# approach: Cal Poly Master Plans



## 2000 Campus Master Plan

- 1) excellence in teaching, learning
- 2) effective acquisition, planning, management of resources
- 3) promote research, scholarly, professional, creative activities
- 4) enhance support for students
- 5) improve campus environment



## 2012 Campus Master Plan Revision

- 1) concentrated academic campus
- 2) student engagement + campus experience
- 3) polytechnic university
- 4) pedestrian-oriented campus
- 5) identity
- 6) sustainability

- *2018 plan must be comprehensive, broad and intentional about furthering Cal Poly's place in the future of the country*
- *Themes will include community/culture, talent acquisition/development, engaging students, faculty, staff, community and workforce needs locally, regionally, globally (and more....).*



# Strategic Plan

## STRATEGIC PLAN

Home » Strategic Plan

CAL POLY POMONA

### MISSION STATEMENT

We cultivate success through a diverse culture of experiential learning, discovery, and innovation.

### VISION STATEMENT

Cal Poly Pomona will be the model for an inclusive polytechnic university that inspires creativity and innovation, embraces local and global challenges, and transforms lives.

*Download  
Presentation  
(PDF)*

Questions or comments about the Strategic Plan? Share them with the Steering Committee.

*Strategic Plan  
2017-2021*



**PROCESS + ANALYSIS**

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**UNIVERSITY OF ARIZONA**

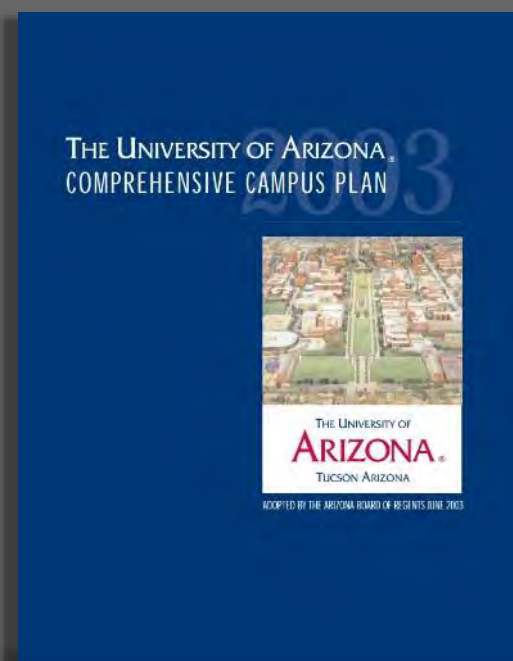
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**NEXUS**  
OF  
STRATEGIC PLAN + MASTER PLAN

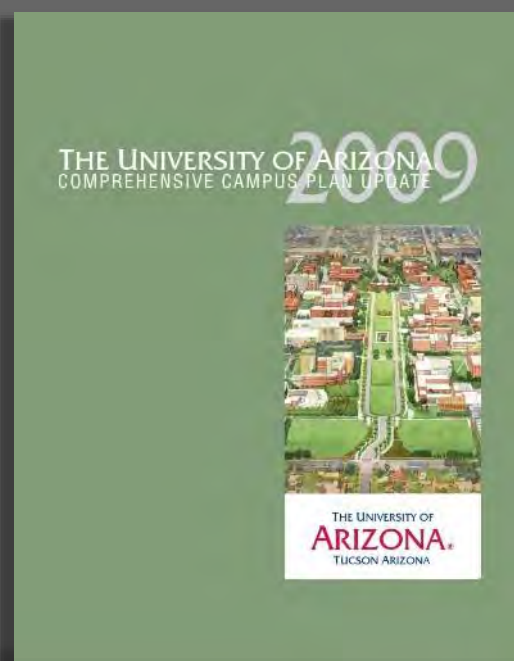


# NEXUS OF STRATEGIC PLAN + MASTER PLAN

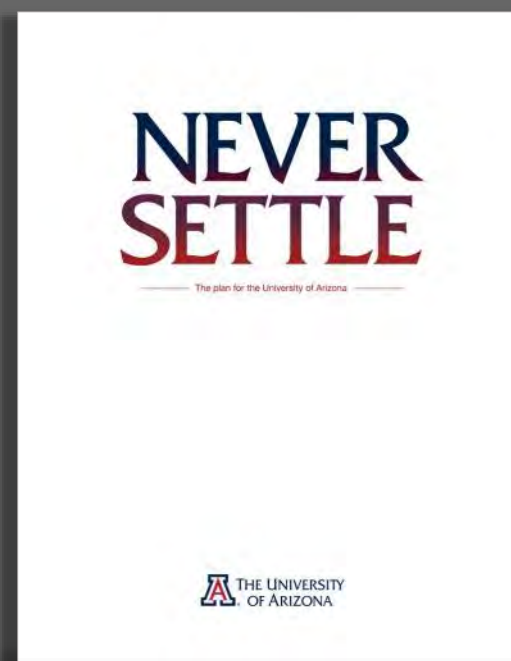
## Case Study: University of Arizona



2003 MASTER PLAN



2009 PLAN UPDATE



2015 STRATEGIC PLAN



*ENGAGING*



*INNOVATING*



*PARTNERING*



*SYNERGY*

# UA PLANNING EFFORTS



# UA 2015 STRATEGIC PLAN to MASTER PLAN



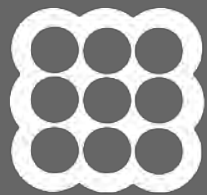
*ENGAGING*



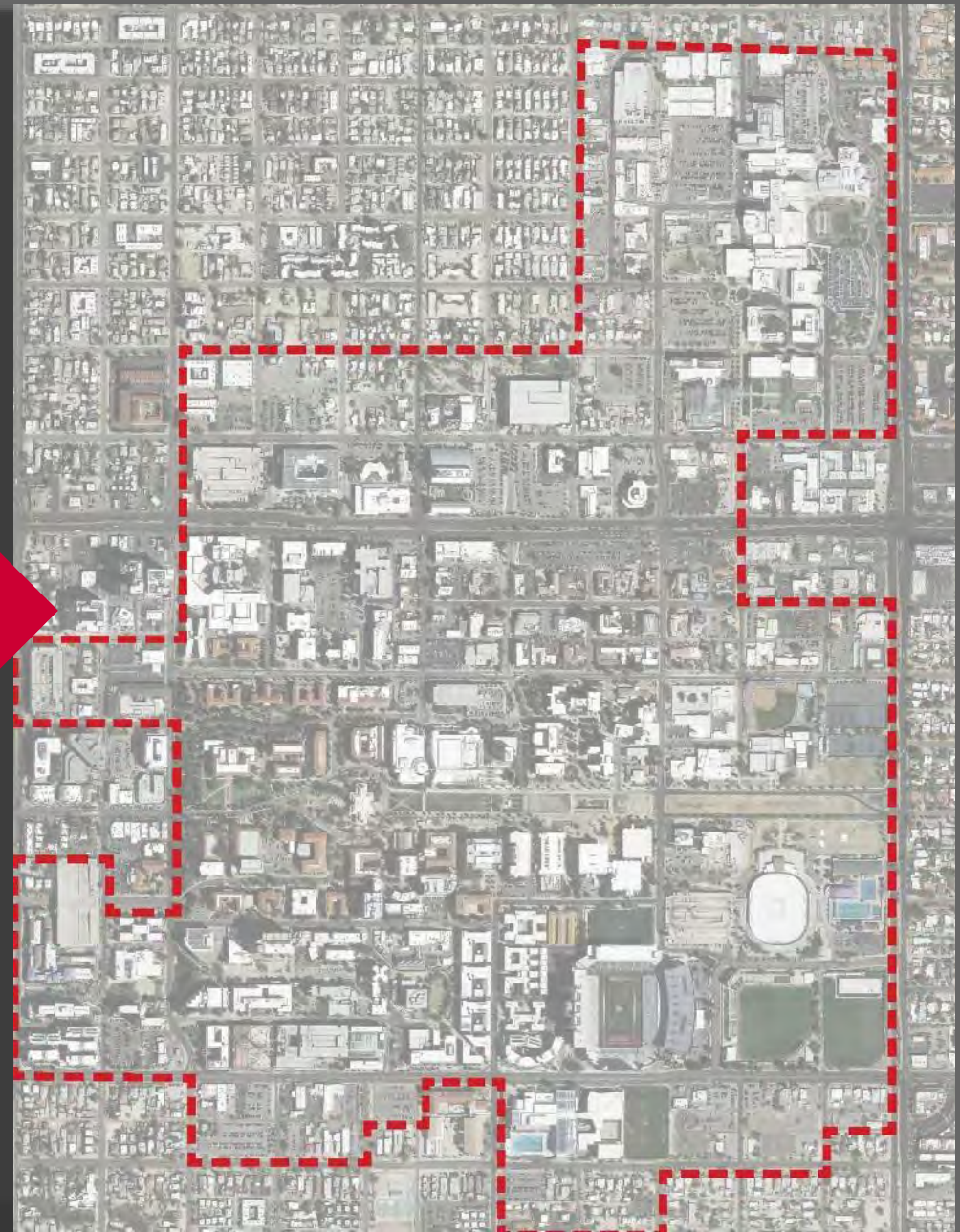
*INNOVATING*



*PARTNERING*



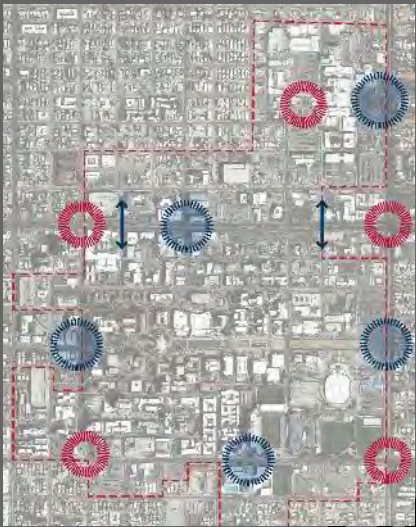
*SYNERGY*





# CAMPUS DIAGRAMS (analysis to overlay)

GATEWAYS



PLACES FOR  
COMMUNITY



GREENSPACE



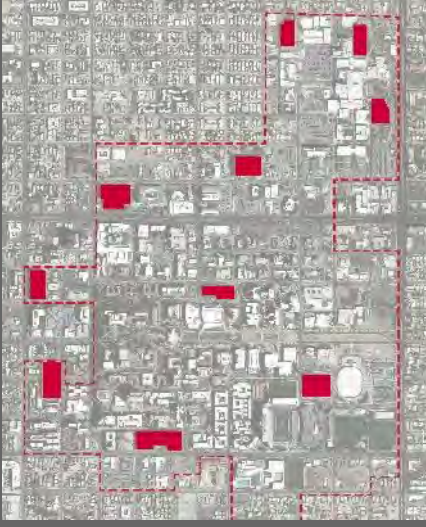
USE DISTRICTS



TRANSIT



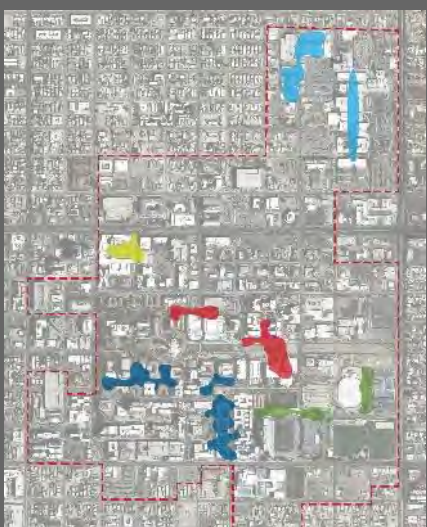
PARKING  
STRUCTURES



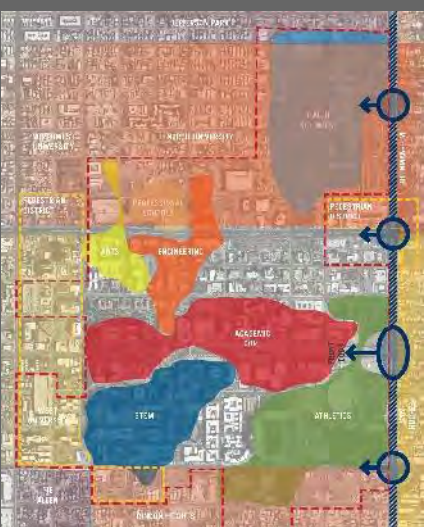
HUBS



HUBS BASED ON  
AFFILIATED USES



NEIGHBORHOOD  
INTEGRATION



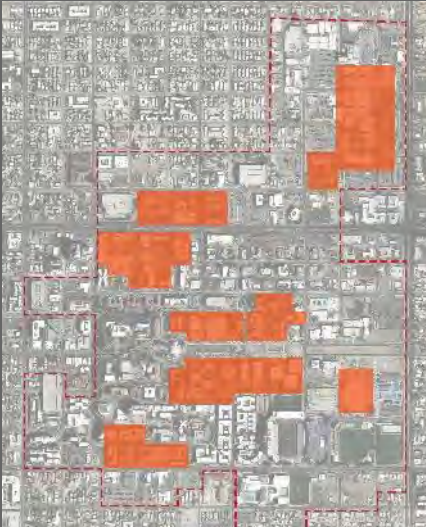
NEIGHBORHOOD  
EDGE CONDITIONS



HIGH DENSITY  
ZONES



CENTRAL PLANT  
LOCATIONS



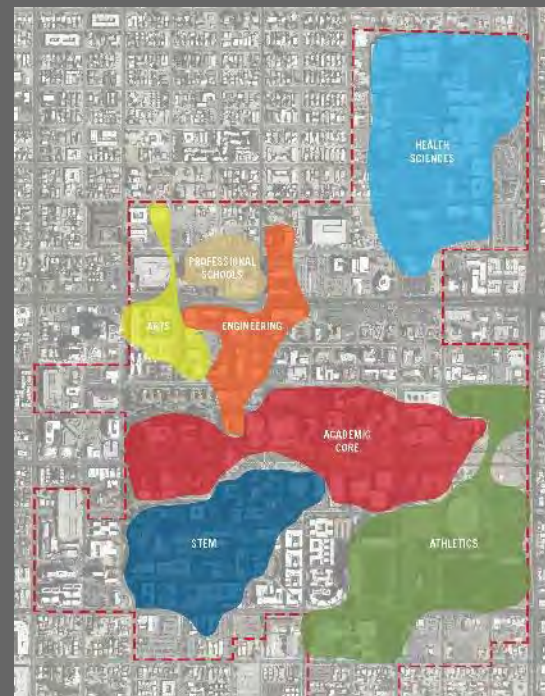


# ENGAGING – CAMPUS DIAGRAMS

**NEIGHBORHOOD  
EDGE CONDITIONS**



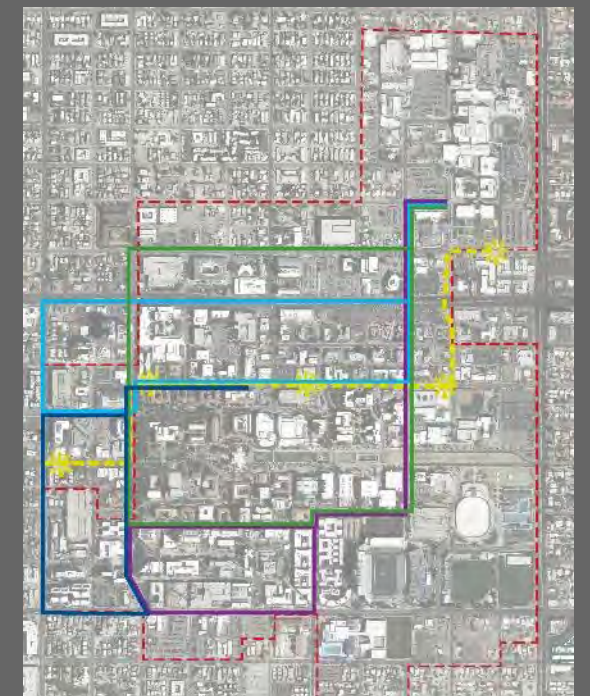
**USE DISTRICTS**



**CAMPUS GATEWAYS**



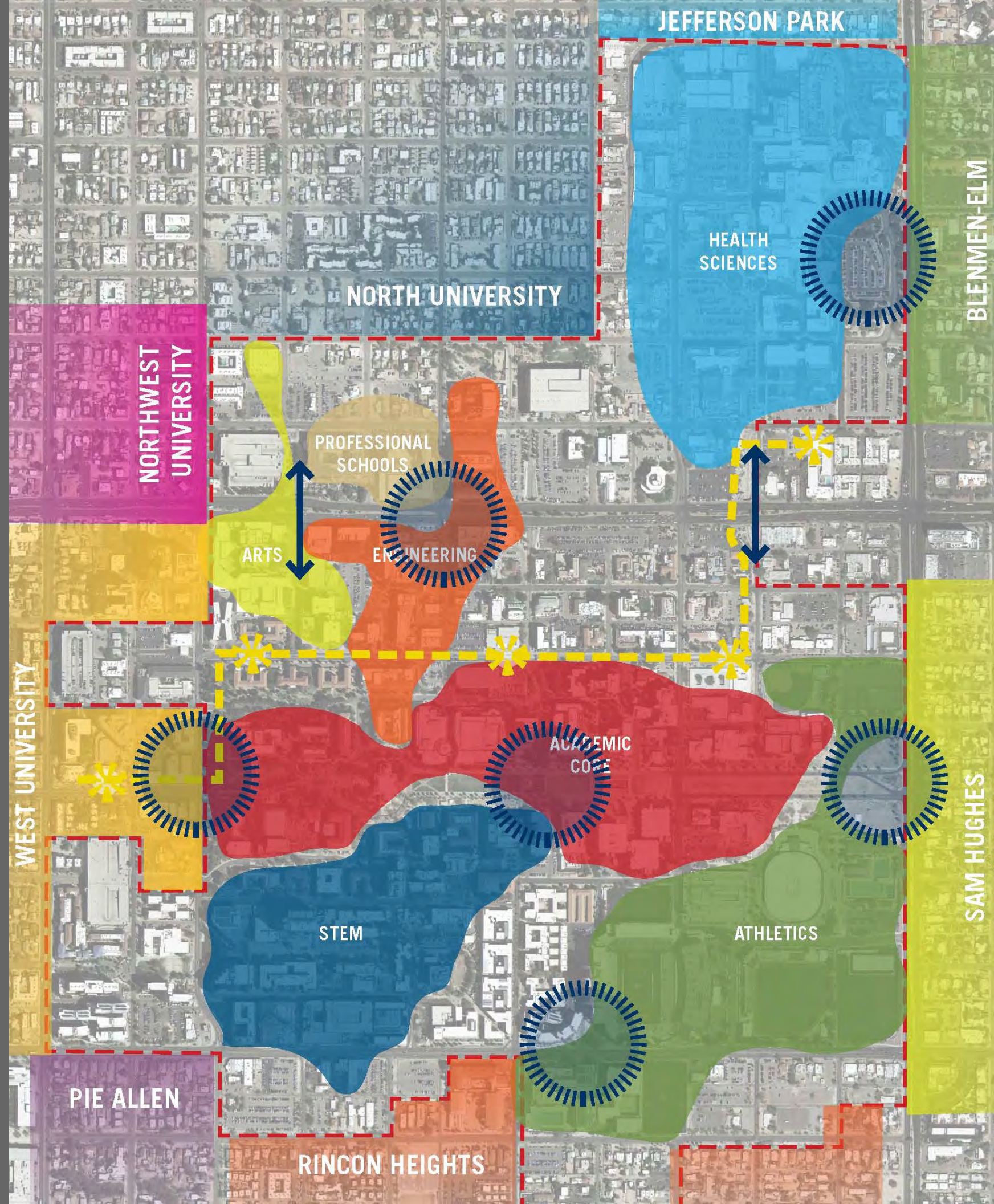
**TRANSIT**





# STRATEGIES FOR *ENGAGEMENT*

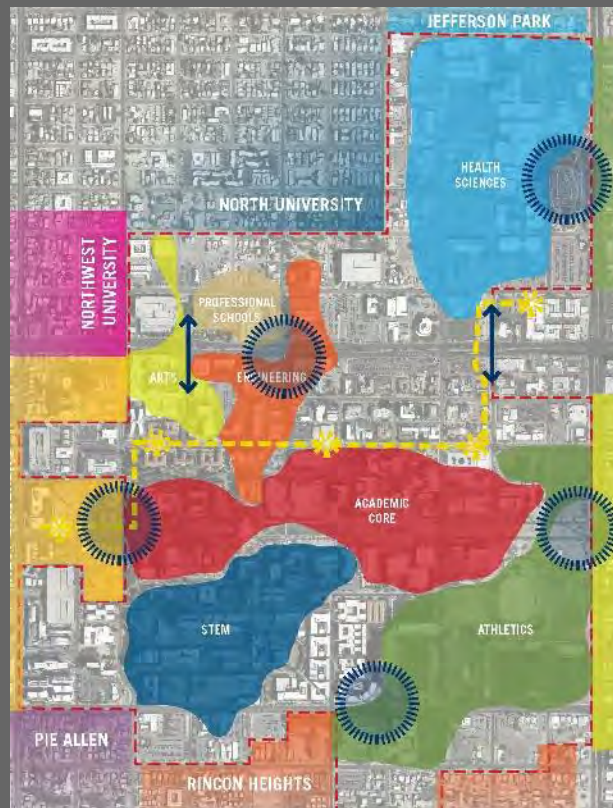
- Dynamic learning environments
- Diversify space types
- Create more collaborative resources
- Change pedagogy and curriculum
- Display engagement



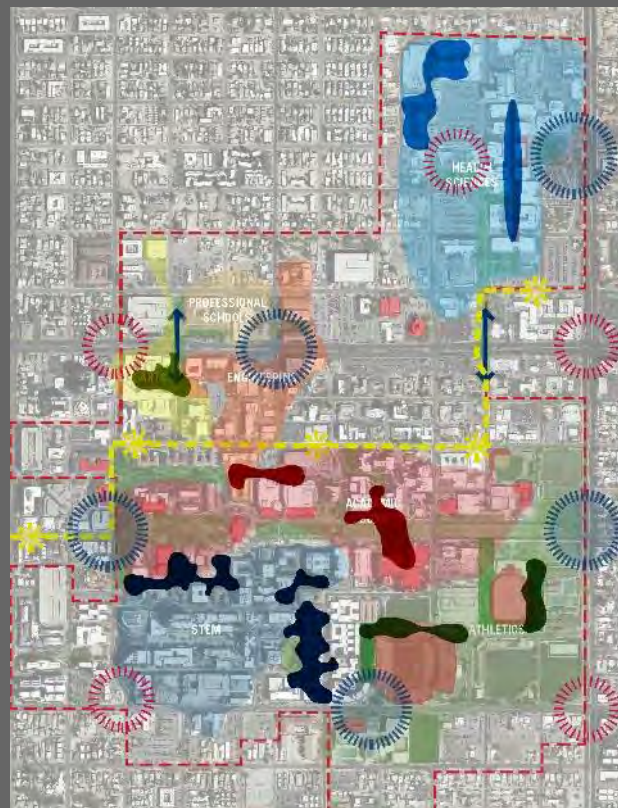


# UA CAMPUS PLAN STRATEGIC INITIATIVES

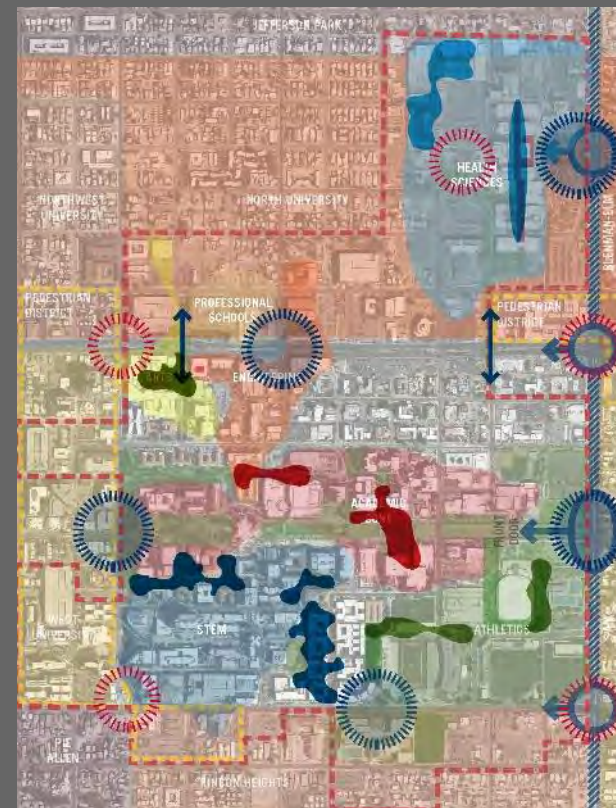
## ENGAGING



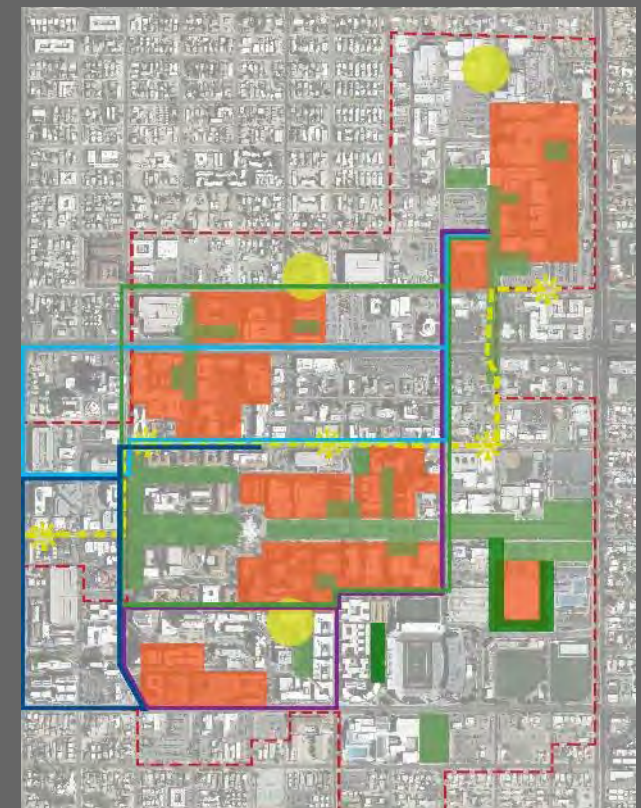
## INNOVATING



## PARTNERING



## SYNERGY





# *Strategic Plan*

## **Cal Poly Pomona Strategic Planning underway**

- engagement with community
- our place in our community, in the future of the country
  - *polytechnic – tech and skills-oriented, innovative/creative, bridging learning and doing*
  - *diversity – campus community reflects the demographic changes underway nationally*
  - *future of America – social, economic, cultural strategies ‘undergirded’ by academic plan*
- refreshed mission statement which speaks to student academic experience
- student life and engagement
  - *adding more on-campus housing is good, but student residents will still be in the minority*
  - *commuting students should feel equally ‘at home’ on campus*
- **HUBS of interest** – *where, how does multidisciplinary engagement happen?*



# DISCUSSION: Priorities

- **Academic and Co-curricular experience**
  - *beyond ‘interrelated’, each is dependent on the other*
  - *student success teams within colleges*
- **HUBS with synergies, corridors of collaboration (bold plan)**
- **Changing learning/teaching expectations and environments**
  - *Challenge of current ‘tenure density’ and increasing # adjuncts*
  - *generational differences, esp in comfort level with technology*
  - *need to invest in professional development, skills development, mentoring, a classroom ‘sandbox’ environment for instructors to use/experiment*
- **Polytechnic - this is the future of work**
  - *Cal Poly = home, as a student and after graduation, easy, welcoming, a resource for lifetime of learning new skills to succeed in changing marketplace*
  - *old way = ‘outreach’ to companies      new way = ask companies to bring their problems*
  - *extended university, more intentional about partnerships, workforce dev with local community colleges*
  - *global market and international students*
- **Epicenter for creativity, innovation and discovery**
  - *talent development, acquisition, retention/success*
  - *student engagement (even before arriving on campus)*
- **Challenge of getting work done (nitty-gritty work)**
  - *existing tools to manage space, analyze data are very ‘yesterday’, refresh space inventory*
  - *remember this is a total university effort -- one goal/one team*



# AGENDA

## 4. Campus Engagement

- Steering Committee + Advisory Committee Members
- Campus constituencies/stakeholders
- Campus engagement + communications
- Beyond the campus



# approach: Workshop - Based

- Tailored to Institutional Culture
- Active Listening + Data/input Gathering
- Collaborative + Participatory
- Variety of Scales, Methods & Tools
  - Steering Committee Work Sessions
  - Steering /Advisory Group Charrettes
  - Campus Walk/Tours
  - Stakeholder Workshops
  - Individual Interviews
  - Focus /Topic Sessions or Tables
  - Campus Community Forums
  - On-line web meetings, live streamed or CCTV, web + social media pages

## Master Plan: Workshop 02 Agenda

Tuesday, July 23rd

9:00 AM	
9:30 AM	<div>FTE Review HPU: Jason FU ASG: LK, DD 9:30-10:30am (Jason's Office)</div>
10:00 AM	<div>Core Team - Update ASG: KK, JB / HDR: JM 9:30-10:30am (President's Conference Room)</div>
10:30 AM	<div>HPU ATM &amp; Piers 8-10 Tour HDR: JM, NS / ASG: KK, LK 10:30-12:00</div>
11:00 AM	
11:30 AM	
12:00 PM	Lunch
12:30 PM	12:00-1:00
1:00 PM	<div>HPU Working Group HPU: GB, MLT, JK HDR: JM, NS ASG: JB, KK, LK, DD (1:00-2:30)</div>
1:30 PM	
2:00 PM	
2:30 PM	<div>Student Focus Group HDR: JM / ASG: KK, LK, DD 2:30-3:30 (Student Org Conference Room)</div>
3:00 PM	
3:30 PM	<div>Faculty Focus Group Humanities and Social Sciences 3:30-4:30 (Location: FSCR, 1166 FT. Street)</div>
4:00 PM	
4:30 PM	<div>Faculty Focus Group College of Business 4:30-5:30 (Location: FSCR, 1166 Ft. Street)</div>
5:00 PM	
5:30 PM	
6:00 PM	<div>Planning Team Working Session 6:00- 7:??</div>
6:30 PM	
7:00 PM	
7:30 PM	
8:00 PM	

Wednesday, July 24th

9:00 AM	<div>Staff Focus Group-Athletics &amp; Rec HPU: DV +++ / HDR: JM /ASG: KK, LK, DD 9:00-10:00 (Athletic Dept Conference Room)</div>
9:30 AM	
10:00 AM	<div>HPU Downtown Tour HDR: JM, NS / ASG: KK, LK 10:00-12:00</div>
10:30 AM	
11:00 AM	
11:30 AM	
12:00 PM	Lunch
12:30 PM	12:00-1:00
1:00 PM	<div>Board of Trustees Strategic Planning Committee HDR/ASG Time: ~1:30 p.m.-2:00 p.m., President's Conference Room</div>
1:30 PM	
2:00 PM	
2:30 PM	
3:00 PM	
3:30 PM	<div>Steering Committee &amp; Core Team HDR: JM, NS / ASG: JB, KK, LK, DD 3:15-5:00 (President's Conference Room)</div>
4:00 PM	
4:30 PM	
5:00 PM	
5:30 PM	
6:00 PM	<div>Town Hall - Alumni HDR: JM, NS / ASG: JB, DD 6:00-7:30 (Location: LB 315)</div>
6:30 PM	
7:00 PM	
7:30 PM	
8:00 PM	

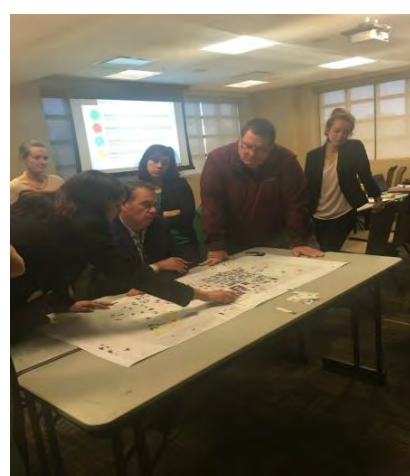
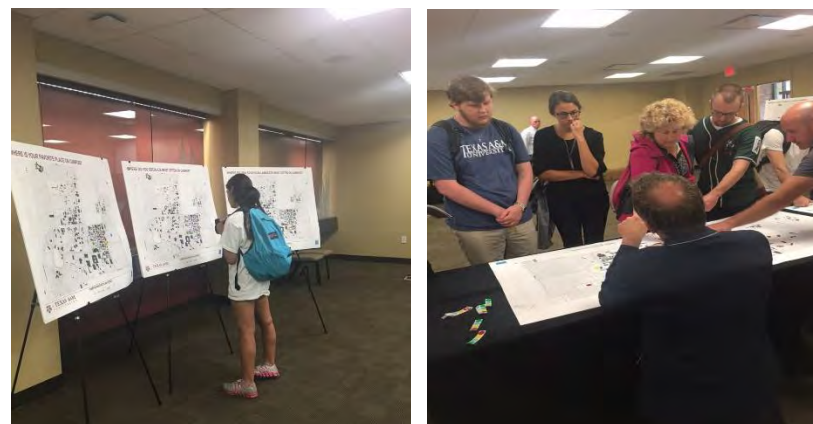
### Legend

Core Team	Stakeholder: Faculty & Staff	Campus Tours
Working Group	Town Hall / Open Forums	Other
Stakeholder: Student	Leadership Group	



engagement:

# Texas A&M University Campus Engagement





# engagement: Charrettes with faculty, staff, students







**engagement:** Campus Walks with Stakeholders



**approach:**

# Constituency / Stakeholder Open Forums



## FACULTY + STAFF FORUM Campus Master Plan

### Final Draft Presentation

classrooms, **housing**, collaborative spaces, **recreation**, parking, **biking**, libraries, **dining options**, athletics, **open space**, signage, **benches**, transit, **computing labs**

**WHO:** All Faculty + Staff are invited

**WHEN:** Thursday April 10, 12:30-2:30 pm

**WHERE:** **SUB** Simplot A Ballroom

**Please join us** for a preview of the master plan update which will shape the future of the Boise State University campus. This is your chance to see how the planners have integrated ideas from faculty and staff, to ask questions and provide comments which will influence the final Campus Master Plan document. The Master Planning Team will present a brief overview of the planning process to date and review highlights of the proposed plan. The presentation will be followed by a Q+A discussion.



**QUESTIONS OR COMMENTS?**  
email: [capitalplanning@boisestate.edu](mailto:capitalplanning@boisestate.edu)






# approach: Outreach to Partners Beyond the campus






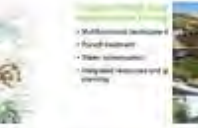

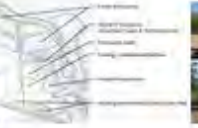

# approach: Web-Based Communication

**facebook**



## Channel Islands Campus Master Plan


Organization • [Edit Info](#)



**Wall** Channel Islands Campus Ma... • Everyone (Most Recent) ▾


Share: [Status](#) [Photo](#) [Link](#) [Video](#) [Question](#)

Write something...

**United Students of California**

We encourage you to check out the Channel Islands Campus Master Plan Facebook page and give them feedback on the ideas they have for our campus. If you can pass this along to other Channel Islands Students it would very much help them out. It's quick and easy so give it a go.













Yesterday at 3:59am • [View Post](#)

**MVS Business Club**

We encourage you to check out the Channel Islands Campus Master Plan Facebook page and give them feedback on the ideas they have for our campus. If you can pass this along to other Channel Islands Students it would very much help them out. It's quick and easy so give it a go.

Yesterday at 3:58am • [View Post](#)

**Core Precinct**  
By Channel Islands Campus Master Plan (Albums) • Updated about a week ago • [Edit Album](#)



Add a description

Like • Share

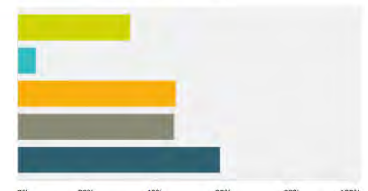
**SurveyMonkey®**

**University Student Satisfaction Template**


1. How effective is the teaching within your major at this university?

☐ Extremely effective  
☐ Very effective  
☐ Moderately effective  
☐ Slightly effective  
☐ Not at all effective

Answered: 233 Skipped: 24



0% 20% 40% 60% 80% 100%



## HELP PLAN KANSAS STATE UNIVERSITY JOIN OUR COMMUNITY.

Welcome to the Kansas State University 2012 Campus Master Plan portal. Think of this site as an online town hall meeting - a place to share practical and resourceful ideas about improving the campus.

[Sign up with Facebook](#) [Sign up with LinkedIn](#) [Sign up with Google](#)

Or sign up with your email address

34 [Like](#) [Send](#)

13 [Tweet](#)

4 [Share](#)

8 [Email](#)

### PROJECT DETAILS

[How It Works](#)

[K-State Masterplan Update](#)

Select Language [Powered by Google Translate](#)


### CONTRIBUTORS

All Time Active Users

1	Lawrence C	1966
2	Adam R	1952
3	Seth G	1340
4	grant B	1150
5	Trevor S	1008
06	Mitchel L	678
07	Jessica H1	638
08	Adam R1	618
09	Ben J	596
10	Mark T1	494

### CATEGORIES


Sort By: [RANDOM](#) [LATEST](#) [POPULAR](#)



#### Proposed Campus Master Plan Update

We want your feedback on the new proposed campus master plan update!


[View Topics](#) 92 Interactions



#### Transportation

Let's talk about how you commute to campus, what types of transportation service you'd like to see improved, where you feel unsafe walking, biking, or driving, and how you get around...

[View Topics](#) 814 Interactions



#### K-State Student Union

Let's talk about Student Union improvements.

[View Topics](#) 281 Interactions



#### Campus Character

Let's talk about how geography, location, and development patterns distinguish the K-State Campus.

[View Topics](#) 125 Interactions



# AGENDA

## 5. Proposed Timeline

- Master Plan Kick-off - Fall 2017
- Space Analytics
- Campus Observations
- Strategic Plan to Campus Vision



process:

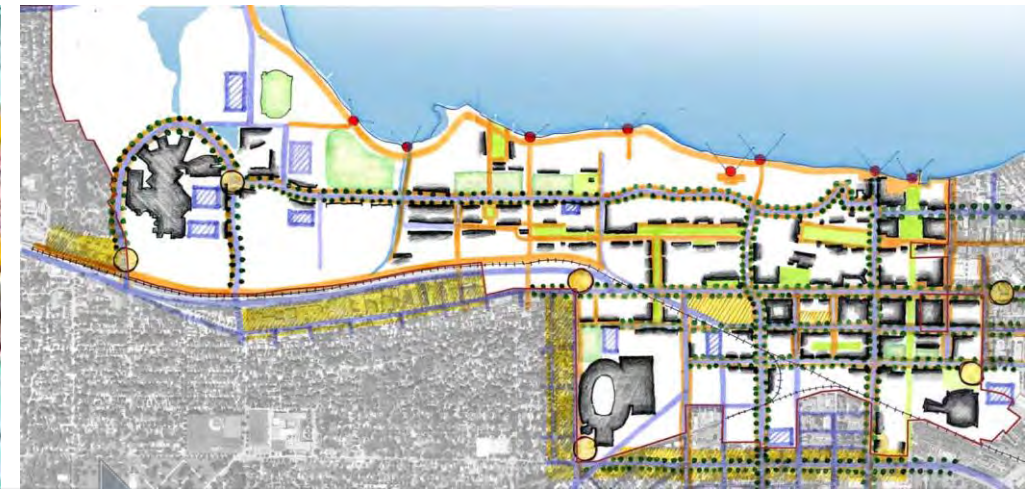
# Steps in the Planning Process



Project Kick-Off



Observations & Analysis



Conceptual Plans



Precinct Studies / Alternates



Draft Plan + Phasing

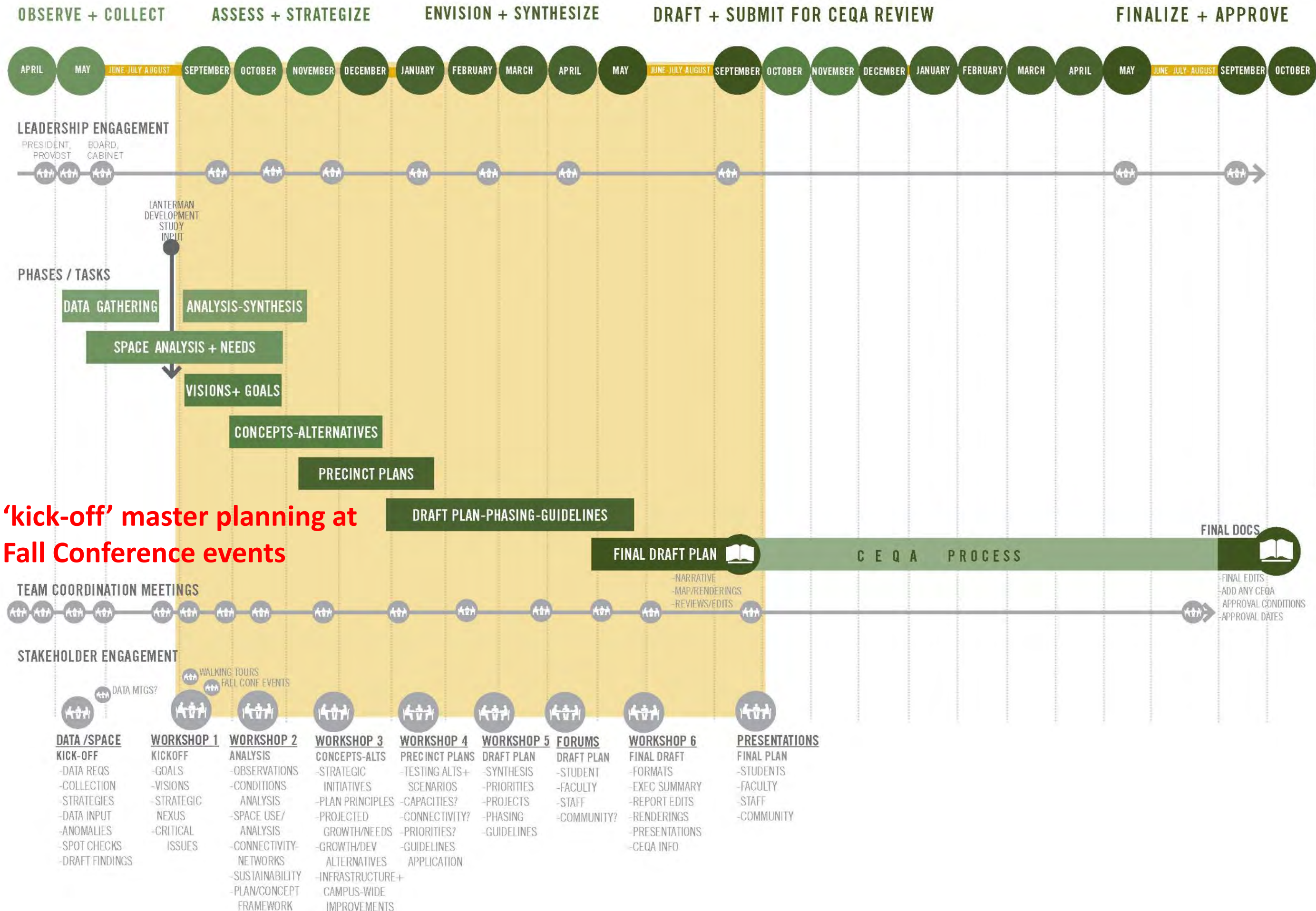


Final Plan & Reports

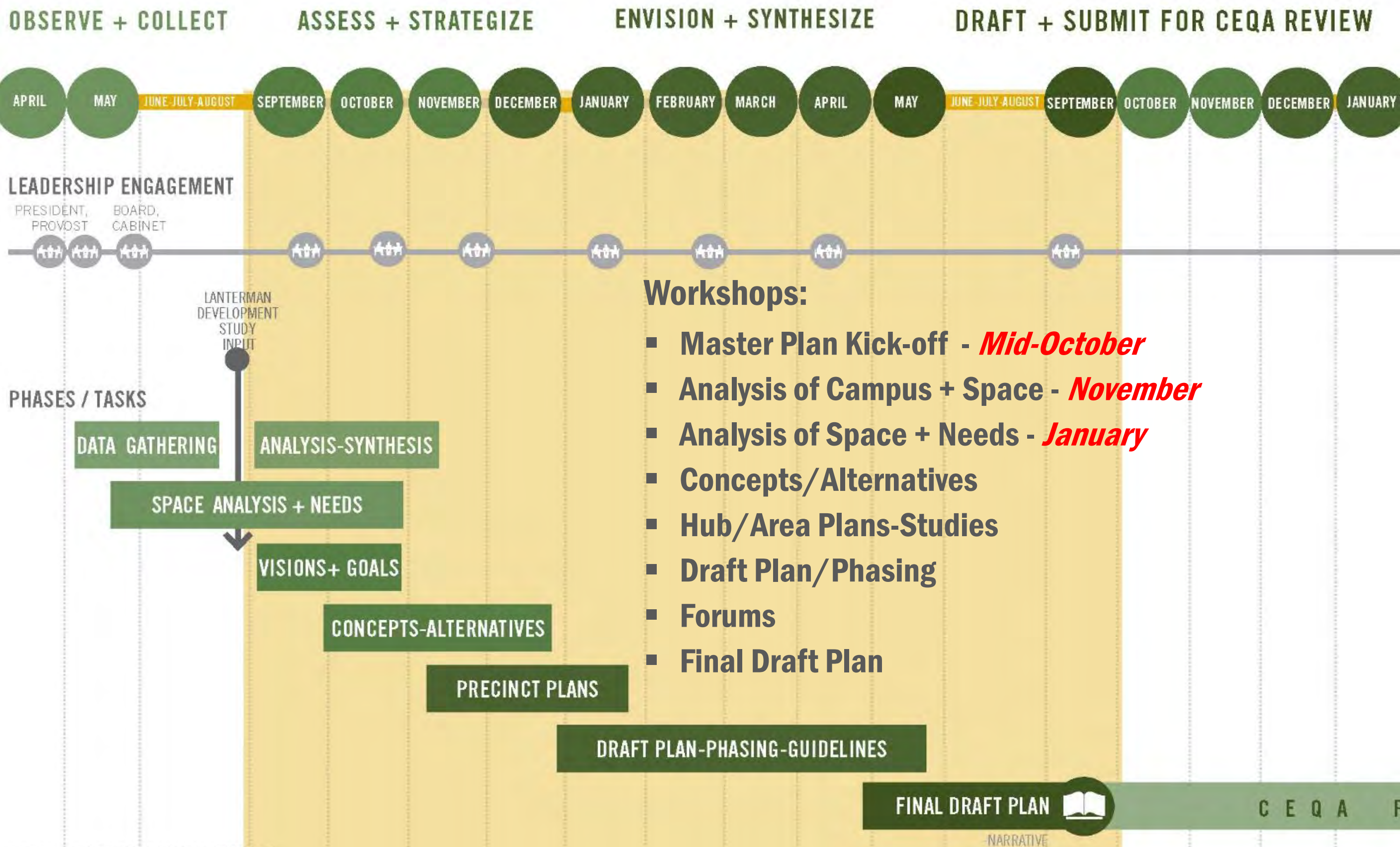


timeline:

# Proposed Master Plan









## SPACE ASSESSMENT PROCESS

- Data collection + field verification
  - Facilities, enrollment, course schedule
- Existing space distribution + uses
  - By program, use type
- Classroom + class laboratory utilization analysis
  - Type, size, seats, scheduling
- Space assessment + Prioritization of needs
  - Baseline year + future scenarios
- Stakeholder meetings
  - President, Vice Presidents, Deans, Directors
- Findings + outcomes
  - Utilize SAMi™ to focus/prioritize critical needs

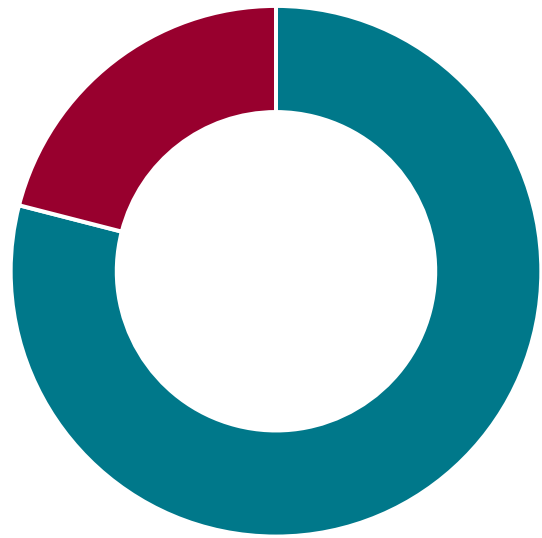


- ← • Start with the basics of space distribution across the total university (incl Foundation, etc)
- Include analysis of land uses (acreage used for buildings, roads, parking, open space for informal use, rec/athletic fields, barns and pastures, agriculture/fields, 'no-build' steep slopes, etc.)



## Trinity River Campus Scheduled Classrooms

Classrooms	Class Laboratories
42 Total Rooms	11 Total Rooms
79%	21%



■ Classrooms ■ Class Labs

## Utilization by Time of Day - Fall 2016

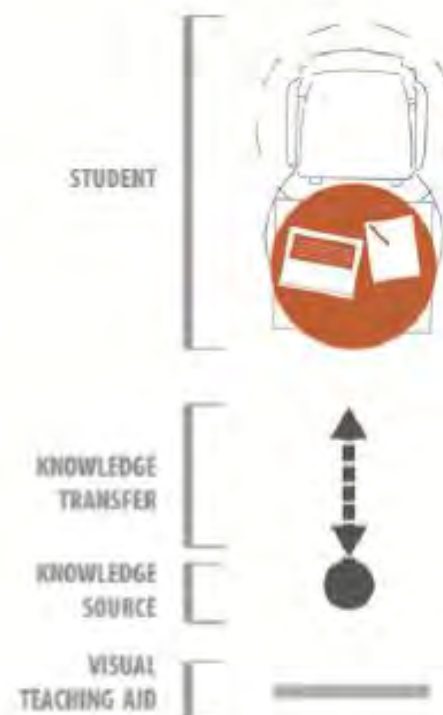
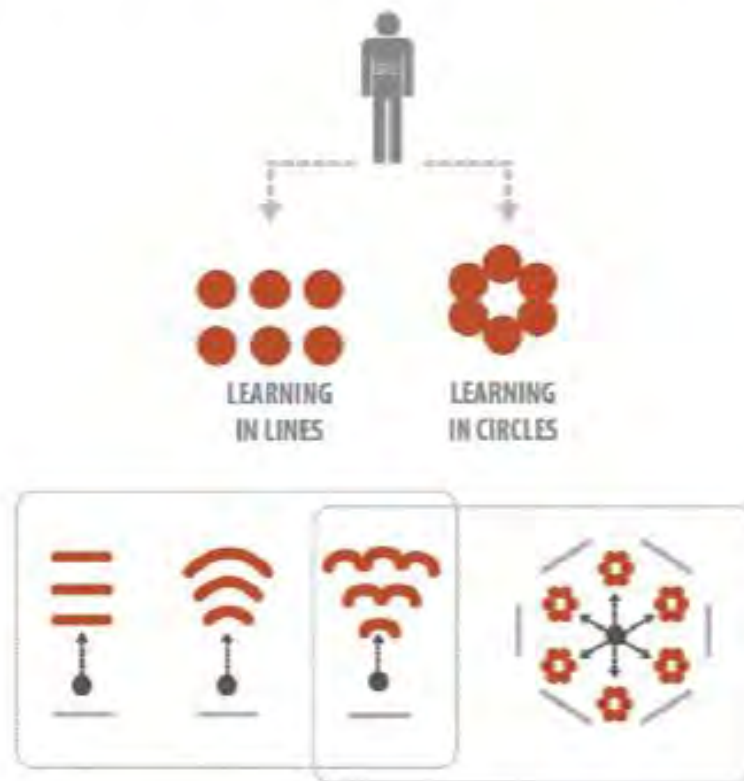
8:30 PM	50% 21 Rooms	45% 19 Rooms	48% 20 Rooms	43% 18 Rooms	26% 11 Rooms	43% 18 Rooms
7:30 PM	62% 26 Rooms	62% 26 Rooms	60% 25 Rooms	60% 25 Rooms	26% 11 Rooms	55% 23 Rooms
6:00 PM	90% 38 Rooms	79% 33 Rooms	88% 37 Rooms	76% 32 Rooms	24% 10 Rooms	71% 30 Rooms
5:30 PM	17% 7 Rooms	17% 7 Rooms	14% 6 Rooms	17% 7 Rooms	0% 0 Rooms	12% 5 Rooms
4:00 PM	45% 19 Rooms	40% 17 Rooms	40% 17 Rooms	40% 17 Rooms	0% 0 Rooms	33% 14 Rooms
2:30 PM	93% 39 Rooms	88% 37 Rooms	88% 37 Rooms	86% 36 Rooms	12% 5 Rooms	74% 31 Rooms
2:00 PM	90% 38 Rooms	79% 33 Rooms	86% 36 Rooms	74% 31 Rooms	14% 6 Rooms	69% 29 Rooms
12:30 PM	88% 37 Rooms	93% 39 Rooms	88% 37 Rooms	88% 37 Rooms	2% 1 Rooms	71% 30 Rooms
11:30 AM	86% 36 Rooms	93% 39 Rooms	88% 37 Rooms	93% 39 Rooms	40% 17 Rooms	81% 34 Rooms
11:00 AM	64% 27 Rooms	86% 36 Rooms	62% 26 Rooms	83% 35 Rooms	40% 17 Rooms	67% 28 Rooms
10:30 AM	81% 34 Rooms	95% 40 Rooms	79% 33 Rooms	93% 39 Rooms	52% 22 Rooms	81% 34 Rooms
10:00 AM	76% 32 Rooms	95% 40 Rooms	74% 31 Rooms	95% 40 Rooms	40% 17 Rooms	76% 32 Rooms
9:30 AM	69% 29 Rooms	88% 37 Rooms	67% 28 Rooms	86% 36 Rooms	38% 16 Rooms	69% 29 Rooms
8:30 AM	57% 24 Rooms	88% 37 Rooms	55% 23 Rooms	88% 37 Rooms	24% 10 Rooms	62% 26 Rooms
8:00 AM	7% 3 Rooms	19% 8 Rooms	7% 3 Rooms	21% 9 Rooms	2% 1 Rooms	12% 5 Rooms
7:00 AM	5% 2 Rooms	17% 7 Rooms	5% 2 Rooms	19% 8 Rooms	5% 2 Rooms	10% 4 Rooms
	Monday	Tuesday	Wednesday	Thursday	Friday	*Average

Total classrooms = 42

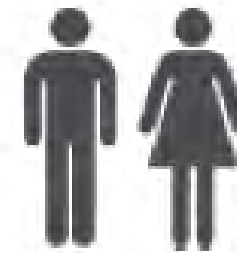
\* The average is calculated on Monday through Friday use.



## STU'S ENVIRONMENT



Traditional

On Campus  
Face-to-face

Hybrid

On Campus  
Face-to-face +  
on-line

Off-Site

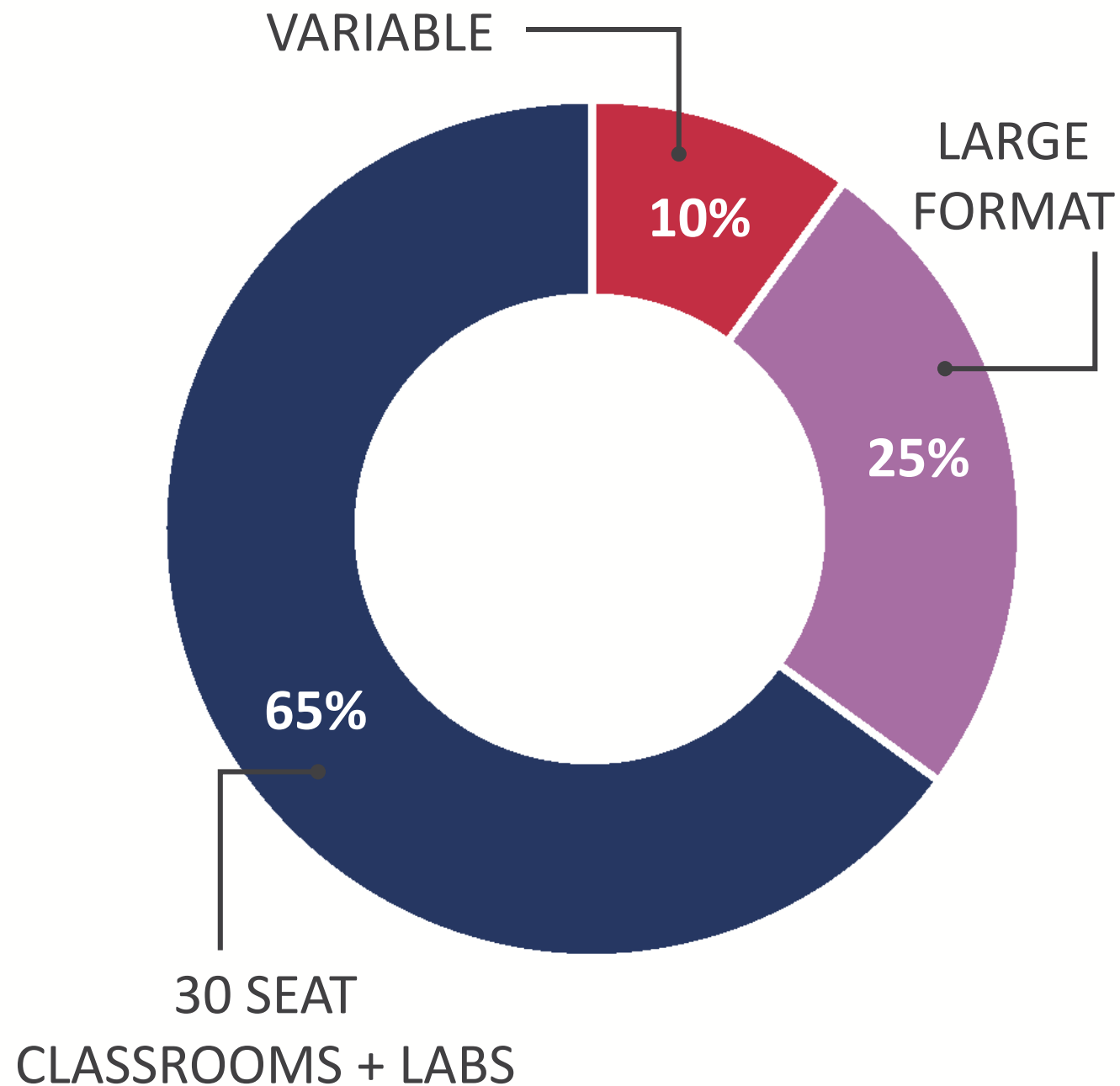
Off Campus  
Face-to-Face +  
on-line

On-Line

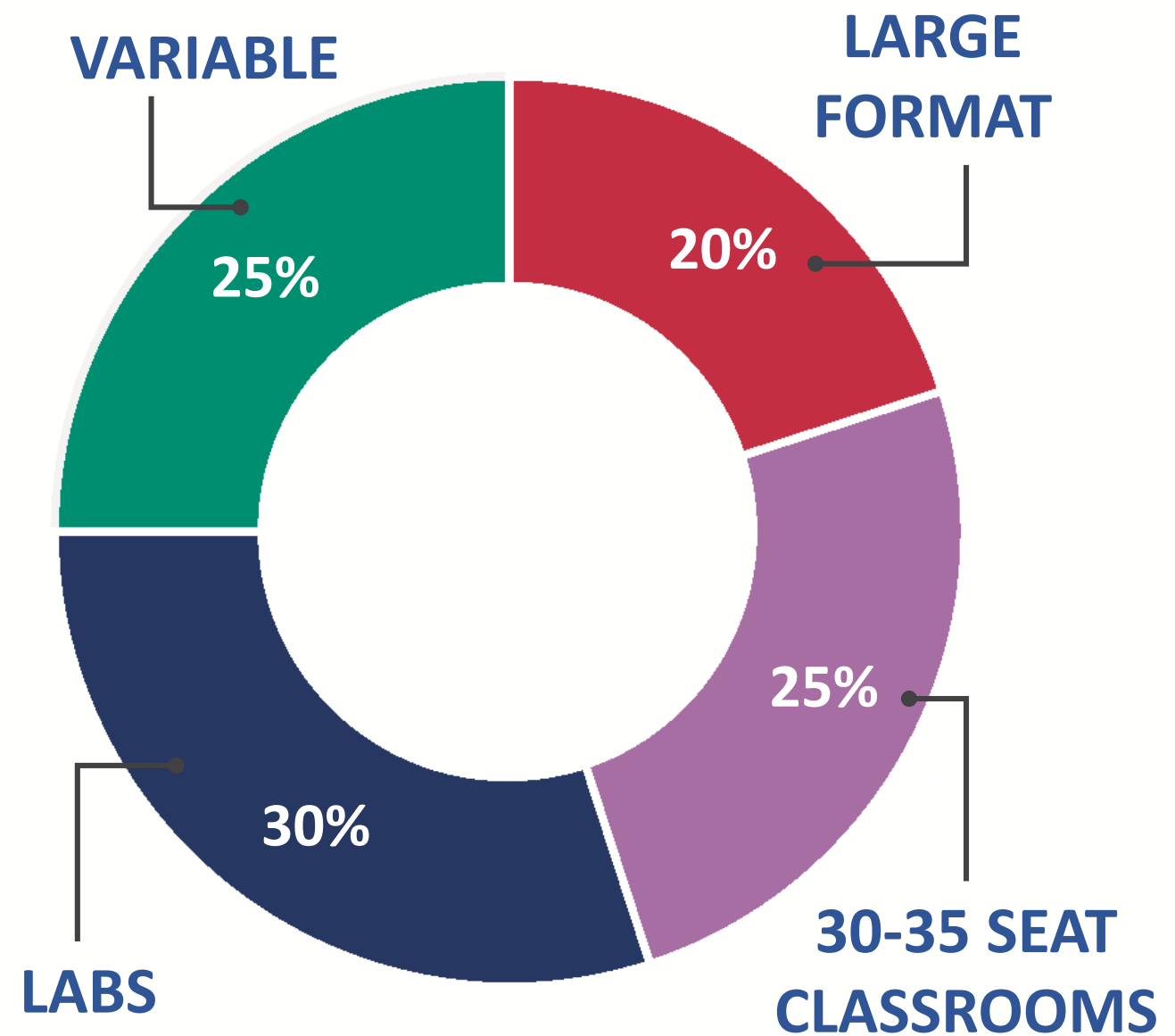
Off Campus  
On-line only



UA TODAY



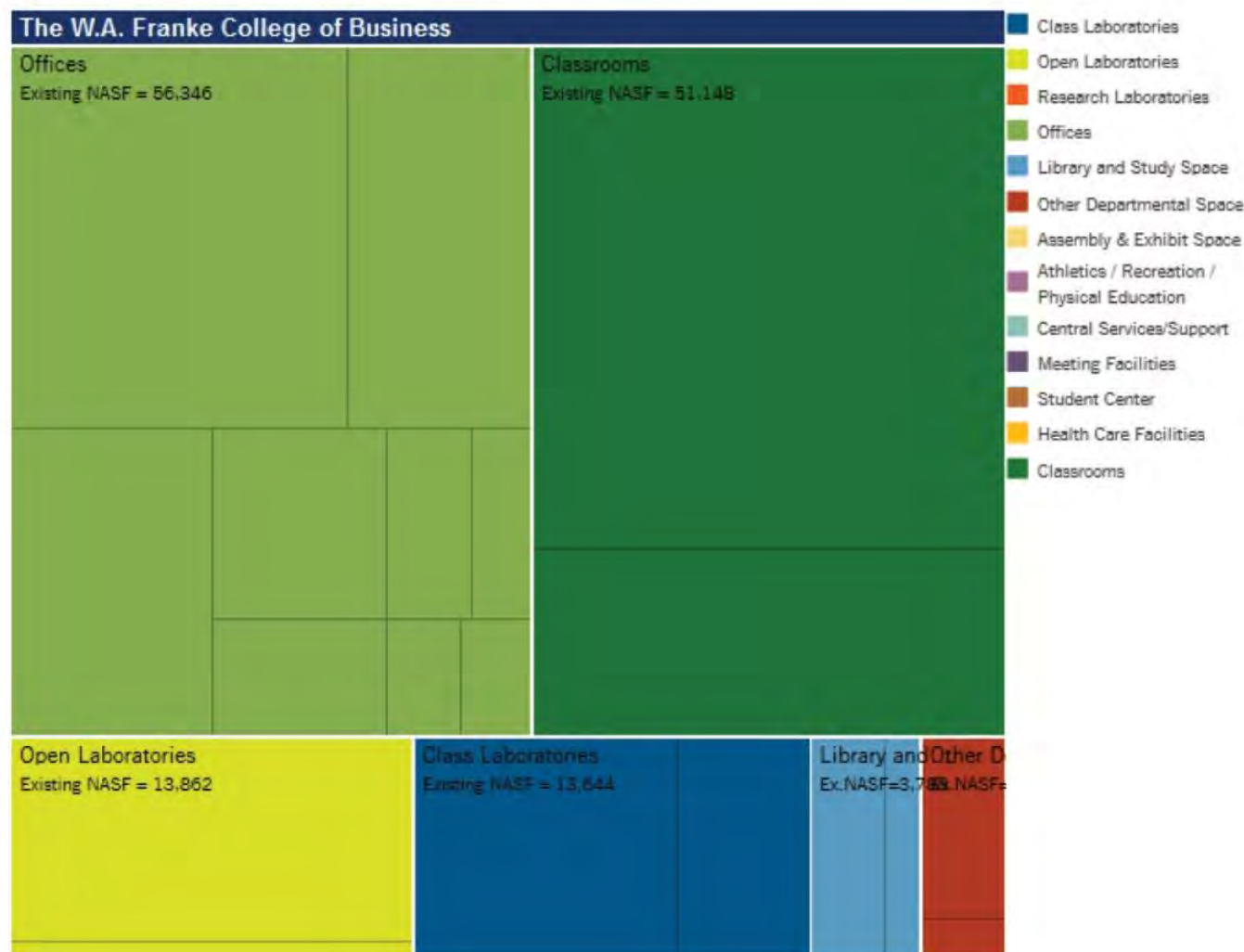
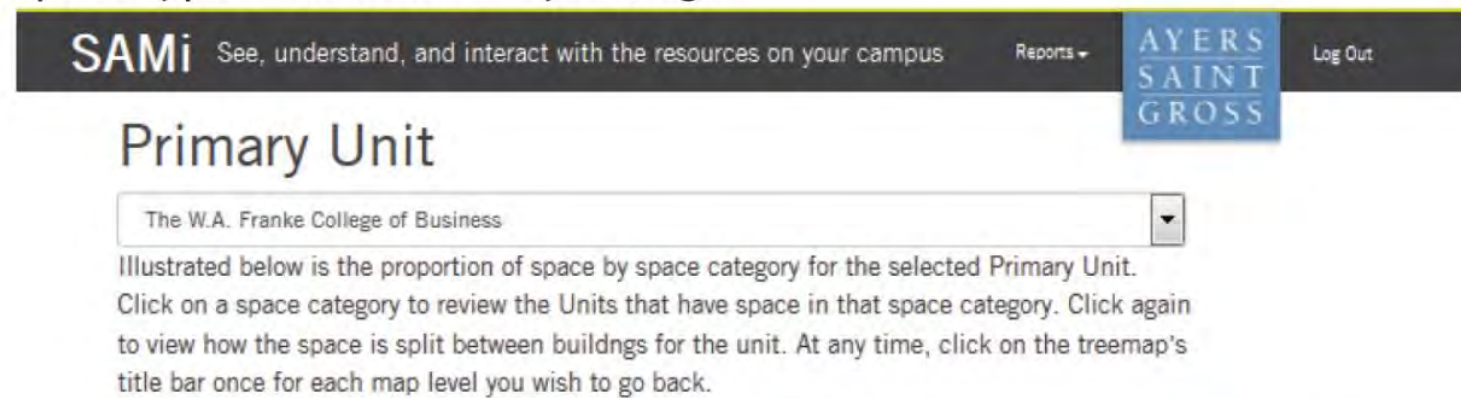
UA FUTURE MODEL



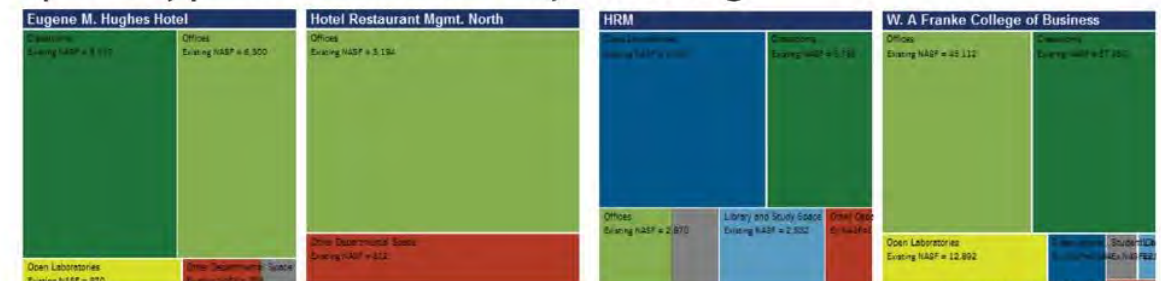


# analytics: Space Distribution

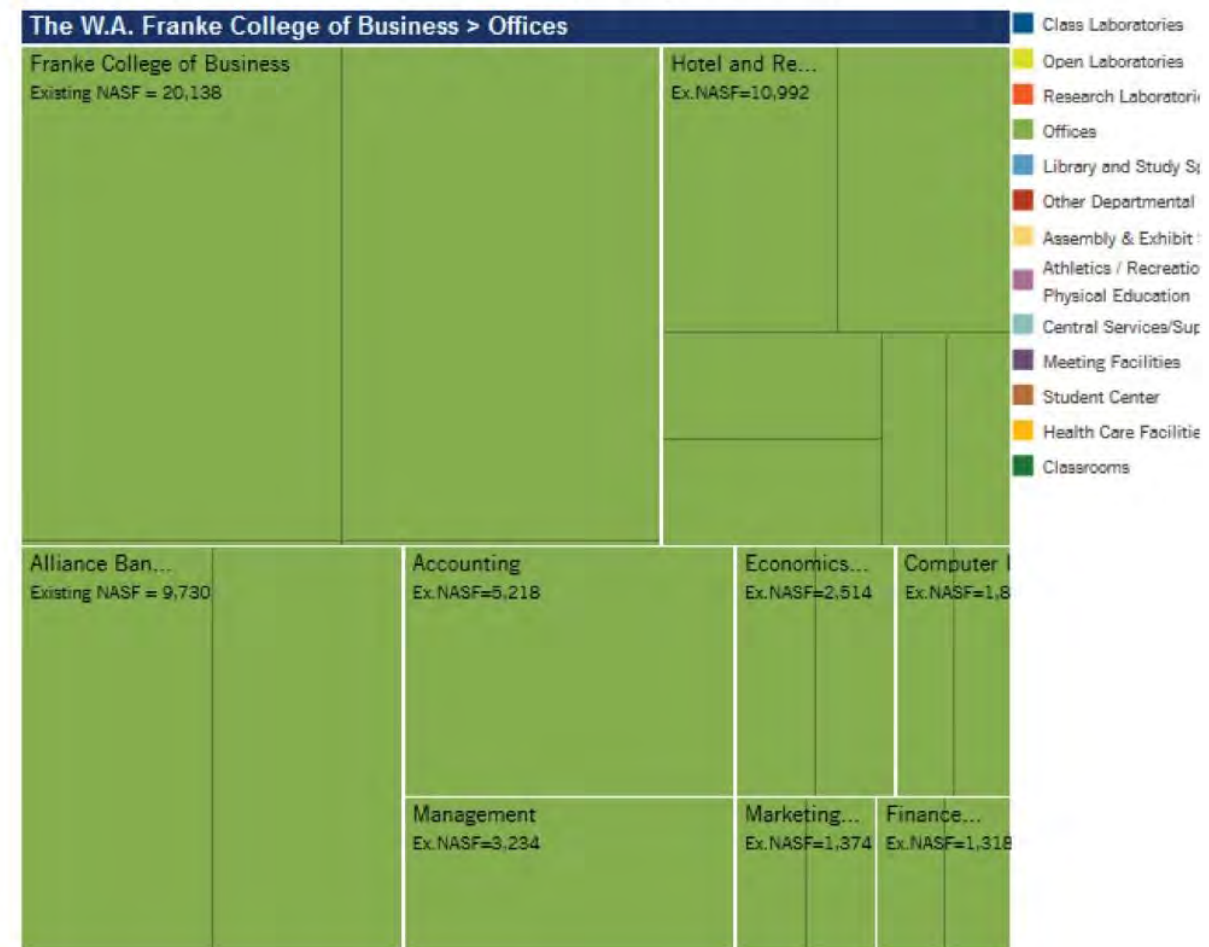
## Space Type Distribution - By College



## Space Type Distribution - By Building



## Office Space Distribution - By Department





## Space Needs Assessment

The purpose of a space needs assessment is to approximate space needs by space use category and then for every primary unit of the institution based upon appropriate space metrics. The recommended space quantities should not be viewed as space entitlements but as an indicator of need. It is a quantitative assessment only. Space quality is addressed as part of the capital improvement plan for the institution. For future construction and renovations, a room by room programming effort should be completed, which could reveal a greater or lesser need for space than illustrated.

BASELINE

POST CONSTRUCTION

14.3% GROWTH

## Space Needs By Primary Unit

CLASSROOMS ▾

COLLEGE OF ARTS AND LETTERS ▾

COLLEGE OF EDUCATION ▾

COLLEGE OF ENGINEERING, FORESTRY, AND NATURAL SCIENCES ▾

COLLEGE OF HEALTH AND HUMAN SERVICES ▾

COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES ▾

GRADUATE COLLEGE ▾

THE W.A. FRANKE COLLEGE OF BUSINESS ▾

PROVOST &amp; VICE PRESIDENT FOR ACADEMIC AFFAIRS ▾

CLINE LIBRARY ▾

SENIOR VICE PRESIDENT FOR EXTENDED CAMPUSES ▾

VICE PRESIDENT FOR RESEARCH ▾

OFFICE OF THE PRESIDENT ▾

INFORMATION TECHNOLOGY SERVICES ▾

INTERCOLLEGIATE ATHLETICS ▾

SR VICE PRESIDENT FOR ENROLLMENT MGMT &amp; STUDENT AFFAIRS ▾

VICE PRESIDENT AND CHIEF OF STAFF ▾

VICE PRESIDENT FOR FINANCE AND ADMINISTRATION ▾

VICE PRESIDENT AND GENERAL COUNSEL ▾

VICE PRESIDENT FOR GOVERNMENT AFFAIRS &amp; BUSINESS PARTNERSHIPS ▾

VICE PRESIDENT FOR INSTITUTIONAL EFFECTIVENESS ▾

VICE PRESIDENT FOR UNIVERSITY ADVANCEMENT ▾

VIEW BY CAMPUS

VIEW BY SPACE CATEGORIES

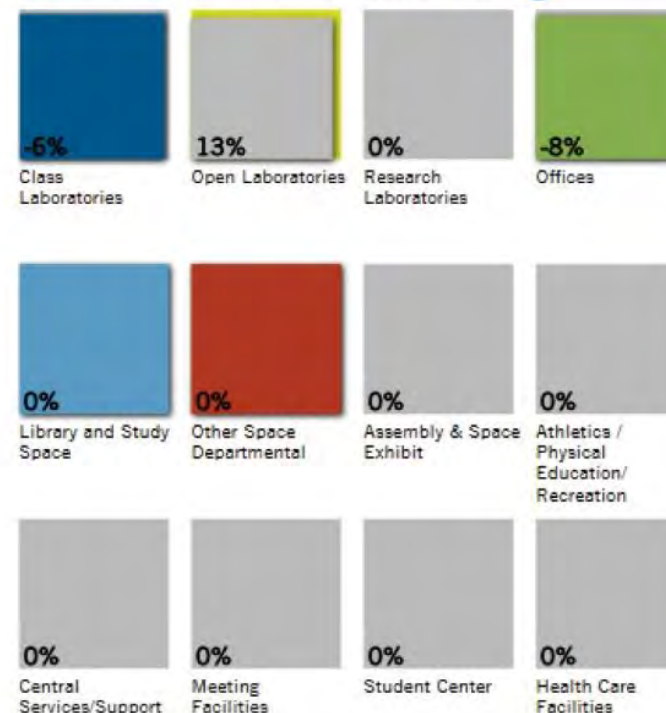
## The W.A. Franke College of Business

14.3% Growth



Existing NASF

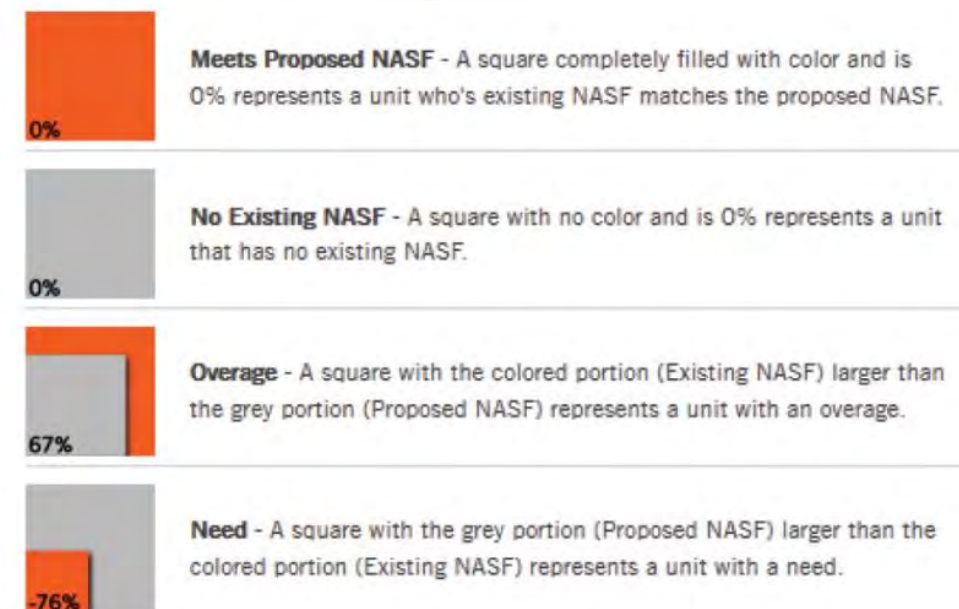
Proposed NASF



Space Category	Existing NASF	Proposed NASF	Overage/(Need)	Percent Difference
Class Laboratories	6,822	7,276	-454	-6%
Open Laboratories	7,496	6,645	851	13%
Offices	28,173	30,715	-2,542	-8%
Library and Study Space	1,894	1,894	0	0%
Other Departmental Space	1,472	1,472	0	0%
The W.A. Franke College of Business Totals	45,857	48,002	-2,145	-4%

## Space Needs Assessment Information

The purpose of a space needs assessment is to approximate space needs by space use category and then for every primary unit of the institution based upon appropriate space metrics. The recommended space quantities should not be viewed as space entitlements but as an indicator of need. It is a quantitative assessment only. Space quality is addressed as part of the capital improvement plan for the institution. For future construction and renovations, a room by room programming effort should be completed, which could reveal a greater or lesser need for space than this assessment illustrates.



CLOSE



## Space Needs Assessment by Space Category

	Fall 2013				Post Construction		14.3% Growth	
	Existing NASF	Proposed NASF	Overage/ (Need)	Future Existing NASF	Proposed NASF	Overage/ (Need)	Proposed NASF	Overage/ (Need)
Academic Space								
Classrooms	215,737	214,596	1,141	222,721	214,596	8,125	248,778	(26,057)
Laboratories	335,360	411,390	(76,030)	352,270	411,390	(59,120)	483,690	(131,420)
Class Laboratories	117,044	163,550	(46,506)	128,842	163,550	(34,708)	192,815	(63,973)
Open Laboratories	102,153	115,920	(13,767)	103,505	115,920	(12,415)	132,475	(28,970)
Research Laboratories	116,163	131,920	(15,757)	119,923	131,920	(11,997)	158,400	(38,477)
Academic Offices	410,236	398,739	11,497	411,272	398,739	12,533	434,044	(22,772)
Library & Study Space	125,647	168,527	(42,880)	128,528	168,527	(39,999)	182,947	(54,419)
Other Academic Space	70,720	77,835	(7,115)	68,901	77,835	(8,934)	88,871	(19,970)
Academic Space Total	1,157,700	1,271,087	(113,387)	1,183,692	1,271,087	(87,395)	1,438,330	(254,638)
Services & Administration								
Administrative Offices	200,872	188,125	12,747	201,807	188,125	13,682	195,155	6,652
Other Administrative Space	38,219	42,640	(4,421)	41,708	42,640	(934)	49,158	(7,452)
Assembly & Exhibit Space	75,174	122,195	(47,021)	75,174	122,195	(47,021)	138,749	(63,575)
Athletics / Recreation / PE	364,604	526,948	(162,344)	422,779	526,948	(104,169)	557,694	(134,915)
Central Services/Support	112,833	113,232	(399)	112,833	117,507	(4,674)	146,129	(33,296)
Meeting Facilities	38,382	40,456	(2,074)	40,456	40,456	0	40,456	0
Services & Administration Total	830,084	1,033,596	(203,512)	894,755	1,037,871			
Auxiliary Space								
Student Center	130,562	193,200	(62,638)	137,673	193,200			
Health Care Facilities	12,982	14,490	(1,508)	12,982	14,490			
Auxiliary Space Total	143,544	207,690	(64,146)	150,655	207,690			
TOTAL	2,131,328	2,512,373	(381,045)	2,229,102	2,516,648			
Residence Life	1,227,938			1,227,938				
Inactive / Conversion	35,478			15,428				
Parking Garages	800,278			800,278				
Outside Organizations	4,785			4,785				

Non-Residential

Fall 2013

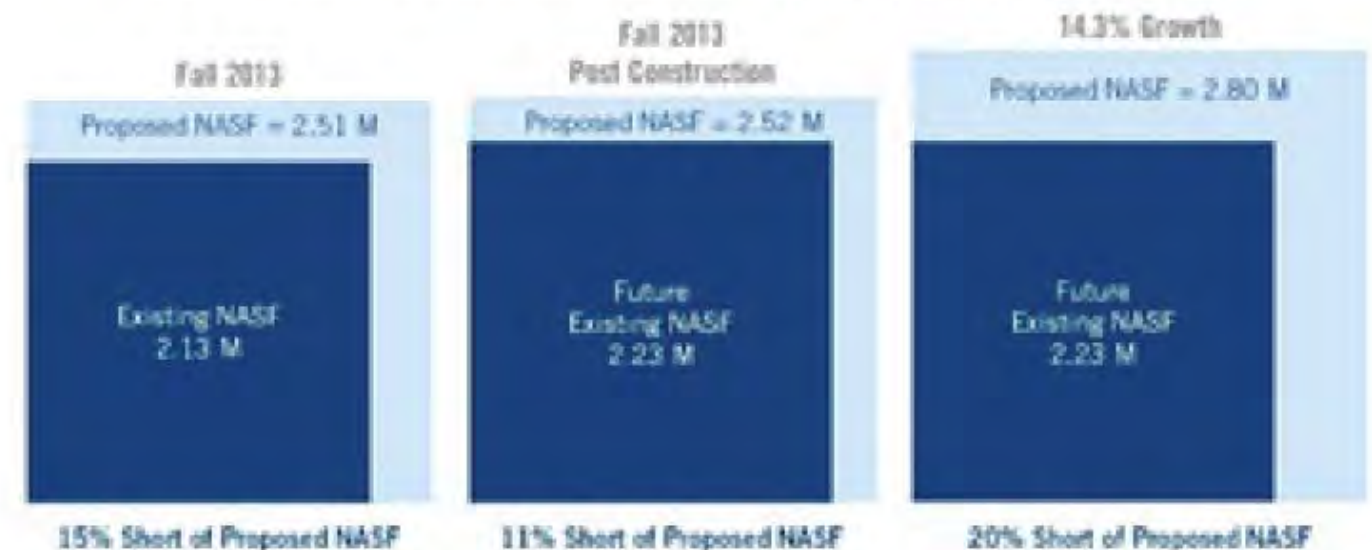
Proposed NASF = 2.51 M

Existing NASF = 2.13 M

Because not all Space is Fungible there is a **Range of Need**



## Non-Residential Space Deficiencies – The Bottom Line



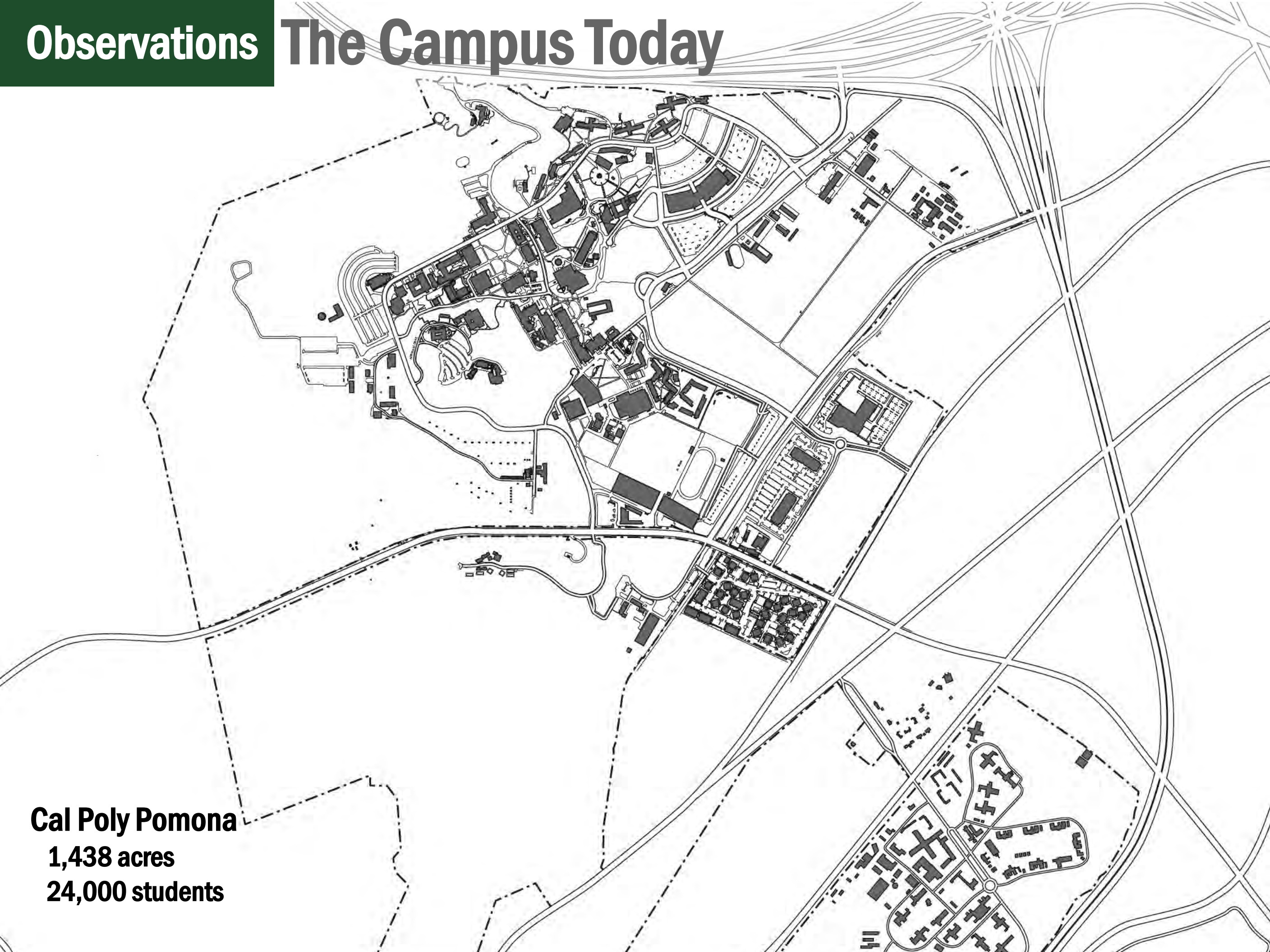


# Observations The Campus Today

**Cal Poly Pomona**

**1,438 acres**

**24,000 students**





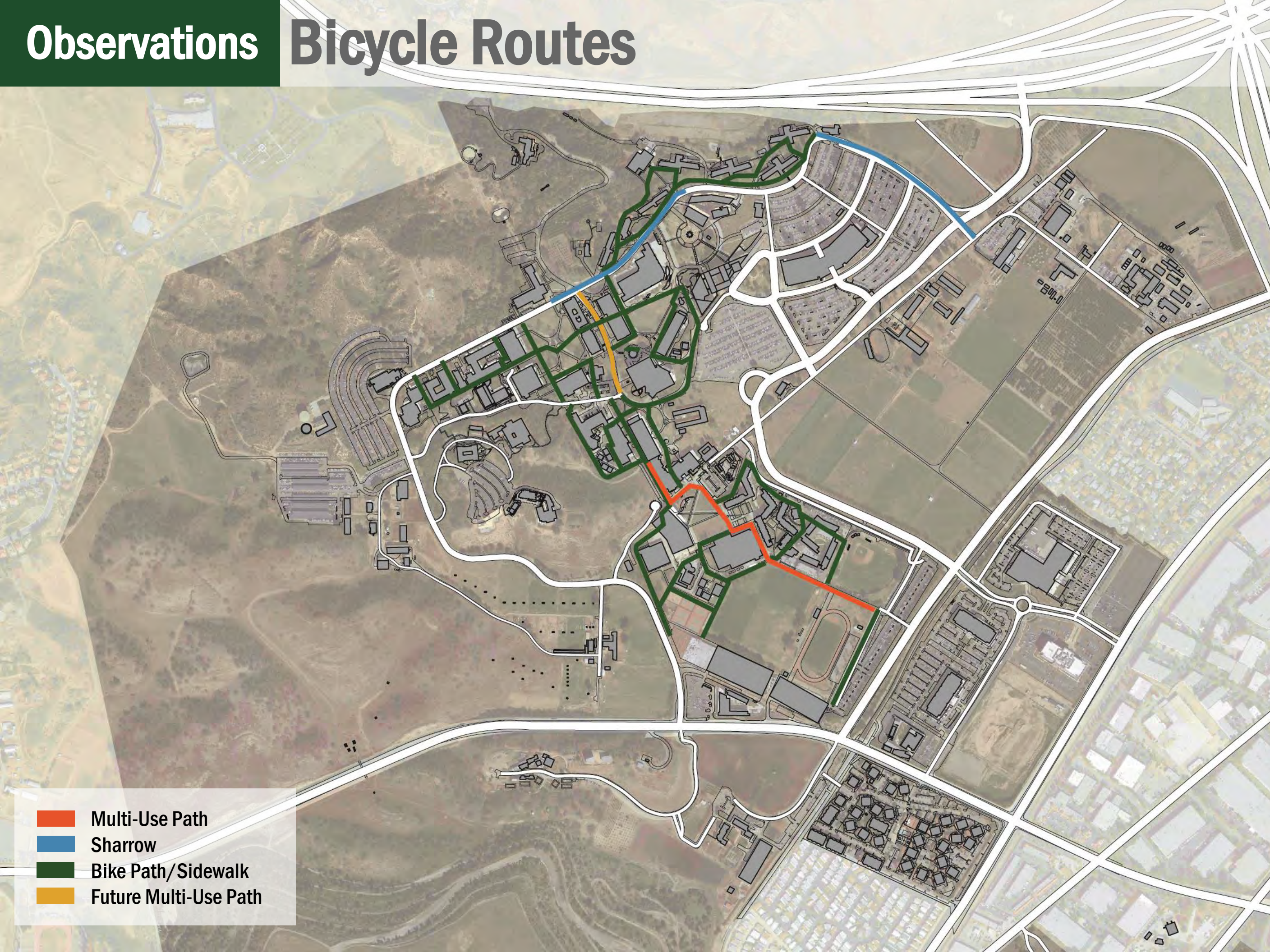
# Observations: Identity, Edges, Experience





# Observations Bicycle Routes

- Multi-Use Path
- Sharrow
- Bike Path/Sidewalk
- Future Multi-Use Path





**design fit:**

# Access, Connectivity and Safety





# Observations: Access, Connectivity and Safety





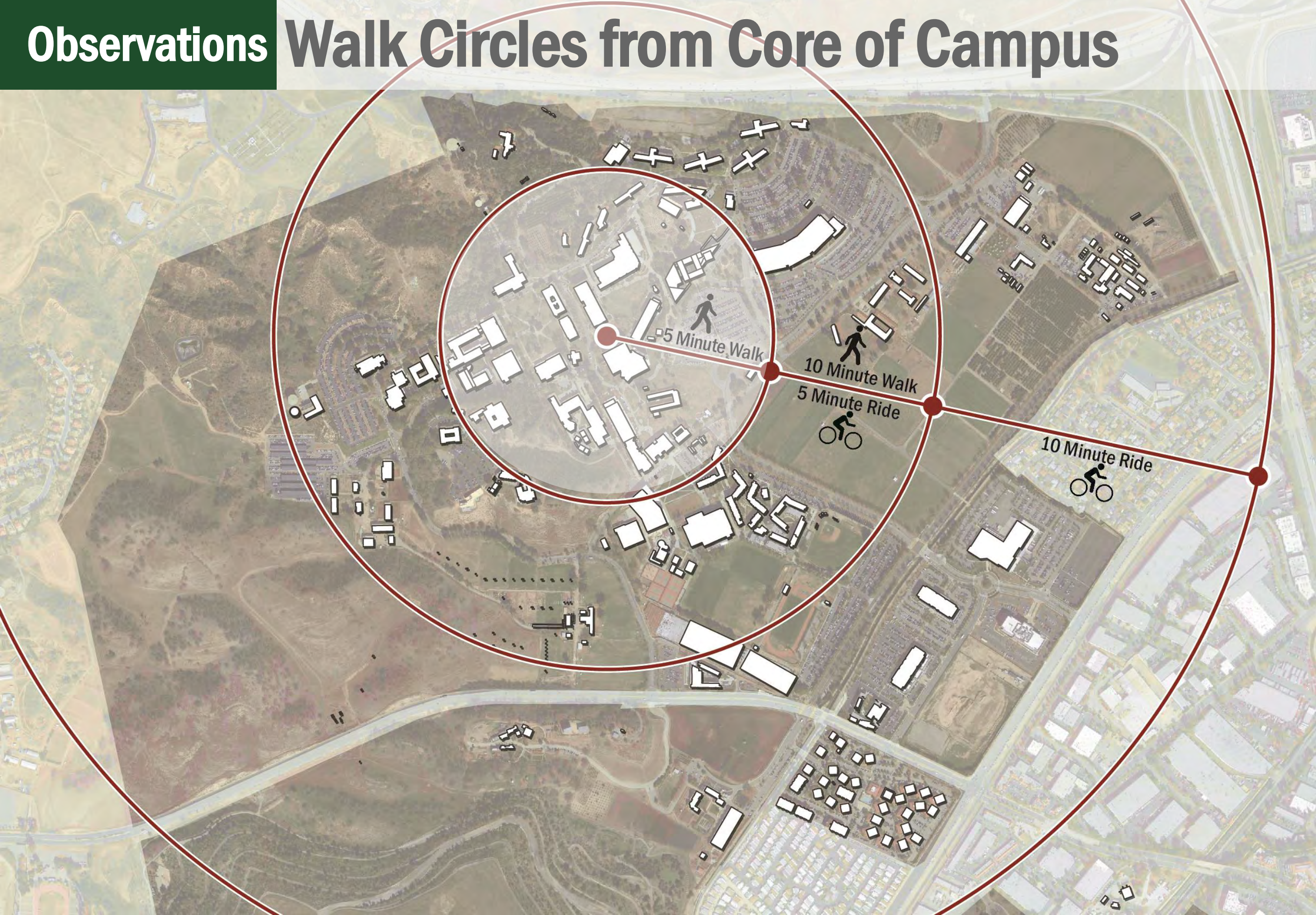
# design fit: Access, Connectivity and Safety

## OLIVE LANE



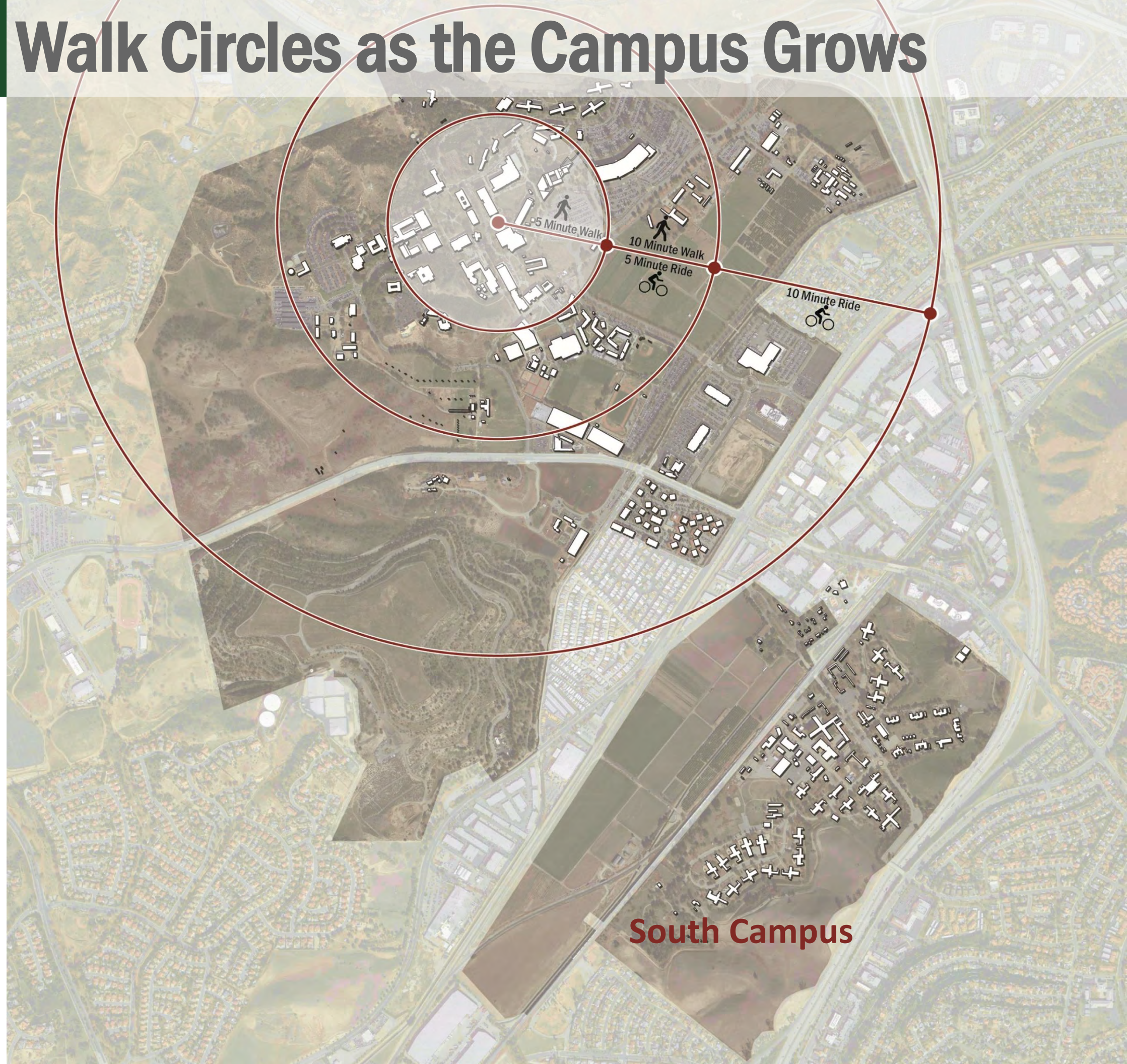


# Observations Walk Circles from Core of Campus



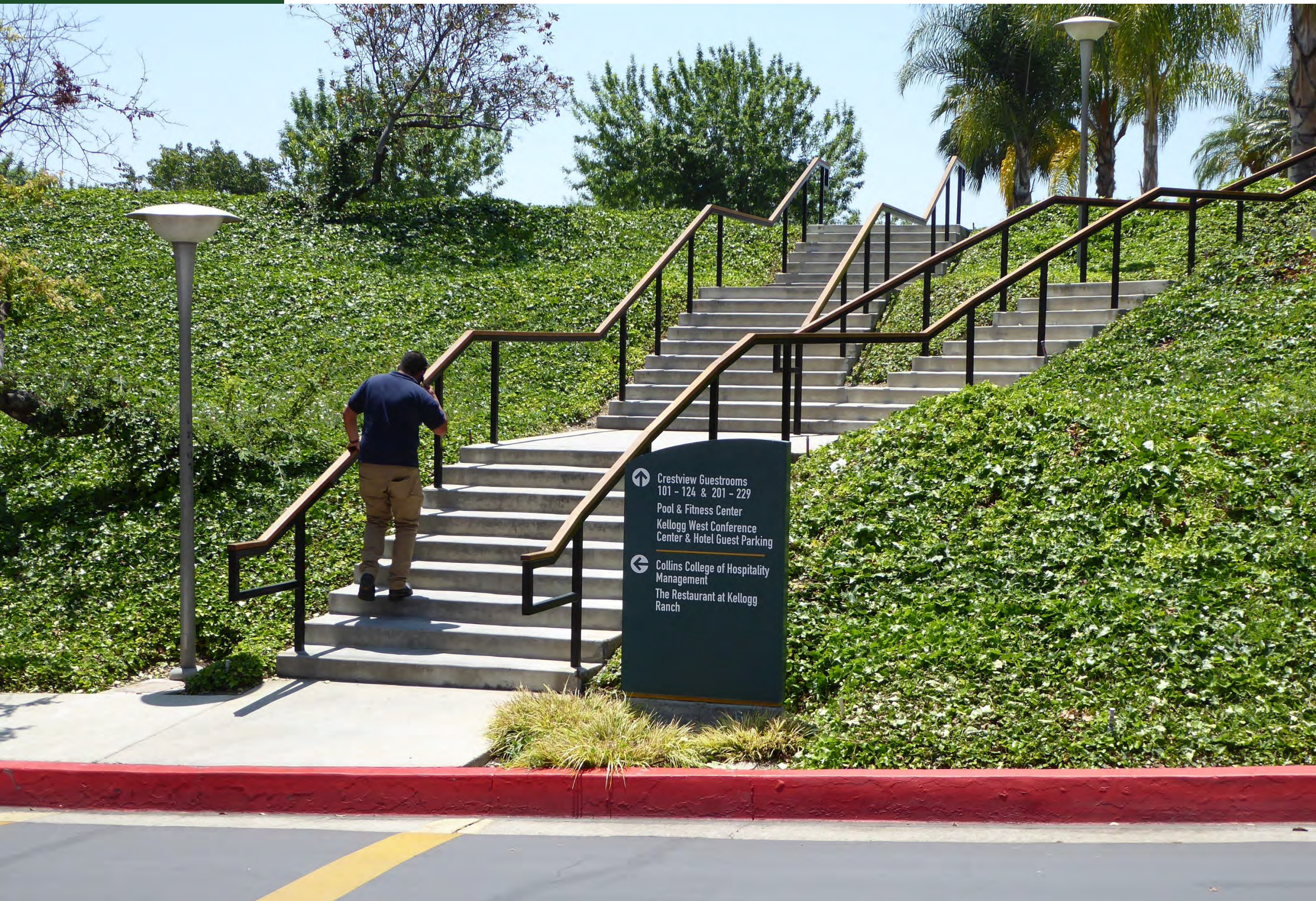


# Observations Walk Circles as the Campus Grows





# Observations: Campus Character - Topography



↑ Crestview Guestrooms  
101 - 124 & 201 - 229  
Pool & Fitness Center  
Kellogg West Conference  
Center & Hotel Guest Parking

← Collins College of Hospitality  
Management  
The Restaurant at Kellogg  
Ranch



# Observations: Campus Character - History





# Observations: Campus Character - Student Life





**design fit:**

# **Campus Character – Open Space**





# Questions + Discussion

- What's the update on the Lanterman Property?
  - *Campus South* -- <http://www.cpp.edu/~lanterman/>
  - *Feasibility Study, Due Diligence, Summary of Findings June 2017* completed
  - *RFQ for Master Developer issued, responses due October 2017*
- Will the master planners be on campus enough to understand us?
  - need to see campus at night, during rain, stormy weather -- yes, agreed!!
  - understand topography, view lines, accessibility challenges – *walk with us today!*
- How does this effort relate to 2012 planning? past master plans?
  - *2002 is the official 'master plan', 2012 wasn't adopted but extensive data gathering and analysis was done which will be utilized and updated to 2017-18 conditions*
  - sustainability goals and progress should be maintained – *agreed!*



# Questions + Discussion

- **What's the update on the Lanterman Property?**
  - *Campus South -- <http://www.cpp.edu/~lanterman/>*
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  - *RFQ for Master Developer issued, responses due October 2017*
- **Will the master planners be on campus enough to understand us?**
  - *need to see campus at night, during rain, stormy weather -- yes, agreed!!*
  - *understand topography, view lines, accessibility challenges -- walk with us today!*
  - *involve our diverse faculty and students -- that's our intention!*
  - *don't forget to include the Kellogg Foundation, their support is critical*
- **How does this effort relate to 2012 planning? past master plans?**
  - *2002 is the official 'master plan', 2012 wasn't adopted but extensive data gathering and analysis was done which will be utilized and updated to 2017-18 conditions*
  - *sustainability goals and progress should be maintained -- agreed!*



# Questions + Discussion

- **Master plan should support using the campus as a resource**
  - Campus as a living laboratory
    - Use the land for teaching, study
    - Multi-use trails, connect to off-campus regional trails, invite community use
    - Hills could be used to create an outdoor skills course for bikes, climbing
    - Students would love to participate in the design and building
  - Align with mission /vision - ‘placemaking’ with inclusion, embrace diversity
  - More focus on the Arts, on S.T.E.A.M (not only STEM)
  - Connected and interdisciplinary, with places and ‘moments’ for collaboration
  - Make innovation more visible (support Cal Poly brand)
- **Planning analysis and projections for classrooms, space needs, parking should consider GHG and Net-Zero goals for sustainability**
  - *Agreed – the most sustainable building is the one you don't build!*
  - *space utilization analysis seeks to optimize efficient use of resources*
  - *parking analysis will include counts for utilization analysis and demand management strategies will be recommended to support sustainability goals (and keep costs down)*



# Exercise: Big Picture Priorities

## Pick your Top 5 for the campus master plan

(or add your own with a wild card)

### RESULTS:

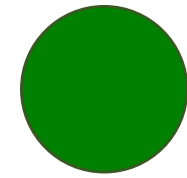
- 1. Quality facilities supporting dynamic instruction and active learning**
- 2. Attracting/retaining top quality faculty, staff**
- 3. Increasing enrollment, persistence, retention and student success**
- 4. Wildcard! (more art, visibility of student work, improved bike access, transit hub/stop)**
- 5. Optimizing alignment and utilization between programs and facilities**

1.		engaging identifiable campus civic, student, + community spaces	increasing enrollment, persistence, retention & student success
2.		meeting community, educational goals, needs, market demand	optimizing alignment, and utilization between programs and facilities
3.		attracting + retaining top quality faculty & staff	campus orientation for students + visitors to enhance wayfinding
4.		expanding degree / program offerings (degrees, credentials, certificates)	quality facilities supporting dynamic instruction + active learning
5.		invest in student life & engagement, housing, rec, study resources, collaboration	(wildcard)



## Exercise:

# Places you love!



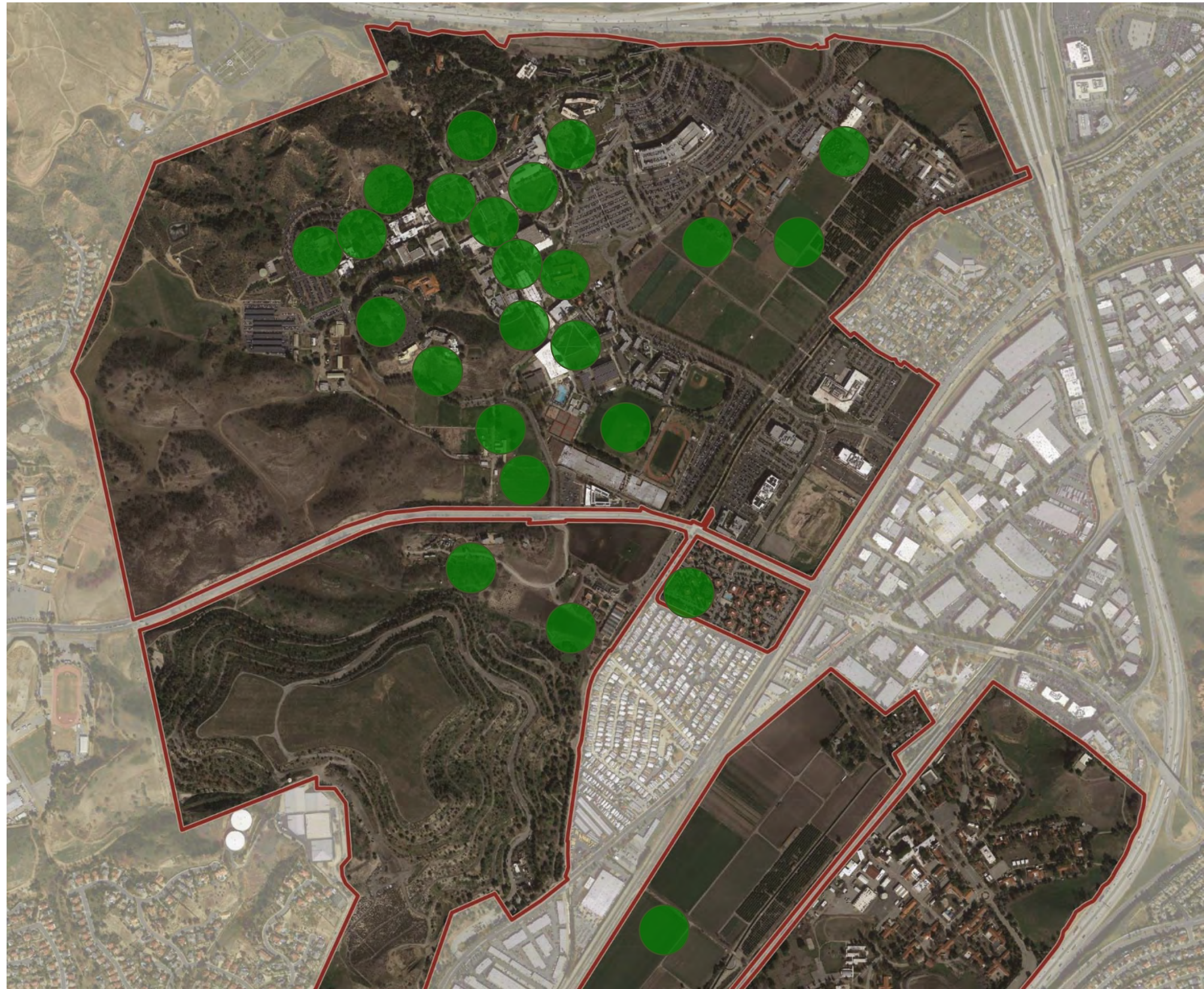
Add a DOT!

### Love...

- university quad
- civic spaces and plazas
- views of the mountains
- natural areas
- courtyards, community feel
- Japanese Garden, gardens
- Kellogg Arabian Center
- Lyle Center
- net zero buildings
- sustainable materials
- agricultural fields, Ag Valley Drive

### More....

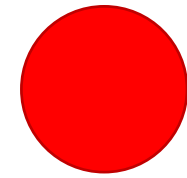
- bike lanes
- public transit access
- art galleries, sculpture garden
- solar panels above parking
- sustainable building materials





## Exercise:

# Places that could use some help



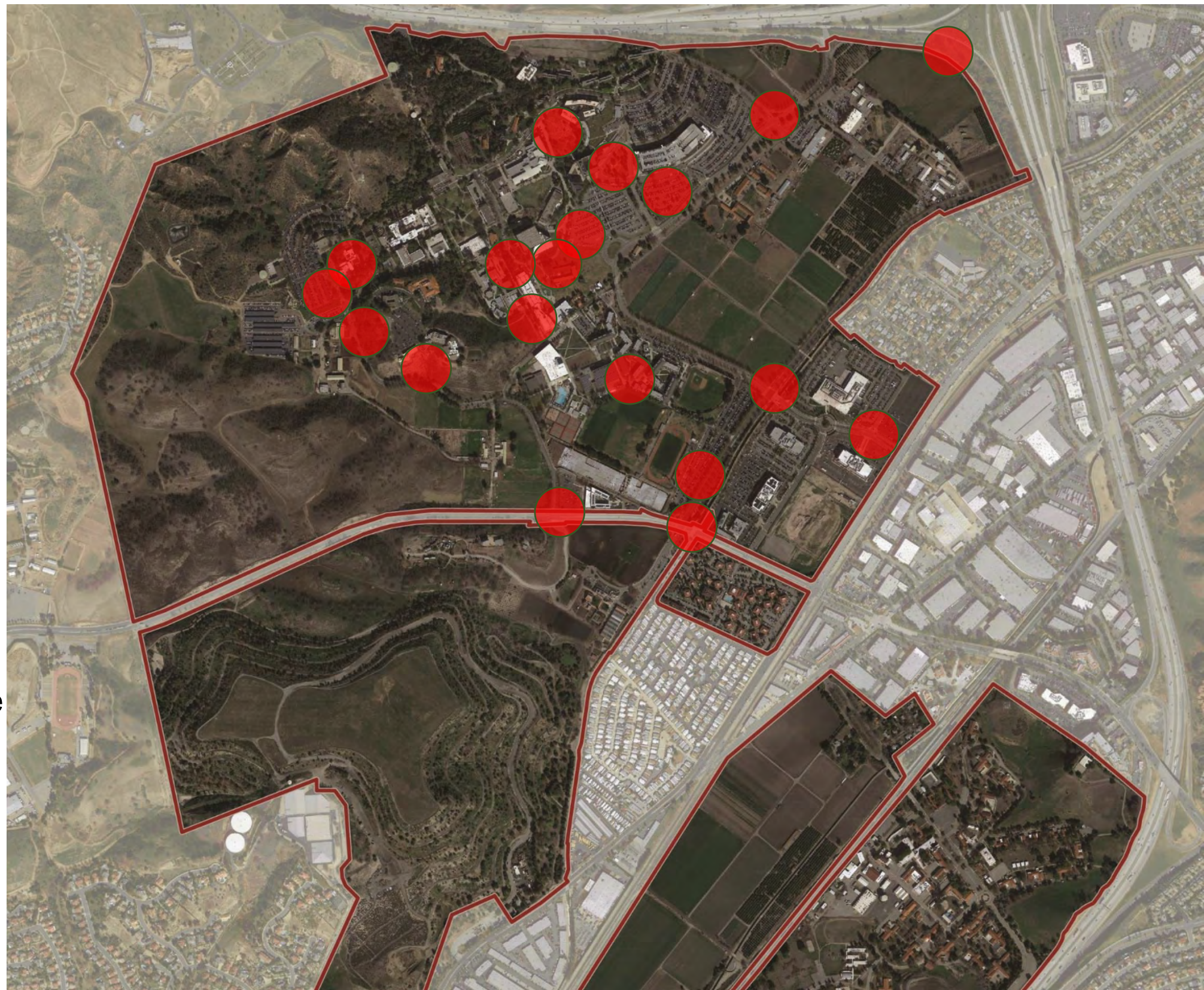
Add a DOT!

### Dislike....

- asphalt surface parking lots
- traffic (*Temple, S Campus Dr*)
- too much lawn, herbicide
- bike/ped path conflicts

### Improve....

- pedestrian safety, crossings
- Campus lighting
- Signage, wayfinding
- BSS needs renovation (*older part*)
- pedestrian mall + University Park
- expand structural testing lab
- crappy classrooms (Bldg 2,3,7?)
- storm water runoff (*flooded intersections*)
- sidewalks, accessibility
- move Student Health Center to more central + accessible location
- move Children's Center to edge
- add drop-off areas for destinations





## Exercise

# SWOT Dot Maps





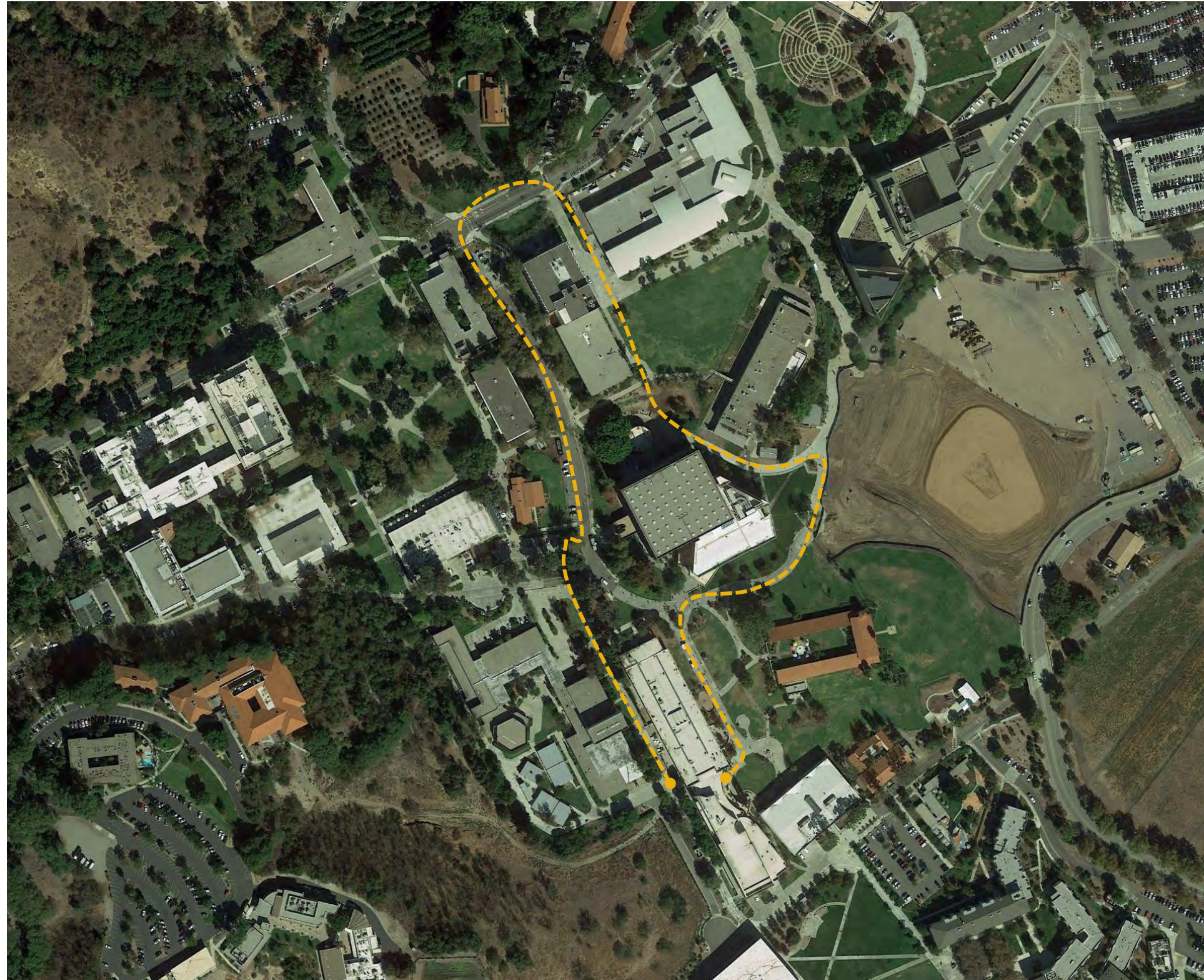
**update:**

# Campus Tour



## What we heard:

- Improve lighting to improve safety
- Create an Arts District Hub
- Improve Olive Street pedestrian mall
- Service vehicles in major pedestrian ways, challenge to the visually impaired
- Increase activity and visibility into building ground level on malls
- More small seating areas scattered throughout campus, used often
- Open spaces need activity, connectivity
- Natural spaces need better access
- Concerns about the new circulation patterns once the Student Services Building opens







Thank you!

