

California State Polytechnic University, Pomona Master Plan Update

Workshop # 1 - Open Workshop Session





AGENDA Open Workshop

Introductions

Master Planning Process

Goal + Priorities

Initial Campus Observations

SWOT Exercise

Next Steps

Planning Team: Ayers Saint Gross



Jack Black
Principal-in-Charge



Carolyn Krall
Project Manager



Linsey GraffCampus Planner



Alex Staneski Space Analytics

Consultants:

Brad Lents, Spurlock Landscape Architects
Paul Herrmann, Fehr + Peers, Transportation
Melanie Bontusa, Brightworks, Sustainability

Ayers Saint Gross: Firm Profile

PHILOSOPY

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

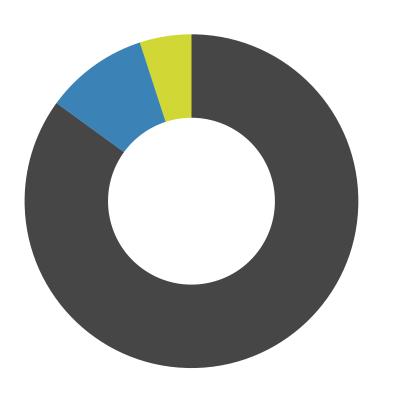
FOUNDED

STAFF

1912

160

FOCUS



All of our work is for mission-driven clients.

85%

Higher Education

15%

Cultural Institutions

5%

K-12 and Private Sector

Ayers Saint Gross: Expertise



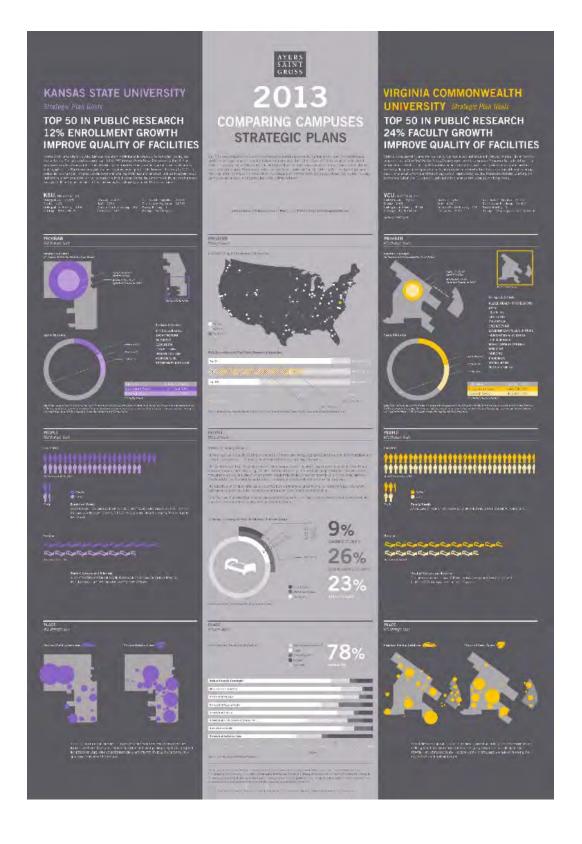
200+

Our expertise comes from the completion of over 200 master plans in the past 25 years for higher education institutions.

Abilene Christian University University of Arizona Arizona State University University of Baltimore Boise State University California State University Cal Poly Pomona College of Charleston University of Chicago University of Colorado University of Delaware Duke University Gettysburg College George Mason University George Washington University University of Georgia **Harvard Medical School** Harvard University. **Hawaii Pacific University**

Johns Hopkins University Kansas State University University of Kentucky Lafayette College Lewis University Loyola University Maryland University of Maryland, University of Massachusetts, **Montana State University** University of New Hampshire University of New Mexico, **University of North Carolina University of North Florida University of North Texas University of Notre Dame** North West Missouri **University Northern Arizona** University **Oglethorpe University**

Old Dominion University University of Rhode Island University of Richmond University of Rochester Rutgers University University of San Juan University of Scranton SUNY Brockport SUNY Oneonta Swarthmore College University of Texas at Austin University of Texas at El Paso **Texas A&M University Texas State University Towson University University of Virginia Wake Forest University**



Ayers Saint Gross Planning Philosophy

- Fact/Data and Research based
- Educational in process and approach
- Unique to Cal Poly Pomona's mission, vision, culture, and strategic plan
- Engaging and inclusive of multiple campus and community stakeholders
- Iterative, using analysis and planning to advance the plan and build consensus
- Narrative shapes the campus vision
- Supports informed decision-making
- Establishes the foundation for change





Master Planning Process

- Roles for Advisory Committee, Executive Committee
- Planning Process + Proposed Timeline
- Relationship to 2000 Master Plan, 2012 plan, current projects/plans
- Campus Engagement + Communications



Steering / Advisory Committee

Provide Planning Direction Lead Decision-making

President's Cabinet (Executive Committee)

Represent Stakeholders, Advise, Become Plan Champions

Master Plan Advisory Committee

Participate, Provide Input Be Plan Communicators

Academics (*Provost, Deans, Programs*)
Campus Stakeholder Groups, Interests

Orchestrate, Facilitate

Facilities Planning

Provide Analysis, Expertise, Content (analysis, plans, options)

Master Plan Team

planners, architects, landscape architects, civil engineers, MEP systems engineers, sustainability experts, transportation engineers, cost estimators

Why a master plan?

A master plan:

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



Previous Cal Poly Pomona Master Plans



2002 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

Planning is changing

Traditional Master Plan

physical, technical, implementation-oriented; 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



PARTNERING



INNOVATING



SYNERGY



Cal Poly Pomona unique hybrid

Steps in the Planning Process







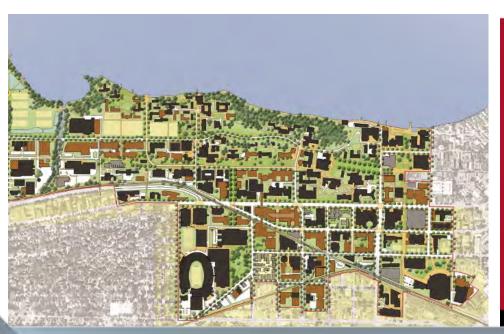
Observations & Analysis



Conceptual Plans



Area, Hub, Precinct Studies



Draft Plan w /Phasing

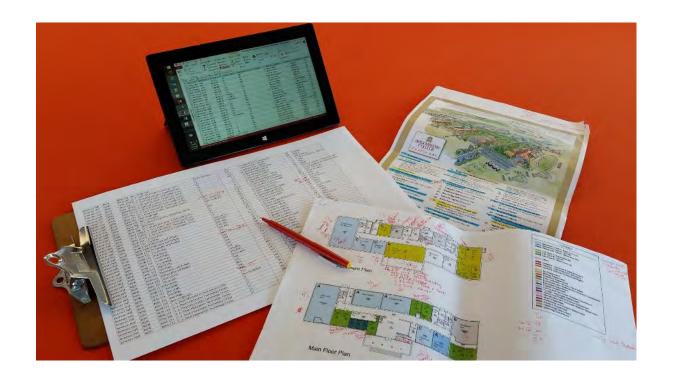


Final Plan & Report

Space Analytics

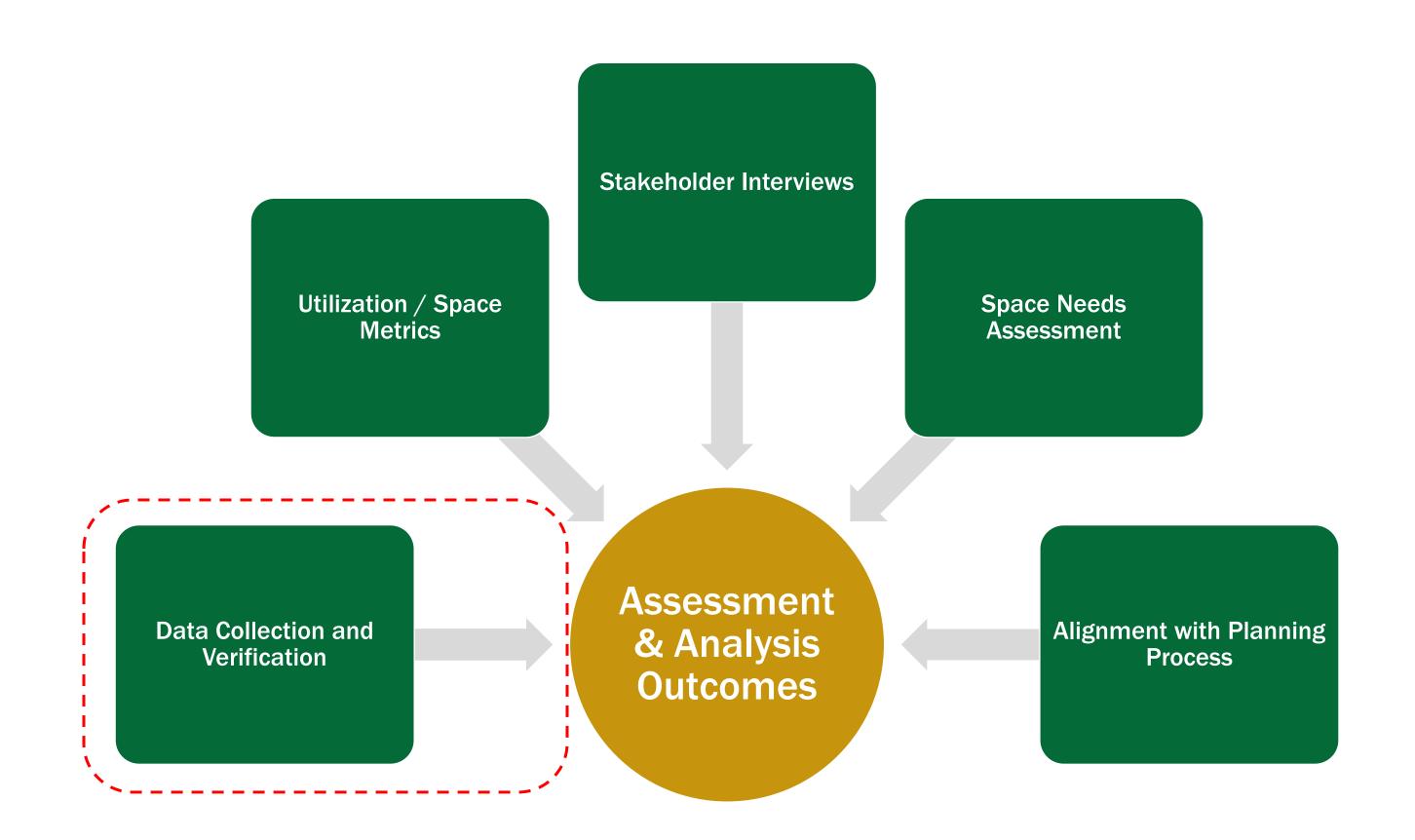
SPACE ASSESSMENT PROCESS

- 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



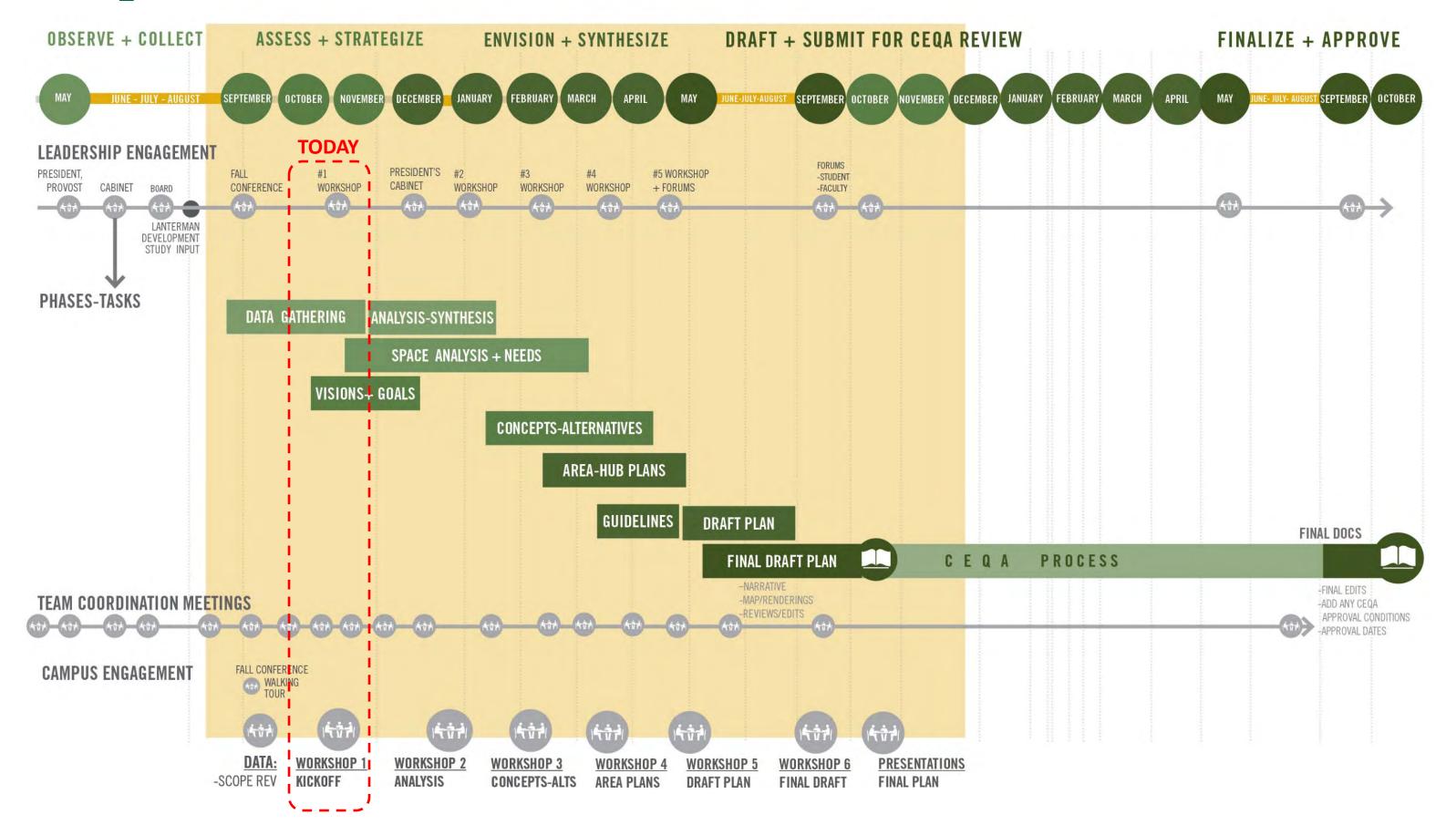
- Start with the basics of space distribution across the total university (incl Foundation, etc)
- Include analysis of land uses
 (acreage used for buildings, roads,
 parking, open space for informal use,
 rec/athletic fields, barns and
 pastures, agriculture/fields, 'no-build'
 steep slopes, etc.)

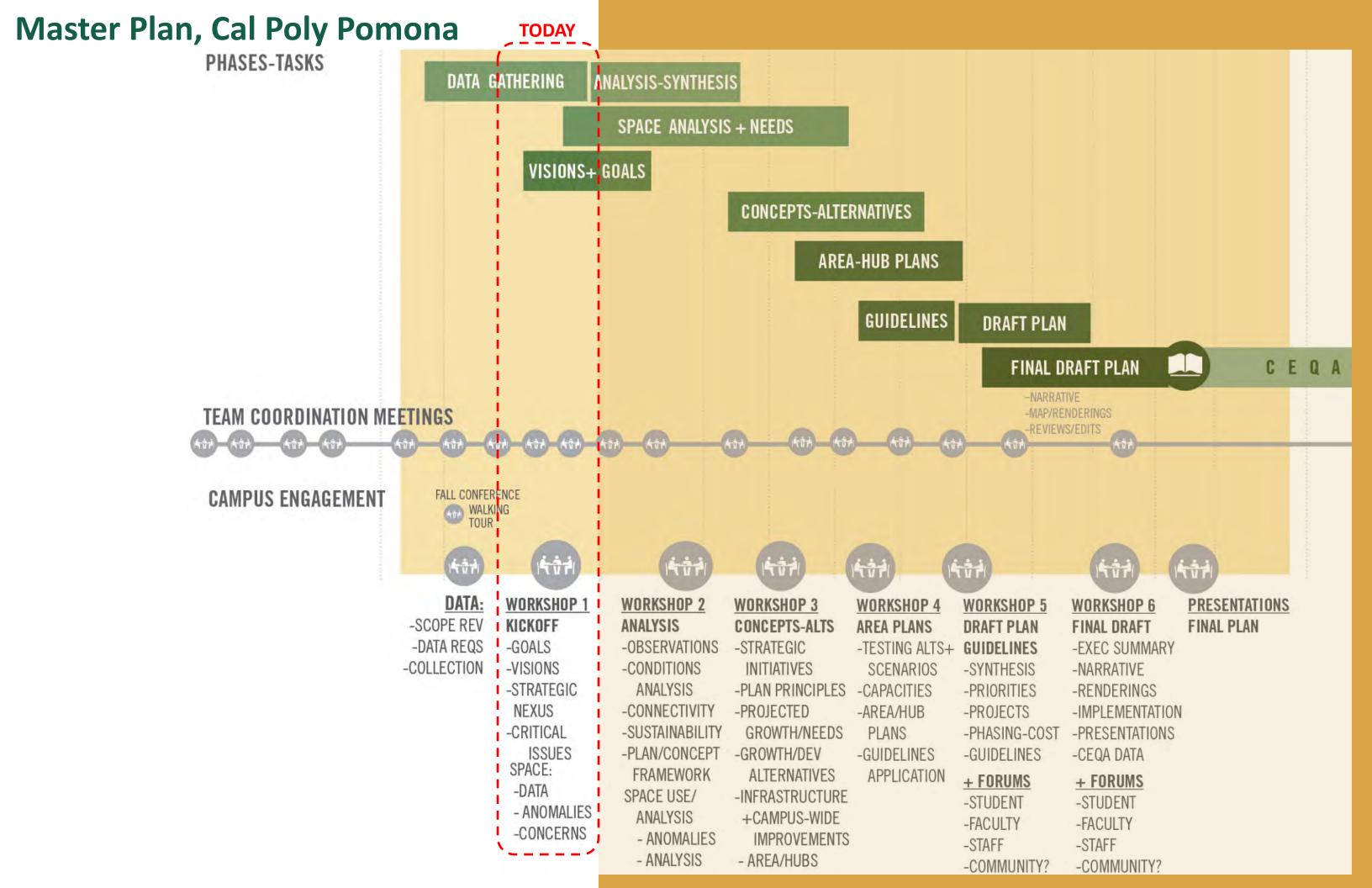
Components of the Study



Master Plan, Cal Poly Pomona

Project Timeline – Fall 2017 to Fall 2018





Workshop Based

- Tailored to Institutional Culture
- Active Listening + Collaborating
- Variety of Methods, Techniques + Tools
 - Individual Interviews
 - Steering / Advisory Group Charrettes
 - Campus / Site Tours
 - Topic Tables
 - Stakeholder Workshops
 - Community Forums
 - Web-Based

Master Plan: Workshop 02 Agenda

Tuesday July 22rd

Stakeholder: Student

| | Tuesday, July 23rd | | Wednesday, July 24th | | Thursday, July 25th |
|----------|---|-------------|---|-----------|--|
| | | | | | Travel to Hawaii Loa Campus(8:15) |
| 9:00 AM | | 9:00 AM | Staff Focus Group-Athletics & Rec HPU: DV +++ / HDR: JM /ASG: KK, LK, DD | 9:00 AM | Faculty Focus Groups-Nursing |
| 9:30 AM | FTE Review HPU: Jason FU ASG: KK, JB / HDR: JM | 9:30 AM | 9:00-10:00 (Athletic Dept Conference Room) | 9:30 AM | |
| 10:00 AM | ASG: LK, DD 9:30-10:30am (President's Conference | 10:00 AM | HPU Downtown Tour HDR: JM, NS / ASG: KK, LK | 10:00 AM | |
| 10:30 AM | (Jason's Office) Room) HPU ATM & Piers 8-10 Tour HDR: JM, NS / ASG: KK, LK | 10:30 AM | 10:00-12:00 | 10:30 AM | Faculty Focus Groups-Natural Science 11:00-12:00 (Location: AC101 at HLC) |
| 11:00 AM | 10:30-12:00 | 11:00 AM | | 11:00 AM | HPU Hawaii Loa Tour |
| 11:30 AM | | 11:30 AM | | 11:30 AM | HDB- IW / ASC- KK TK |
| 12:00 PM | | 12:00 PM | | 12:00 PM | |
| 12:30 PM | Lunch 12:00-1:00 | 12:30 PM | Lunch 12:00-1:00 | 12:30 PM | Return to Downtown / Lunch |
| 1:00 PM | HPU Working Group HPU: GB, MLT, JK HDR: JM, NS | 1:00 PM | | 1:00 PM | |
| 1:30 PM | ASG: JB, KK, LK, DD (1:00-2:30) | 1:30 PM | Board of Trustees Strategic Planning Committee | 1:30 PM | |
| 2:00 PM | | 2:00 PM | | 2:00 PM | |
| 2:30 PM | Student Focus Group HDR: JM / ASG: KK, LK, DD | 2:30 PM | Fresident's Conference Room | 2:30 PM | Town Hall - Campus Wide |
| 3:00 PM | 2:30-3:30 (Student Org Conference Room) | 3:00 PM | 3 | 3:00 PM | HDR: JM, NS / ASG: DD, JB, KK, LK 2:00-4:00 (Sharky's Cove) |
| 3:30 PM | Faculty Focus Group | 3:30 PM | Steering Committee & Core Team HDR: JM, NS / ASG: JB, KK, LK, DD | 3:30 PM | |
| 4:00 PM | Humanities and Social Sciences 3:30-4:30 (Location: FSCR, 1166 FT. Street) | 4:00 PM | 2.1E E.OO (Drocident's Conference Doom) | 4:00 PM | Core Team - Wrap Up Session |
| 4:30 PM | Faculty Focus Group | 4:30 PM | | 4:30 PM | HPU: GB, JK, MLT 4:00-5:00 (President's Conference Room) |
| 5:00 PM | College of Business 4:30-5:30 (Location: FSCR, 1166 Ft. Street) | ess 5:00 PM | | | |
| 5:30 PM | | 5:30 PM | | 5:30 PM | |
| 6:00 PM | Planning Team Working Session 6:00- 7:?? | 6:00 PM | Town Hall - Alumni HDR: JM, NS / ASG: JB, DD | 6:00 PM | |
| 6:30 PM | 0.00- : : : | 6:30 PM | 6:00-7:30 (Location: LB 315) | 6:30 PM | |
| 7:00 PM | | 7:00 PM | | 7:00 PM | |
| 7:30 PM | | 7:30 PM | | 7:30 PM | |
| 8:00 PM | | 8:00 PM | | 8:00 PM | |
| | Legend Core Team | | Stakeholder: Facult | y & Staff | Campus Tours |
| | Working Group | | Town Hall / Open F | orums | Other |
| | Stakeholder: Studen | at . | Leadership Group | | |

Leadership Group

Wodnosday, July 24th

Thursday July 25th

Campus Engagement + Communications







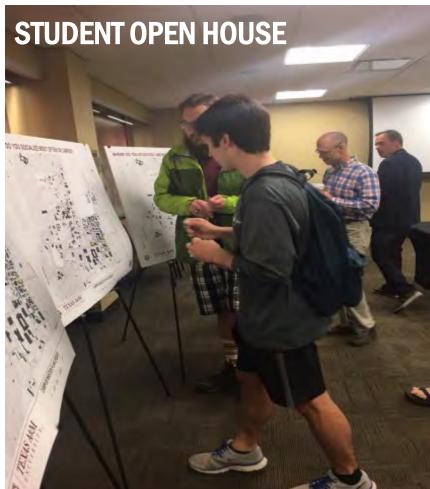


















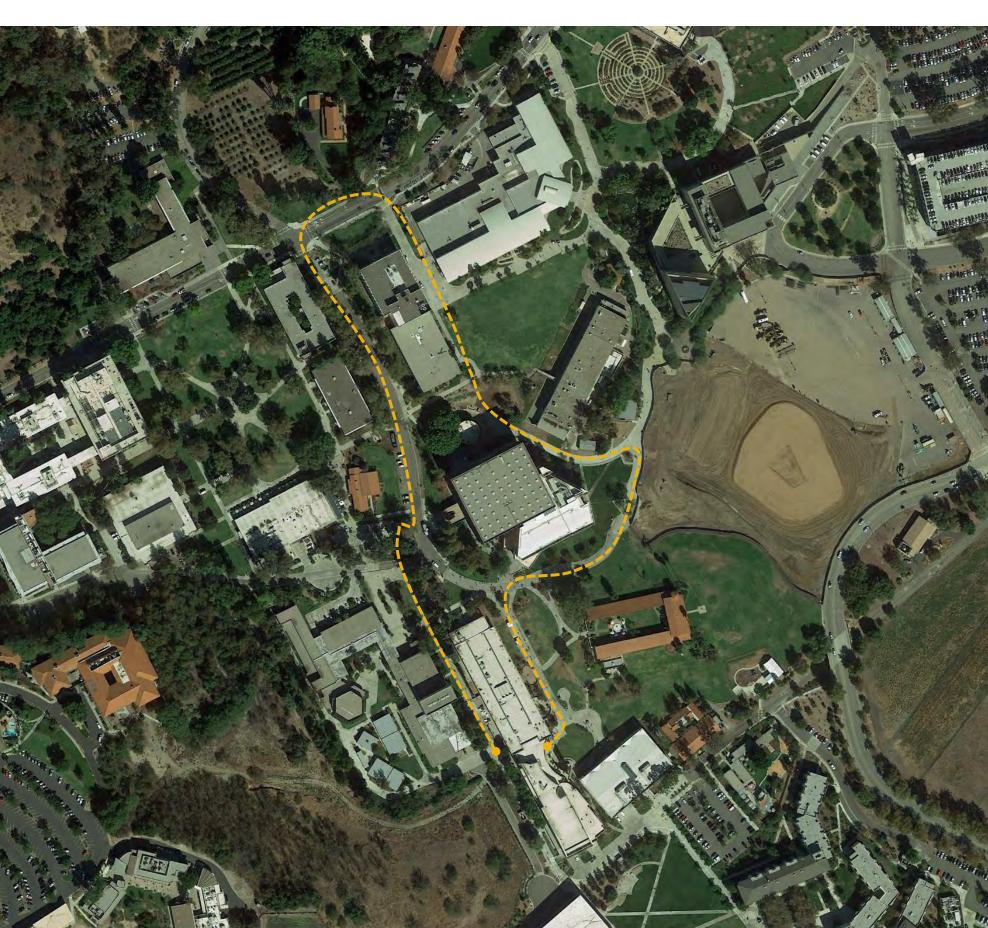


Campus / Site Walks









Exercises, Focus Groups, Topic Tables



Campus 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

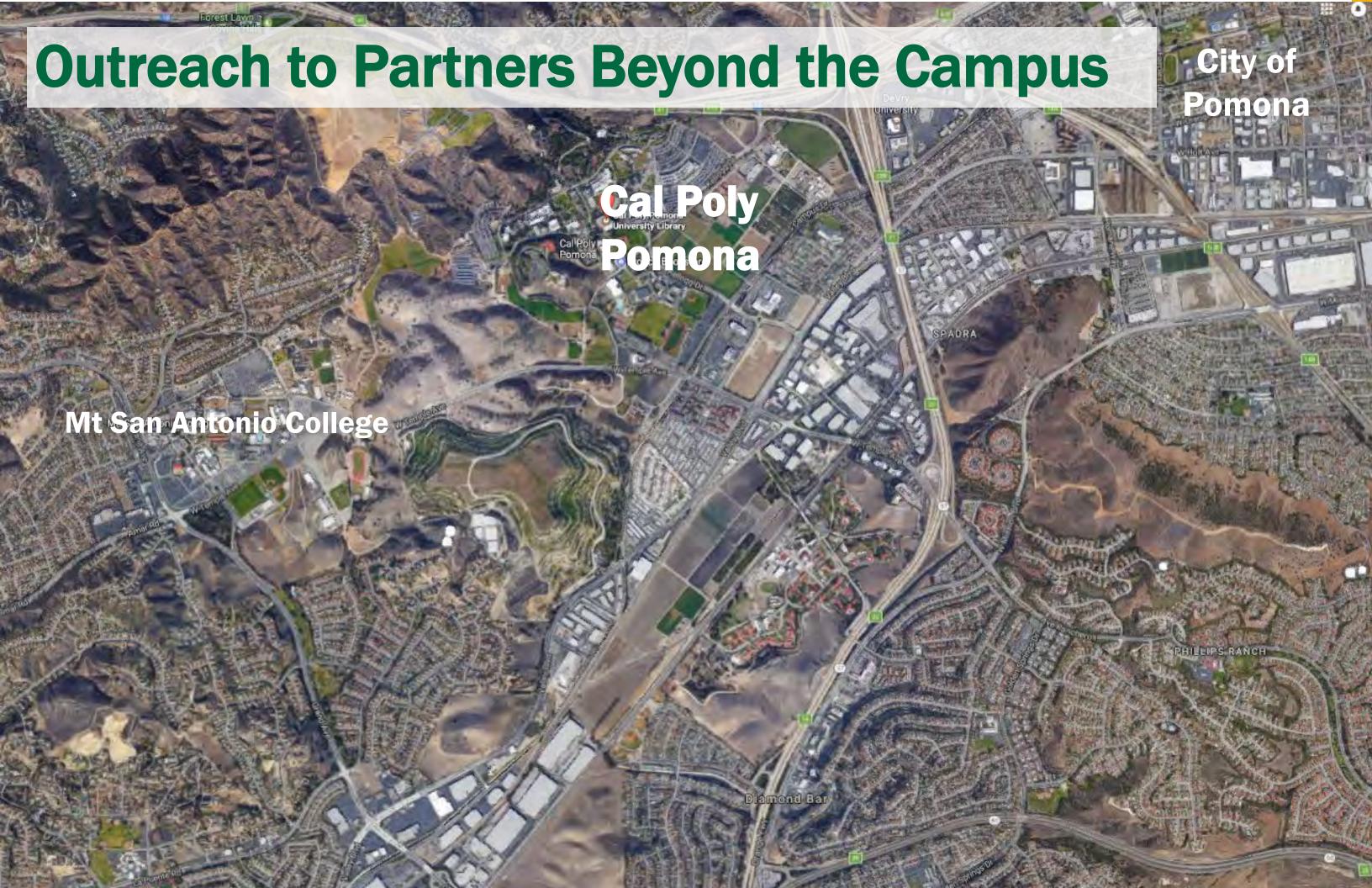
WHEN: Thursday April 10, 12:30-2:30 pm WHERE: SUB Simplot A Ballroom

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





Campus Engagement + Communications



| niversity Student Satisfaction Template | |
|--|--|
| The state of the s | |
| How effective is the teaching within your major at this university? | |
| Extremely effective | |
| Very effective | Answered: 233 Skipped: 24 |
| Moderately effective | |
| Slightly effective | |
| Not at all effective | |
| 2. How effective is the teaching outside your major at this university? | |
| Extremely effective | |
| Very effective | |
| Moderately effective | |
| Slightly effective | |
| Not at all effective | 0% 20% 40% 50% 80% 1 |
| 3. How well do the classrooms at this university meet the learning needs of students? | |
| Extremely well | |
| Very well | |
| Moderately well | |
| Slightly well | |
| Not at all well | Answered: 474 Skipped: 2 First: 4/4/2013 Zoom: 6/24/2013 to 9/15/2013 |
| O 100 th th 100 | 30 |
| 4. How helpful is your academic advisor? | 25 |
| © Extremely helpful | 20 |
| Very helpful | 15 |
| Moderately helpful | 10 |
| Slightly helpful | 3 |
| Not at all helpful | |
| | Street, West, West, West, West, Butter, Better, Street, Street |
| 5. How easy it is to register for courses at this university? | |
| Extremely easy | |
| Very easy | |
| Moderately easy | |
| ○ Slightly easy | |
| Not at all easy | |
| 6. How safe do you feel on campus? | Answered: 474 Skipped: 2 First: 4/4/2013 Zoom: 4/22/2013 to 7/15/2013 100% |
| C Extremely safe | 50% |
| ○ Very safe | |
| ○ Moderately safe | 60% |
| ○ Slightly safe | 40% |
| Not at all safe | 20% |
| 7. How helpful is the staff at the on-campus health center? | of attents after a second account attents after a second attent a |
| Extremely helpful | |
| Very helpful | |
| Moderately helpful | |
| ○ Slightly helpful | |
| Not at all helpful | |

Deliverables

- Final Report Booklets
 - Executive Summary
 - Implementation Strategies
 - Cost & Funding
- Master Plan Website
- Renderings
- Space Assessment & Needs SAMi
- Digital 3D Model
- Campus Guidelines
 - Architectural
 - Landscape
 - Infrastructure & Systems
 - Sustainability
 - Space Standards





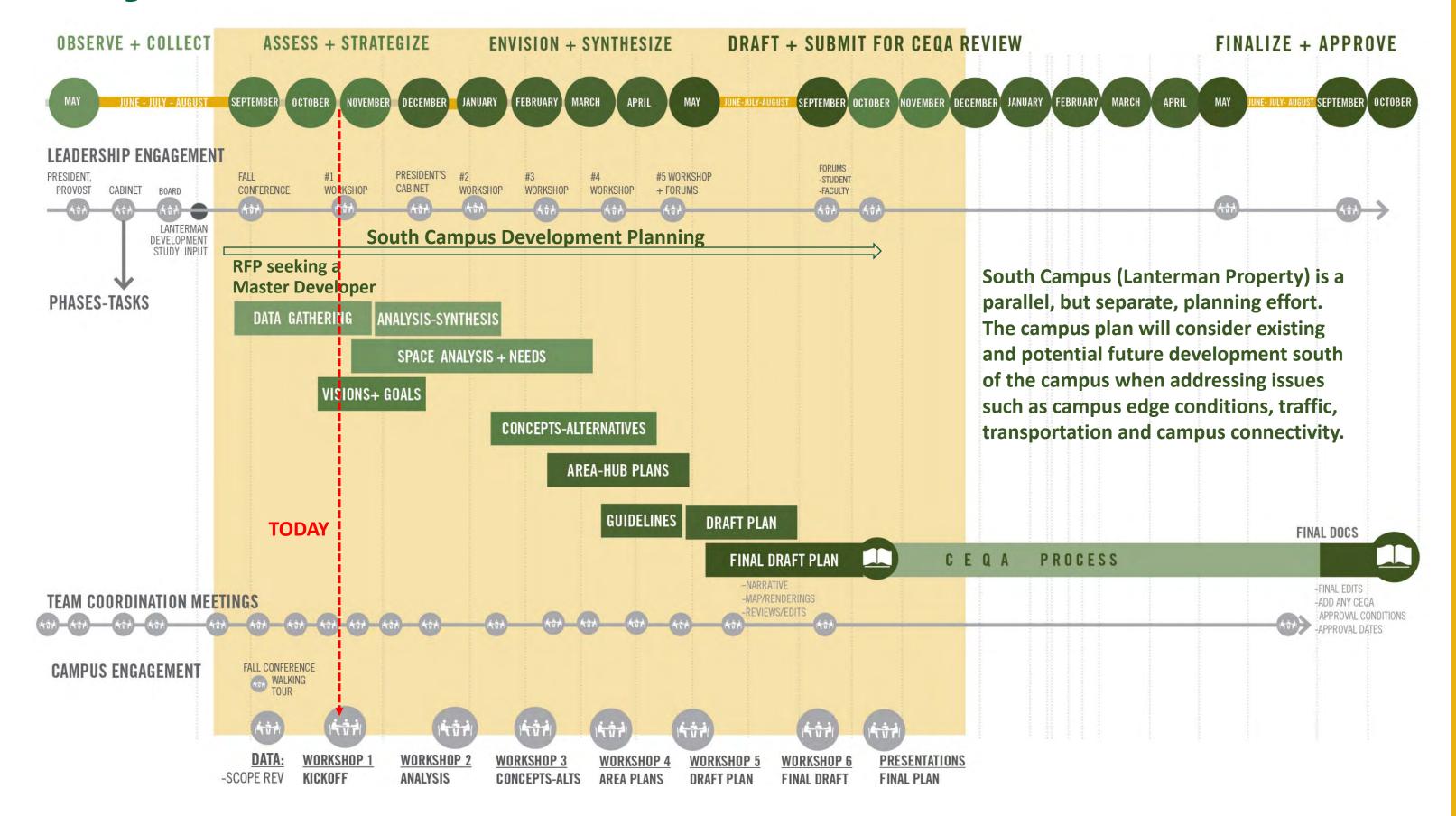
Questions about the Process?

- When will analysis consider existing conditions (some facilities are really outdated)?
 - initial data analysis indicates use, follow-up may reveal existing conditions impacting use / function
 - space audit may be necessary (not included in master plan scope at this time)
 - after 2nd workshop (February-March-April) -- focus will be on instructional facilities (classrooms, class labs)
- What about other space, such as faculty offices? More informal gathering space and more food choices?
 - overall analysis looks at all space types
 - team will look creatively at space , including faculty suites with collaboration spaces, 'sticky space', greater flexibility to meet changing needs
- What's going on with the Lanterman property? Will it be part of the master planning?
 - see schedule graphic-notes which follows





Master Plan, Cal Poly Pomona Project Timeline – Fall 2017 to Fall 2018



Goals + Priorities

- Mission, Values, Goals
- Strategic Plan + Academic Plan Priorities
- Strategic Plan Master Plan Nexus (U of Arizona case study)
- Priorities Exercises results from President's Cabinet, Fall Conference

MASTER PLAN GOAL

The 2018 Cal Poly Pomona Master Plan Update will be comprehensive, broad, and intentional about furthering Cal Poly Pomona's place in the future of the country.

MISSION

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

Values













Strategic Initiatives



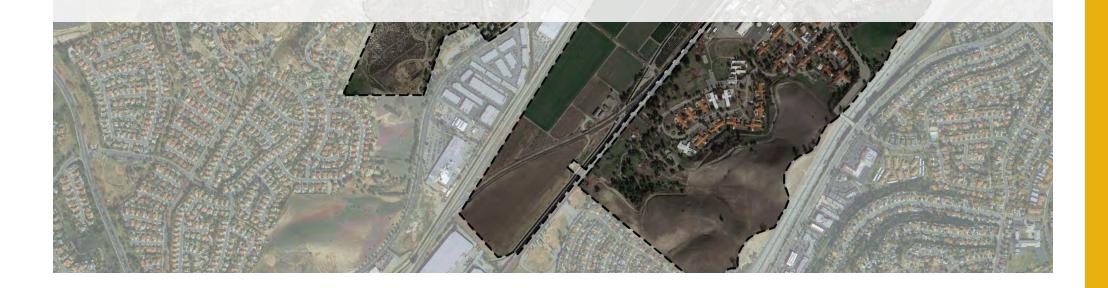
Deliver quality programs that promote integrative learning, discovery, and creativity.

Enhance Student Learning, Development, and Success

Prepare our students for the future of Work and Civic Engagement

Strengthen our Economic Vitality and Impact

Advance Organizational Development and Employee Excellence



Strategic Plan NEXUS with Master Plan

- Engagement with community
- Our place in our community, in the region, in the future of the country
 - Polytechnic tech and skillsoriented, 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 housing on campus is good, but resident students are still in the minority
 - commuting students should feel equally 'at home' on campus
- HUBS of interest where, how does multidisciplinary engagement happen?

Academic Master Plan NEXUS with Master Plan

- Academic + Co-curricular experience
- Collaborative Learning

• Creativity, discovery, and innovation

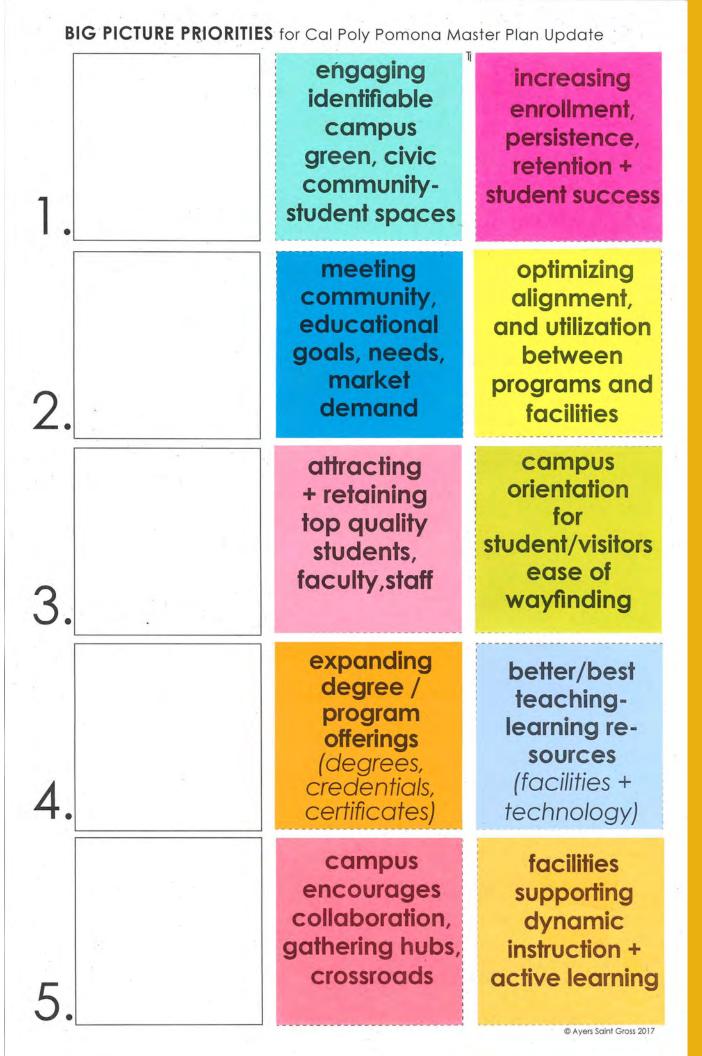
Critical thinking and problem solving

 Polytechnic, the future of work, career readiness

- Places for engagement
- HUBS with synergies, corridors of collaboration (bold plan)
- Epicenter for creativity, discovery, innovation supported by flex studios, maker spaces
- Changing learning/teaching expectations and environments
- Challenge of getting work done (nitty-gritty)

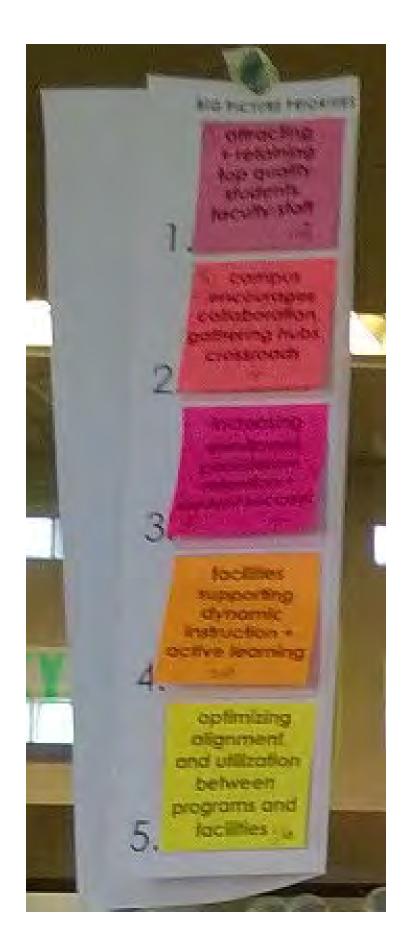
Big Picture Priorities

What are your TOP 5?



Big Picture MP Priorities (President's Cabinet)

- 1. Attracting/retaining top quality faculty, staff
- Campus encourages collaboration, gathering hubs and crossroads
- 3. Increasing enrollment, persistence, retention and student success
- 4. Increasing enrollment, persistence, retention and student success
- Optimizing alignment and utilization between programs and facilities



Exercise: Big Picture Priorities (Fall Conference)



Exercise: Big Picture Priorities

| Respondent | Quality facilities supporting dynamic instruction and active learning | Attracting and retaining top quality faculty and staff | Increasing enrollment, persistence, retention and student success | Wild Card! | Optimizing alignment, and utilization between programs and facilities | Engaging Identifiable Campus, Civic, Student and Community Spaces | Campus Orientation for Students and Visitors to Enhance Wayfinding | Meeting community, educational goals, needs, market demand | Invest in student life and engagement, housing, rec, student resources, collaboration | Expanding degree/progra m offerings |
|-----------------|---|--|---|------------|---|--|--|--|---|-------------------------------------|
| TOTA L VOTES | | 65 | 65 | 61 | 57 | 43 | 39 | 37 | 27 | 13 |
| Percent | | 13% | 13% | 12% | 11% | 8% | 8% | 7% | 5% | 3% |

- 1. Quality facilities supporting dynamic instruction and active learning
- 2. Attracting/retaining top quality faculty and staff
- 3. Increasing enrollment, persistence, retention and student success
- 4. Wild Cards!
- 5. Optimizing alignment between programs and facilities

Exercise: Big Picture Priorities

| Respondent | Quality facilities supporting dynamic instruction and active learning | Attracting and retaining top quality faculty and staff | Increasing enrollment, persistence, retention and student success | Wild Card! | Optimizing alignment, and utilization between programs and facilities | Campus, Civic, Student and | Campus Orientation for Students and Visitors to Enhance Wayfinding | Meeting community, educational goals, needs, market demand | Invest in student life and engagement, housing, rec, student resources, collaboration | Expanding degree/progra m offerings |
|------------|---|--|---|-------------|---|-------------------------------|--|--|---|-------------------------------------|
| TOTAL | | | | 0.4 | | 40 | | | 0- | 40 |
| VOTES | 103 | 65 | 65 | 61 | 57 | 43 | 39 | 37 | 27 | 13 |
| Percent | 20% | 13% | 13% | 12 % | 11% | 8% | 8% | 7% | 5% | 3% |



#4 WILD CARDS:

- Visibility of Artwork on campus
- Visibility of Student Work
- Demonstrate Sustainability
- Improve Access for Bikes
- Creation of Transit Hub/Stop

EXERCISE: Well Aligned Priorities

President's Conference

- 1. Attracting/retaining top quality faculty/staff
- 2. Campus encourages collaboration, gathering hubs, crossroads
- 3. Increasing enrollment, persistence, retention, student success
- 4. Quality facilities supporting active learning
- 5. Optimizing alignment between programs and facilities

Fall Conference

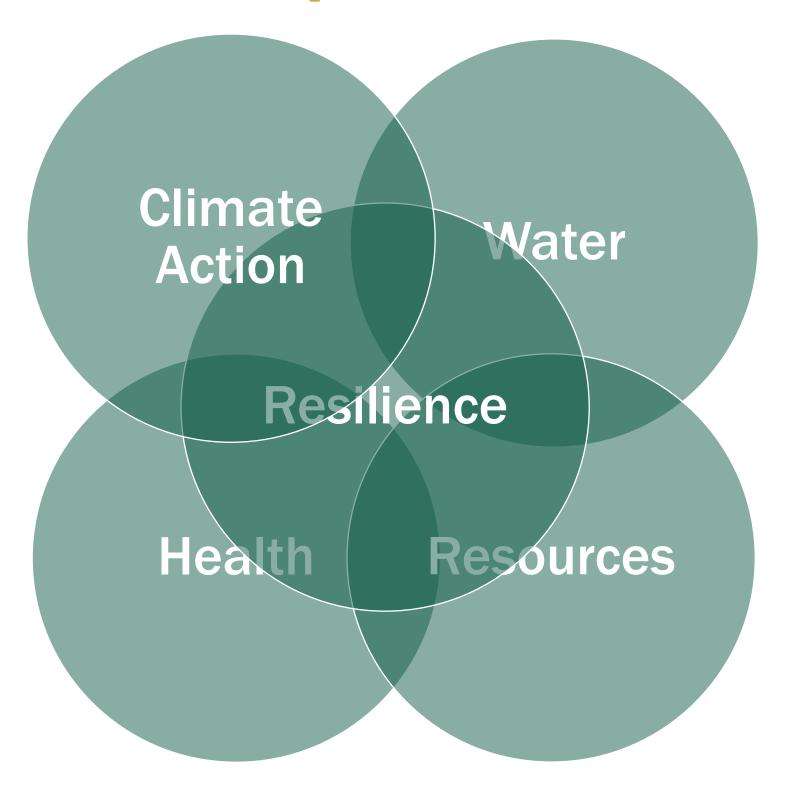
- 1. Quality facilities supporting active learning
- 2. Attracting/retaining top quality faculty/staff
- 3. Increasing enrollment, persistence, retention, student success
- 4. Wild Card!
- 5. Optimizing alignment between programs and facilities

Sustainability + Goal Setting

"Sustainable development is the kind of development that meets the needs of the present without compromising the ability of future generations to meet their own needs."

Sustainable Solutions

Diversity - Leadership - Innovation - Collaboration



Sustainability Issues

Climate Change

Drought

Extreme Weather

• Fire

Air & Water Pollution

Clean Water Access

Toxic Waste

Health Epidemics

Deforestation

Extinction

Resource Depletion

Sustainable Solutions

Climate Action

Buildings

Transportation

Energy Supply

Water Efficiency

Watershed Restoration

Wellness - Active Design

Healthy Materials

Recycling

Renewable Materials

Occupant Wellness

Biophilic Design

Resiliency Planning

Questions + Comments?

- Suggest the planners spend time using a wheelchair or scooter in campus to understand the
 accessibility challenges and the difficulty of negotiating the campus
- Will colleges have the opportunity to provide input on facilities needs? There have been many changes in leadership over the last few years, so planning needs to involve faculty and staff to understand past and present issues (as well as potential future needs).

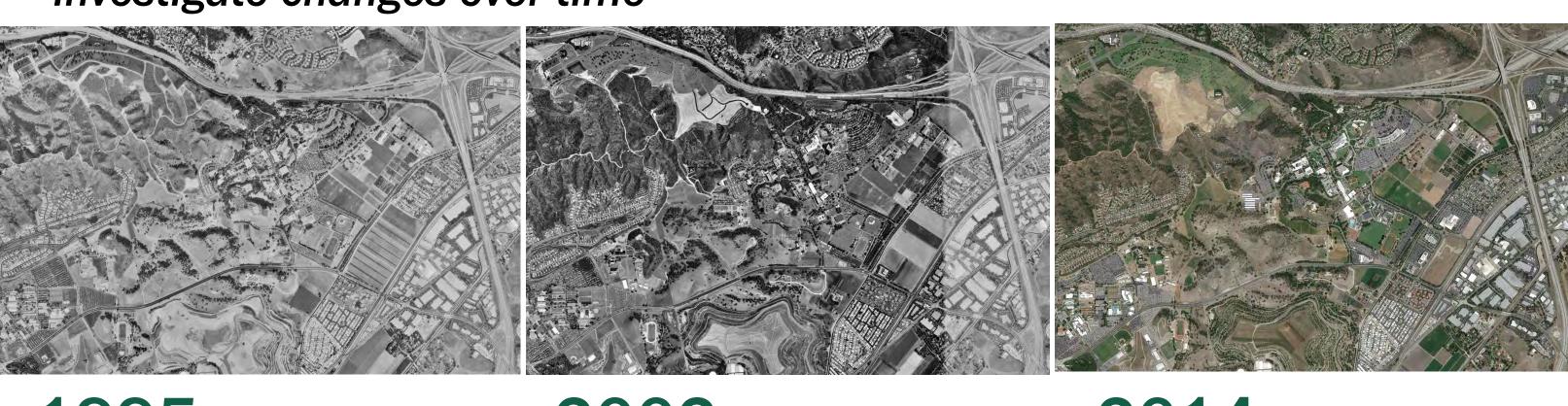




Campus Observations a work in progress

Campus Development

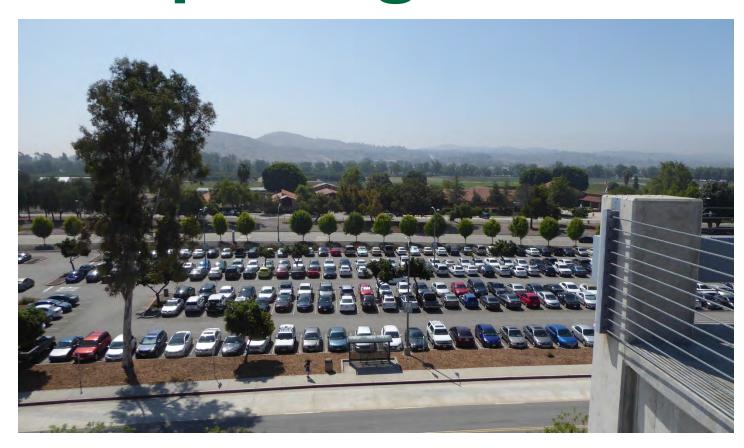
investigate changes over time



1995 2002 2014

FOCUS: Campus Identity, Character

Campus Edges and Identity

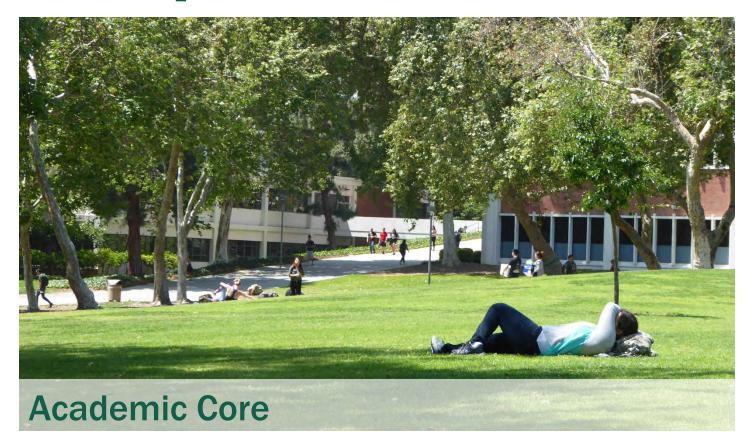






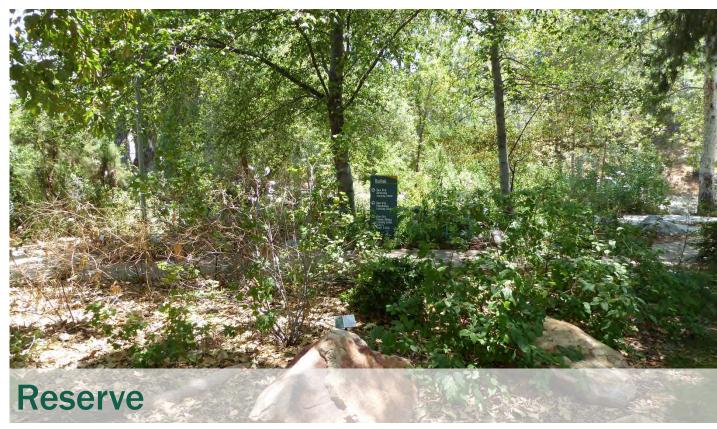


Campus Character

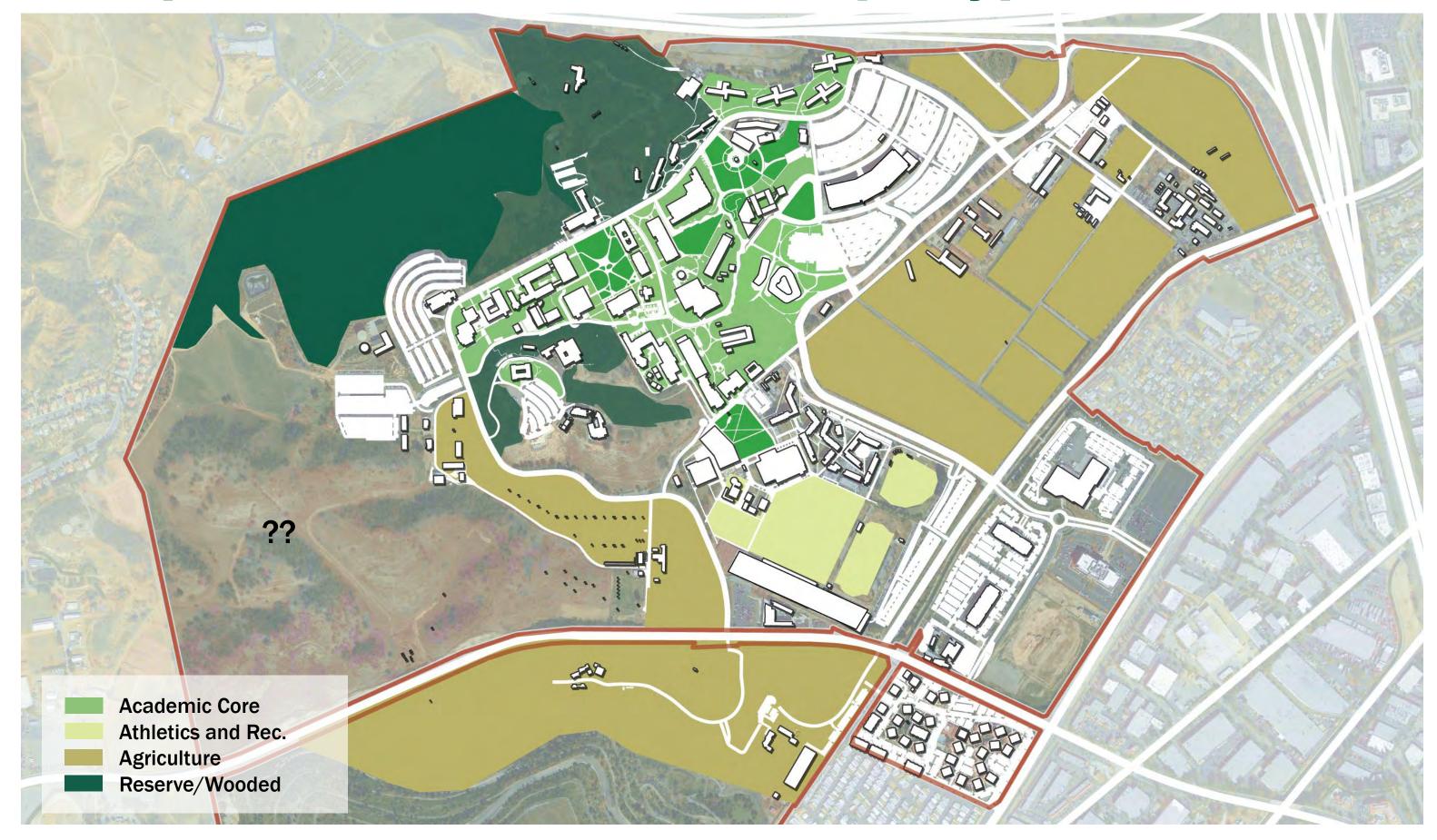




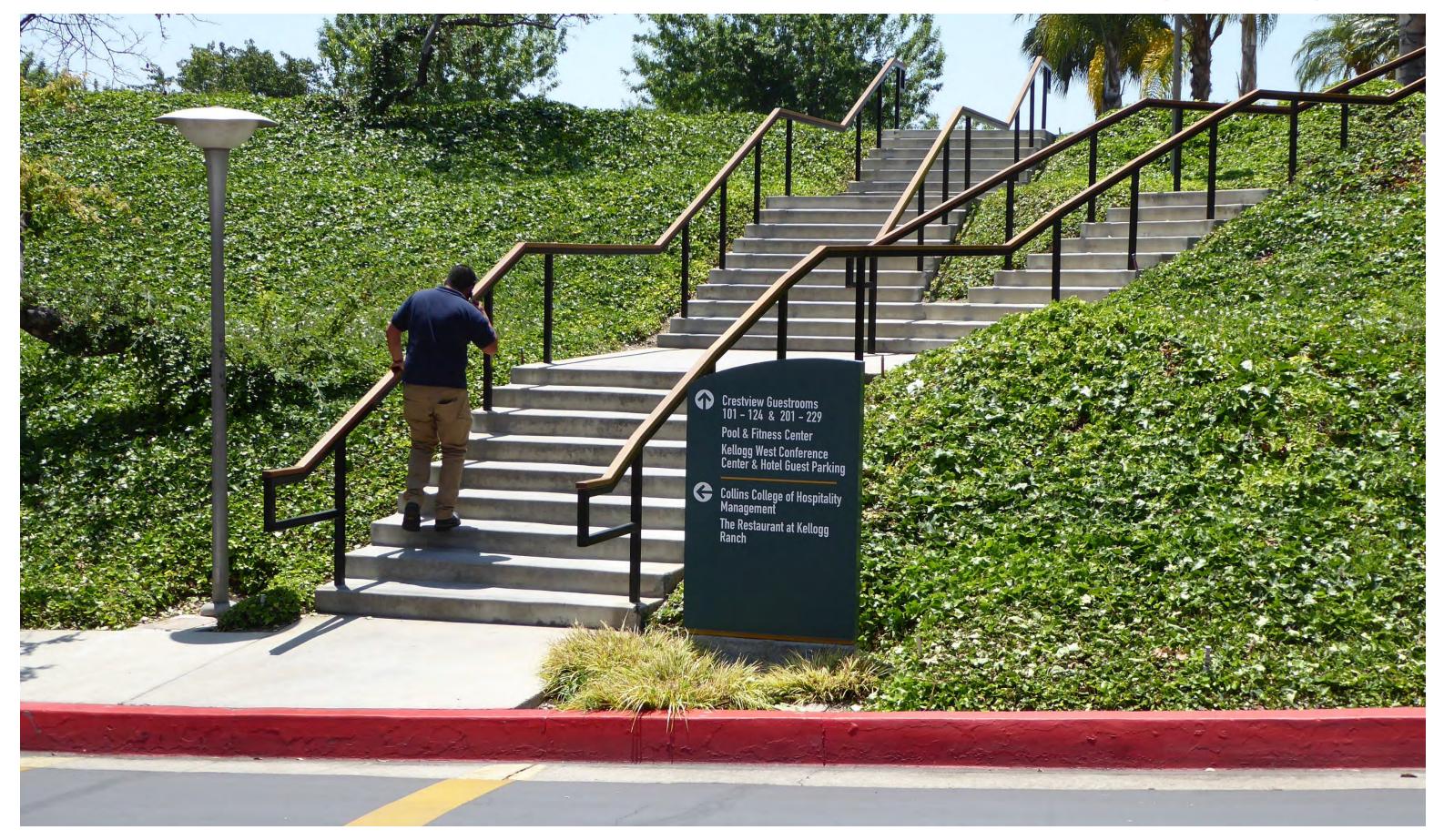




Campus Character – Landscape Types



Campus Character Considerations- Topography



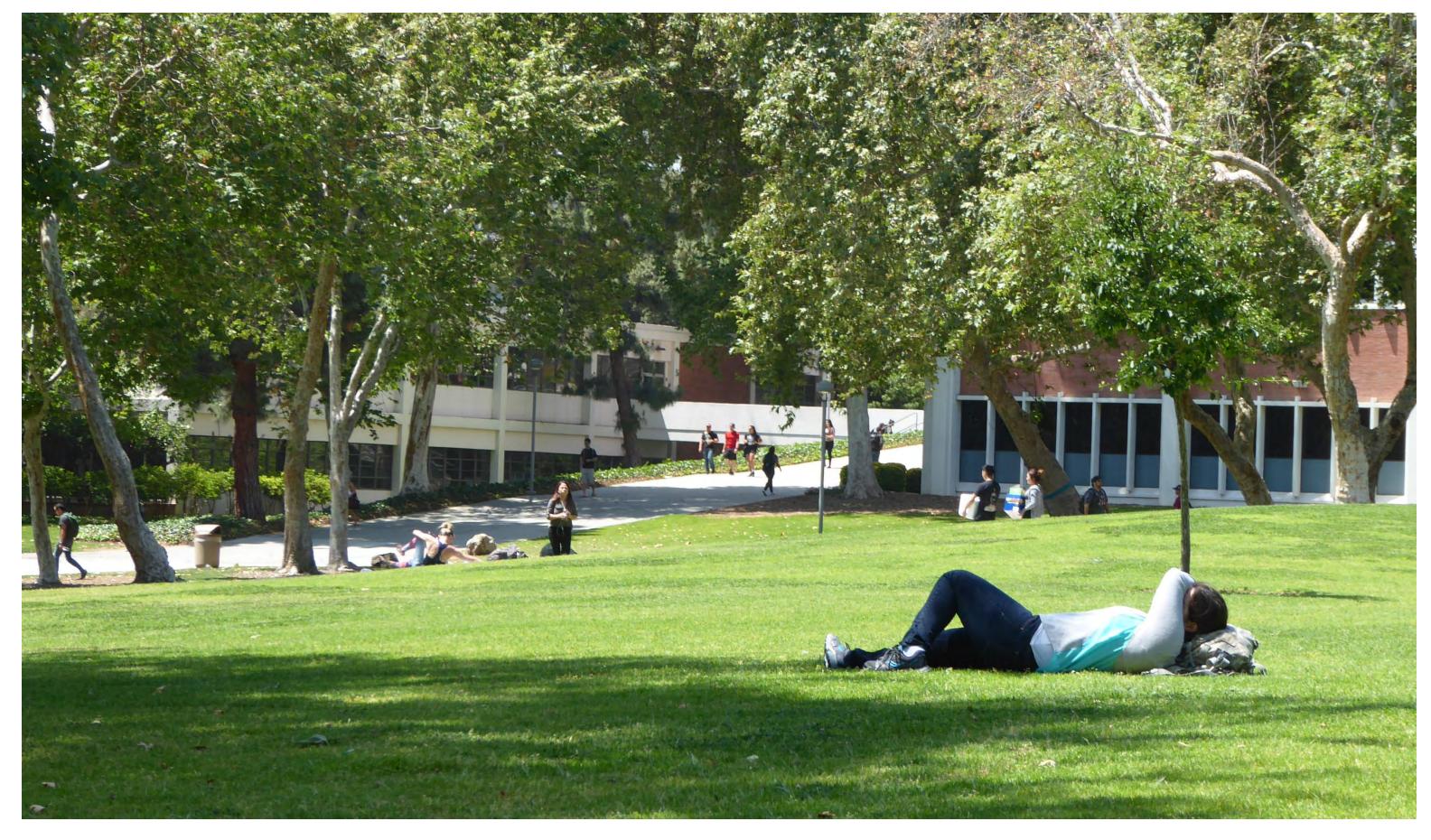
Campus Character Considerations - Student Life



Campus Character Considerations - Student Life



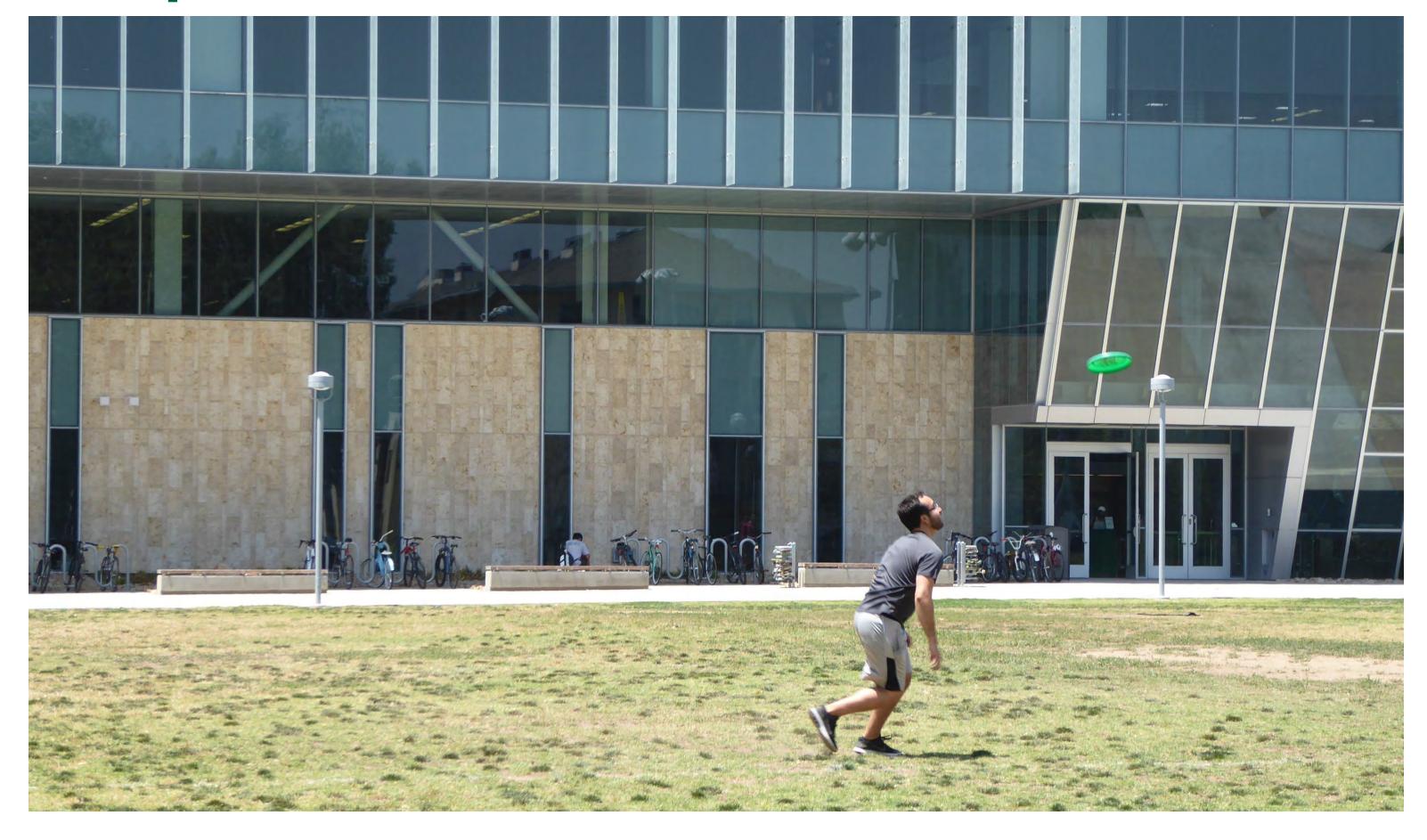
Campus Character Considerations - Open Space



Campus Character Considerations – Living Lab



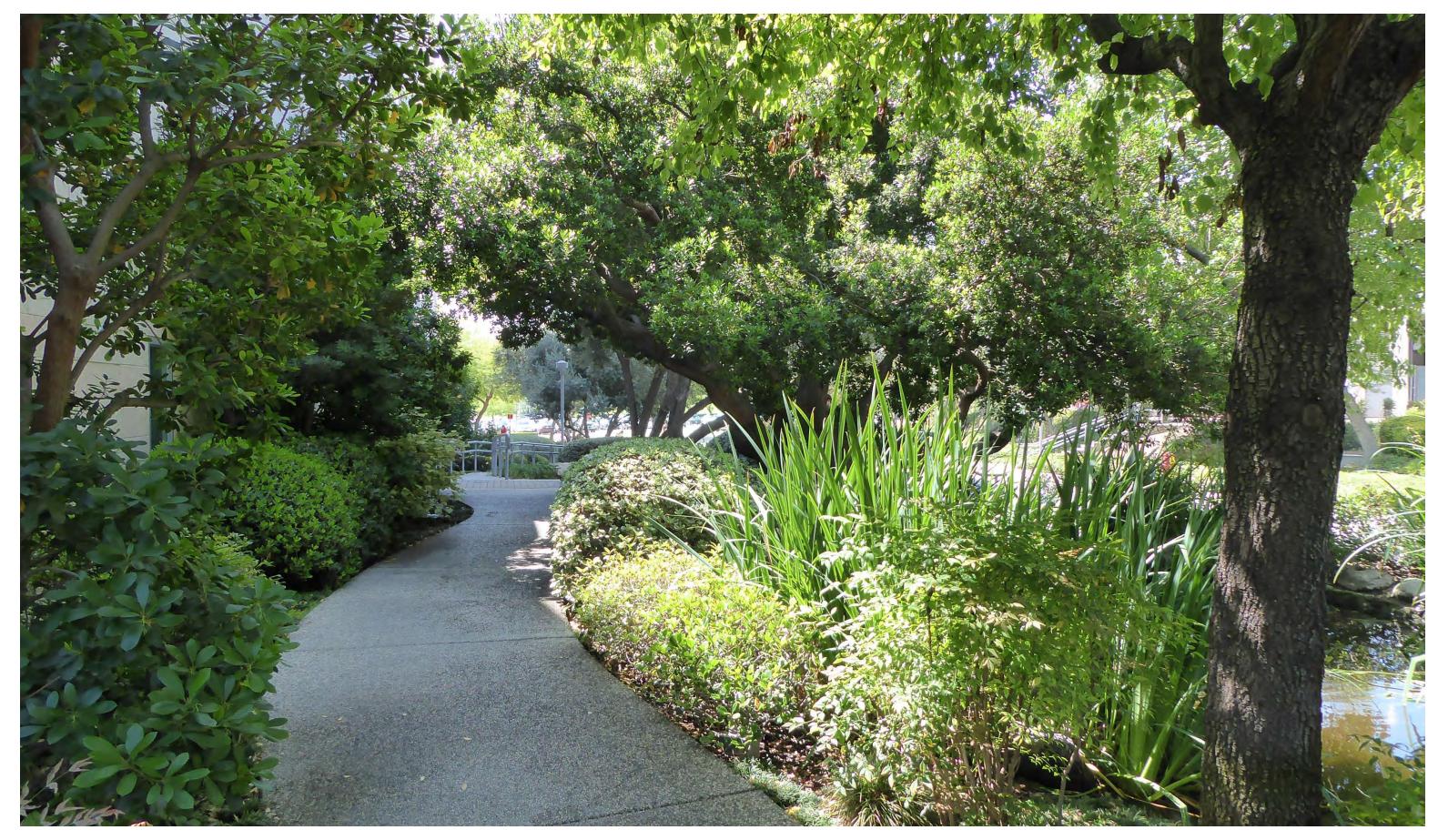
Campus Character Considerations - Wellness



Campus Character Considerations - Wellness

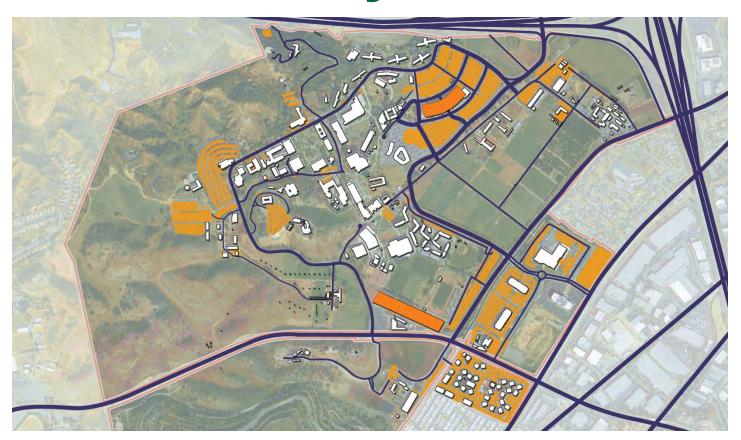


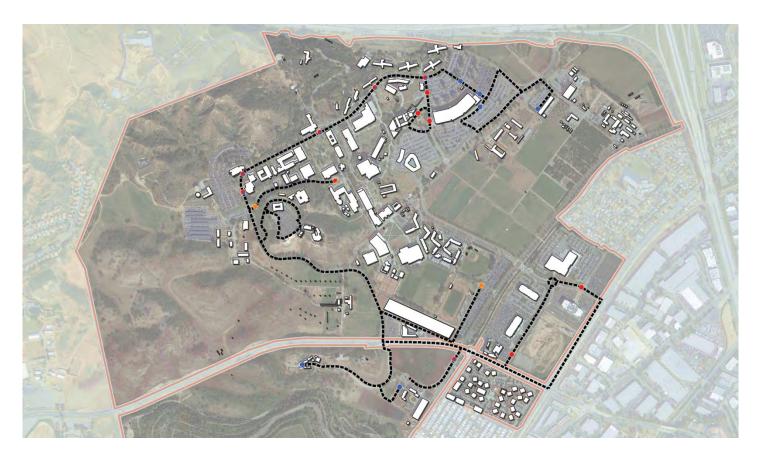
Campus Character Considerations - Landscape



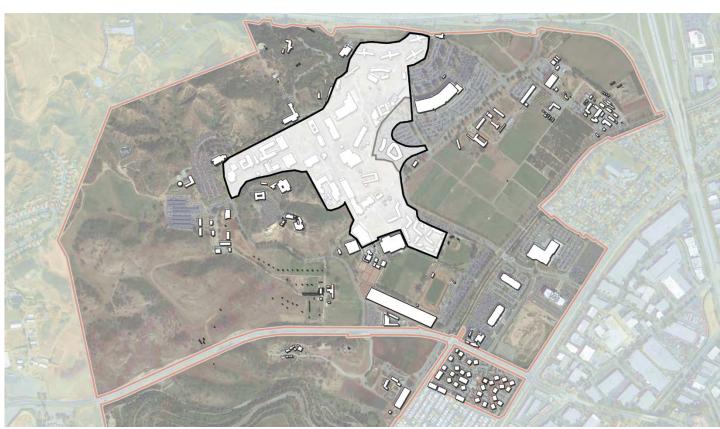
FOCUS: Connectivity

Connectivity Networks

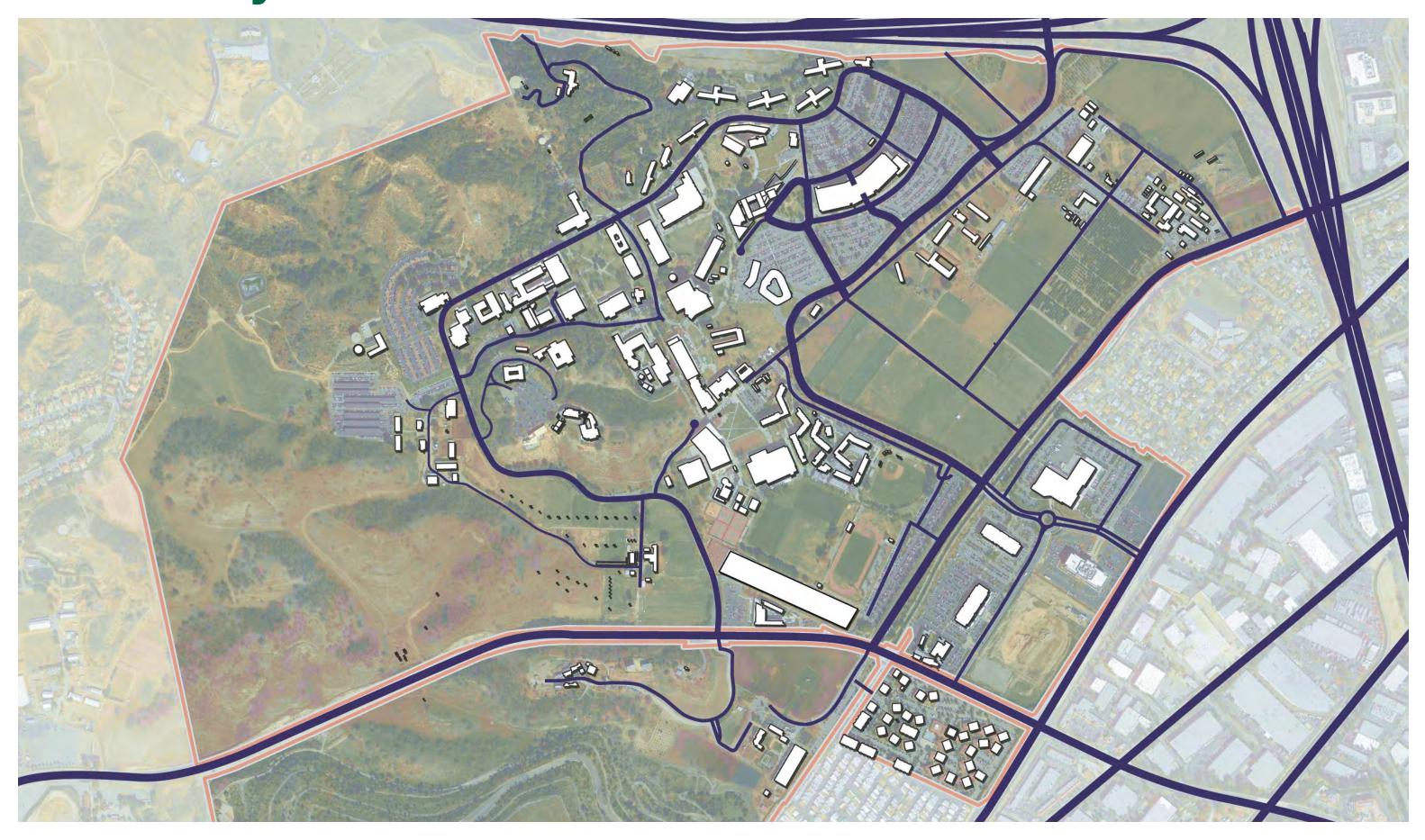




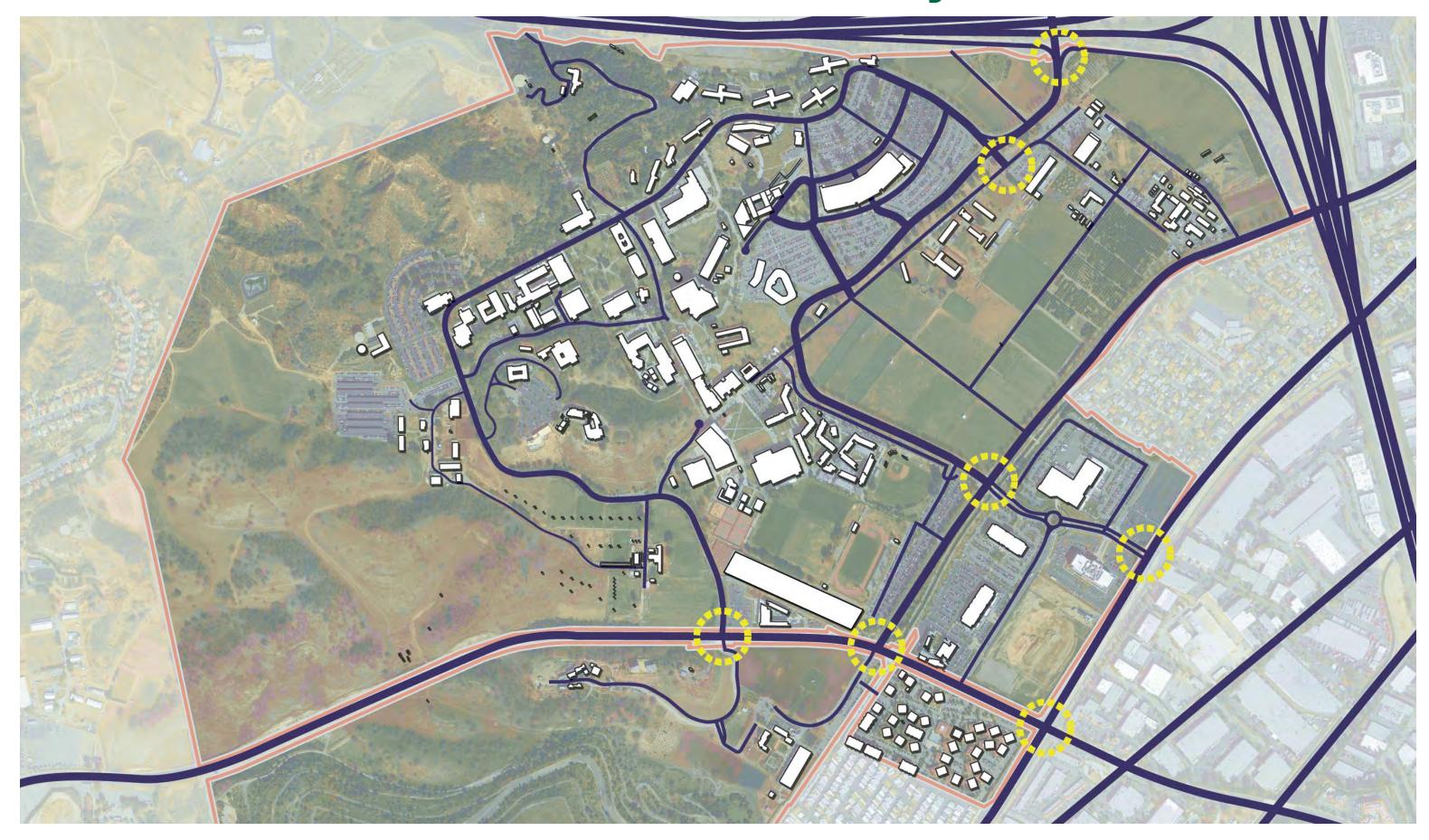




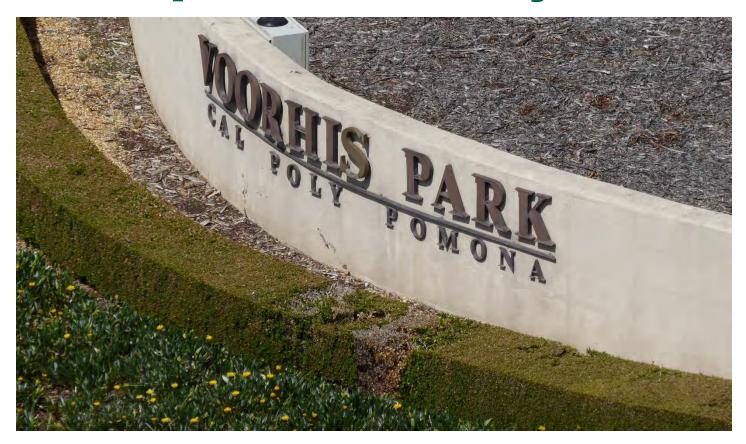
Roadways



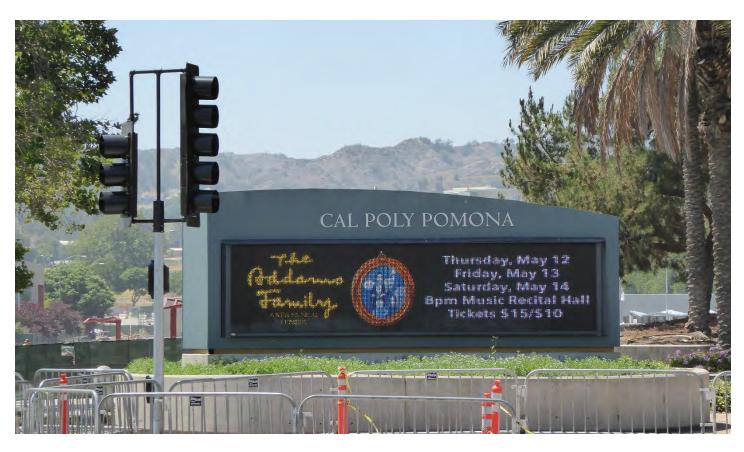
Vehicular Entrances and Gateways

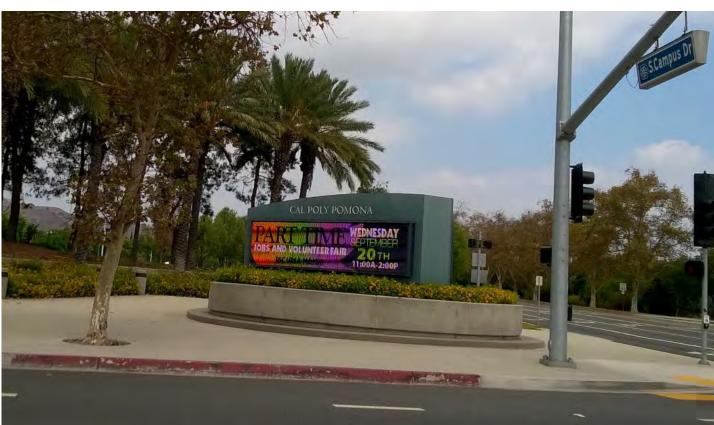


Campus Gateways

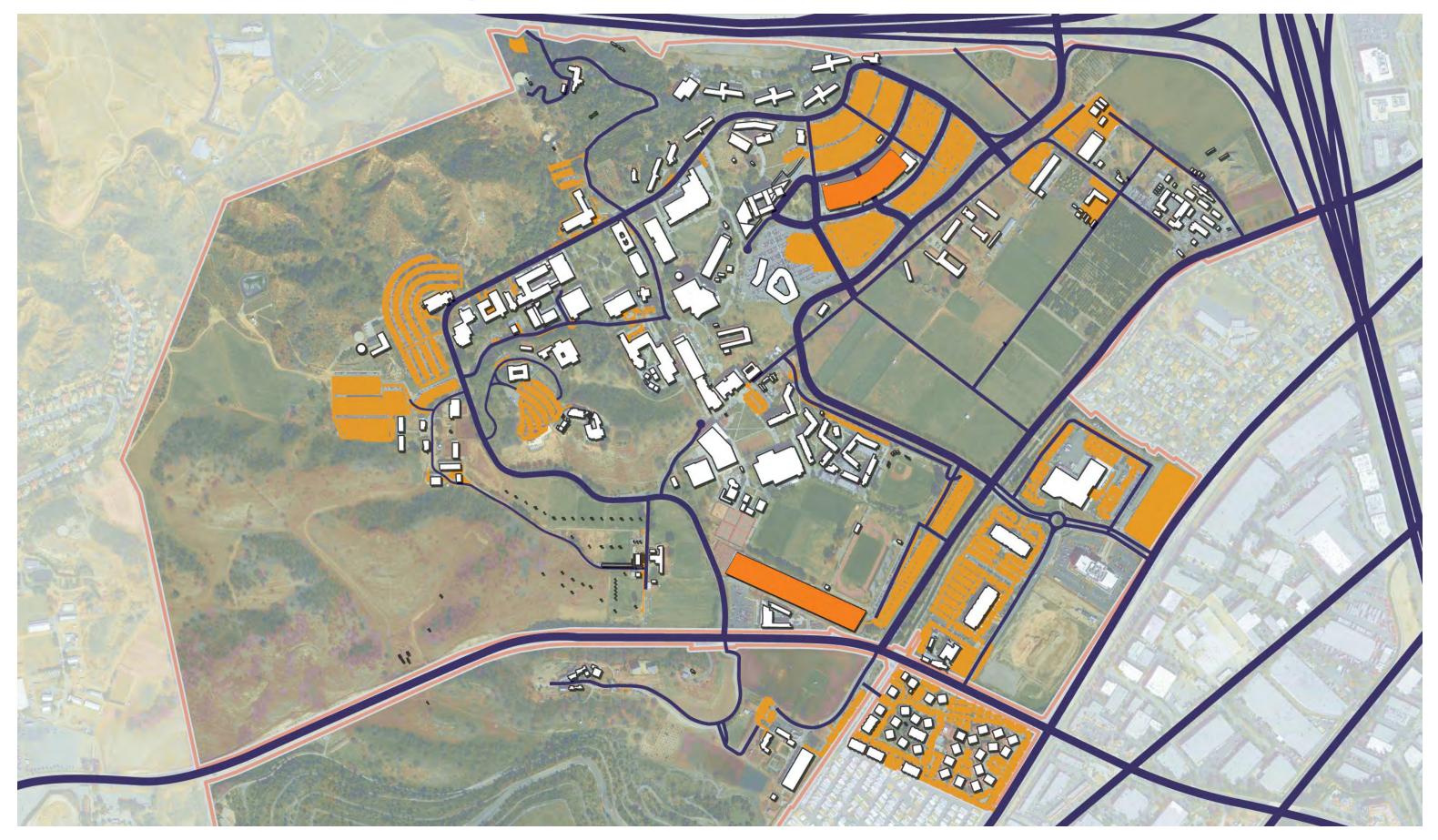




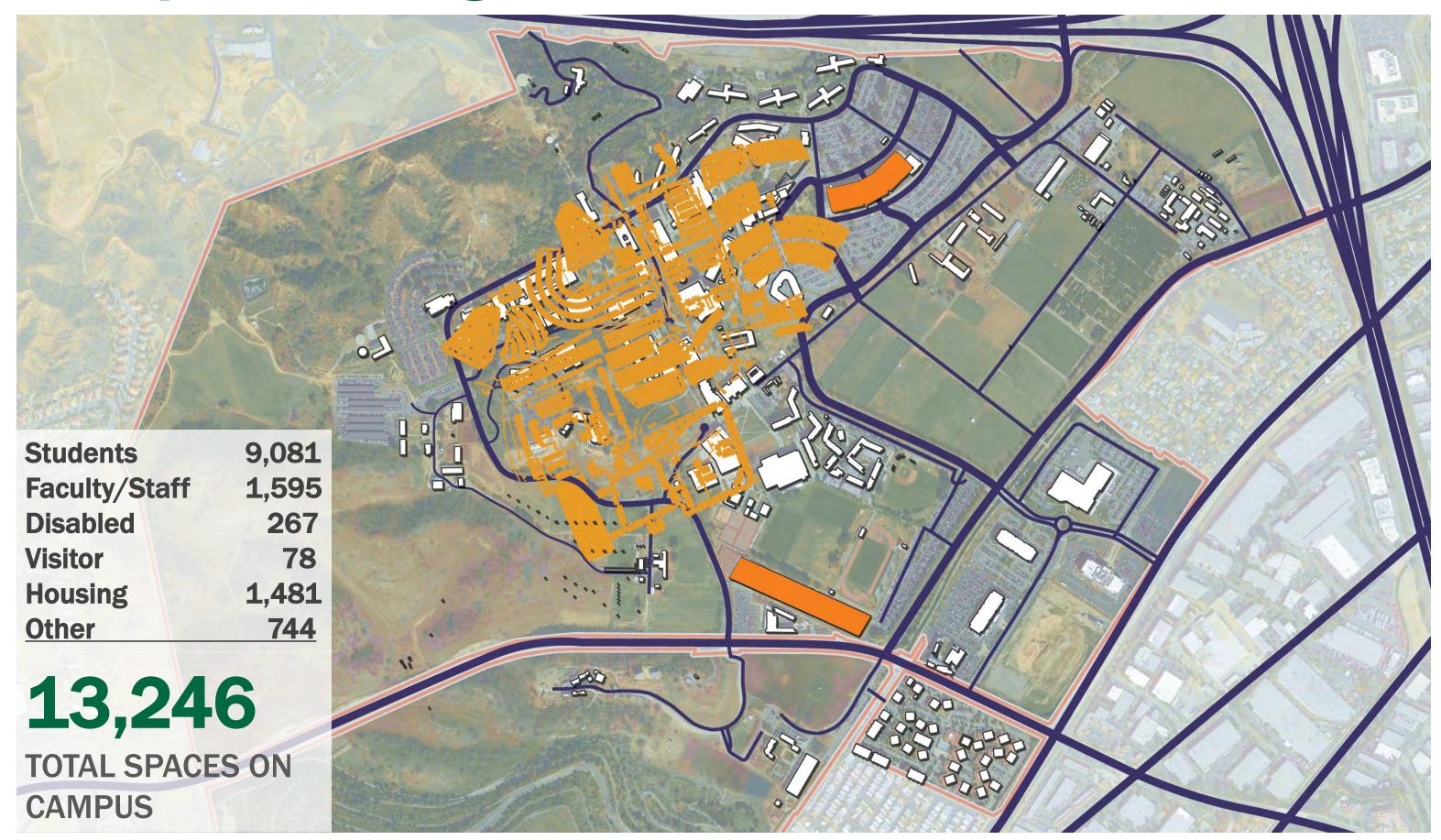




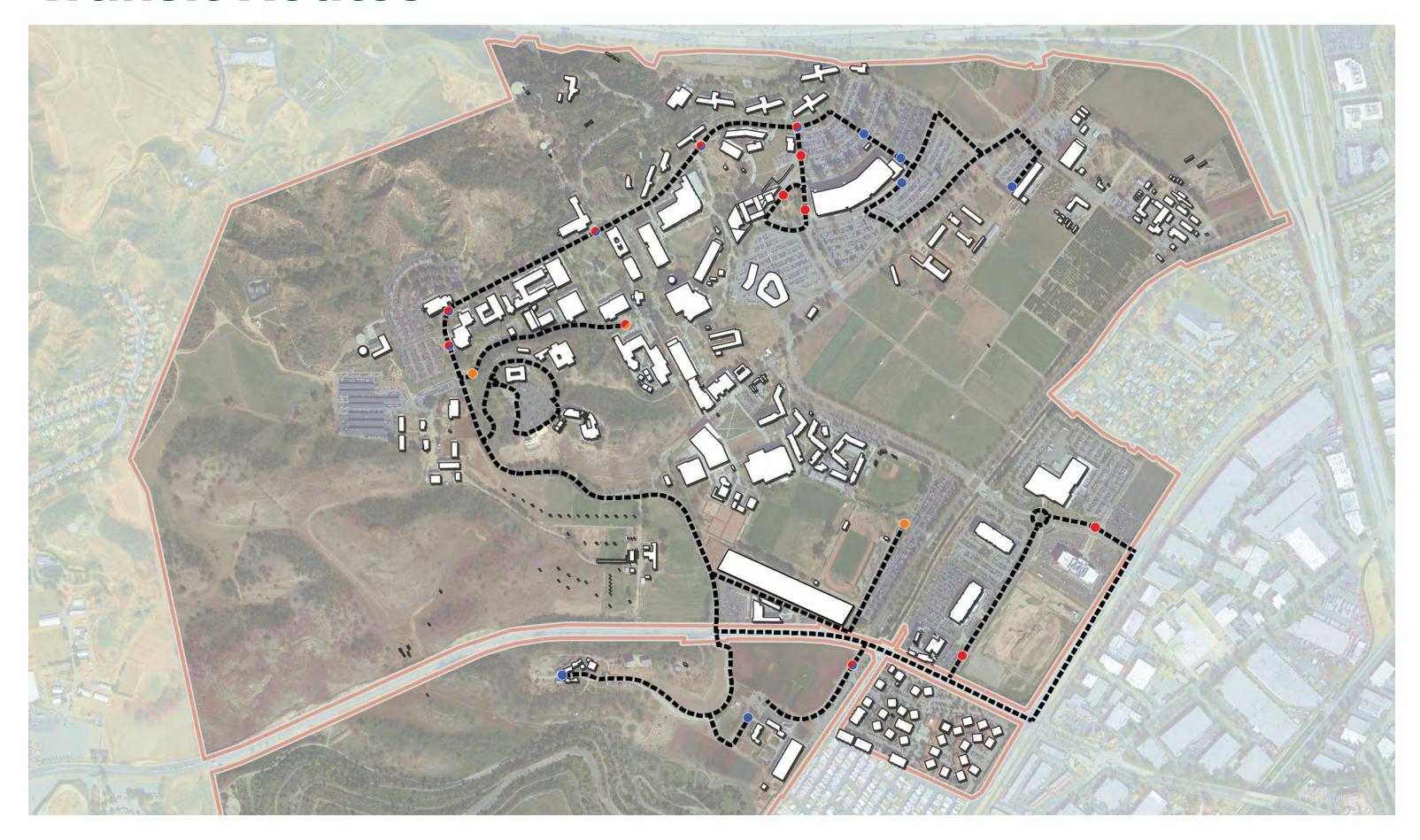
Campus Parking



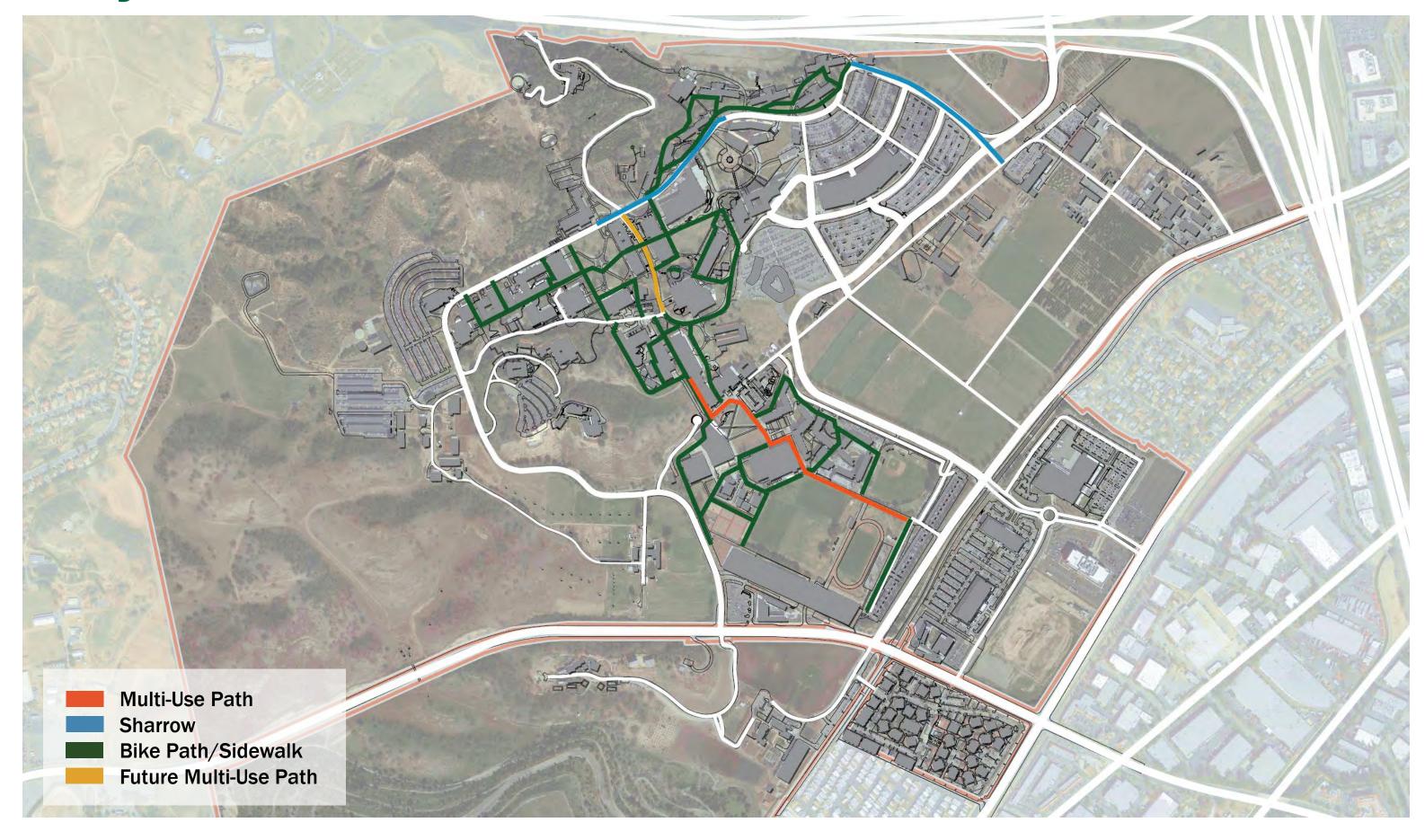
Campus Parking – land area exceeds academic core



Transit Routes



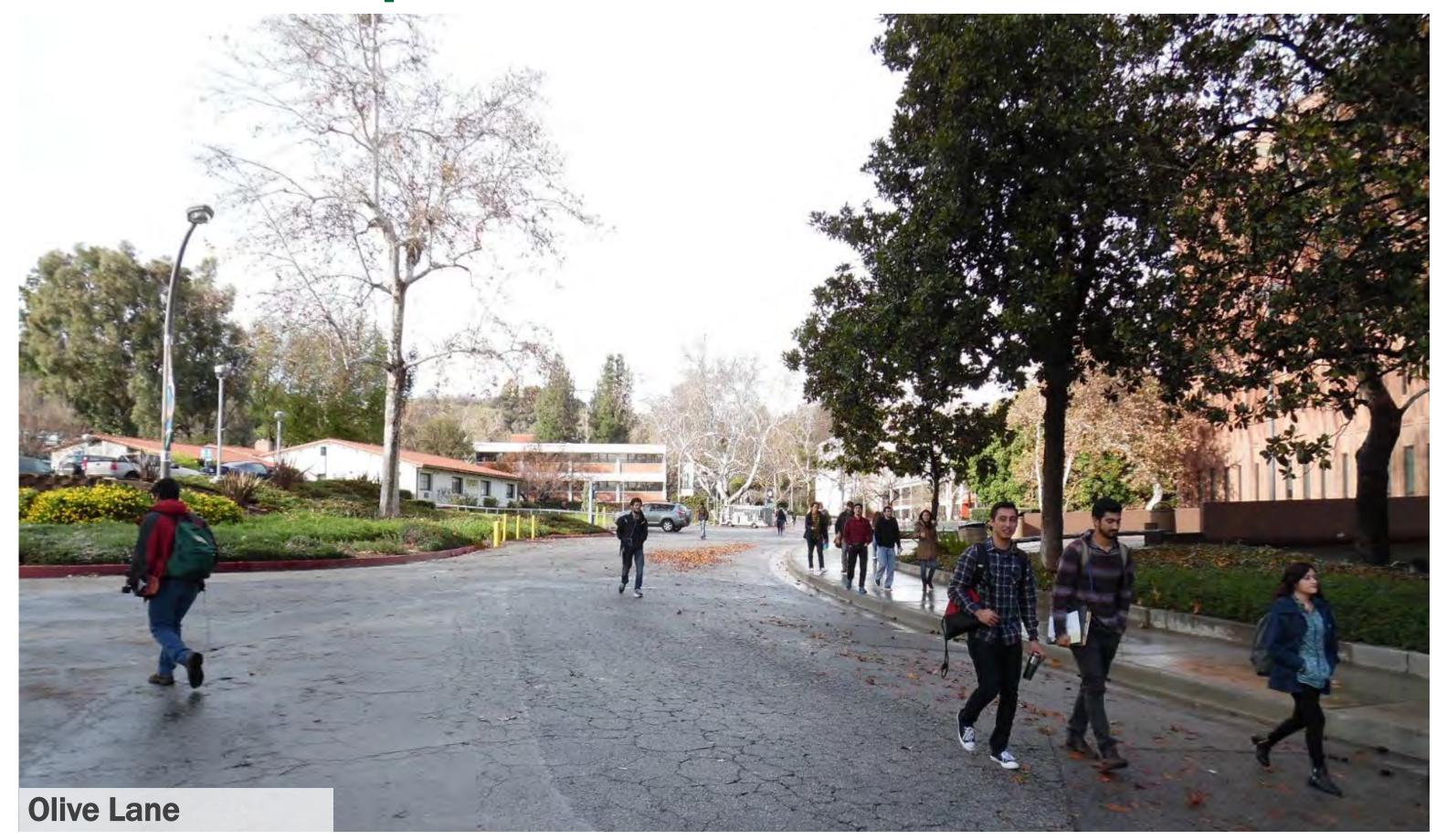
Bicycle Routes



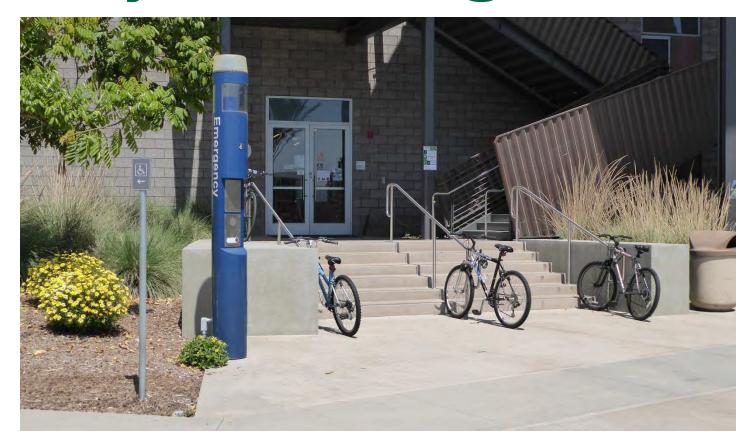
Multi-Modal Success

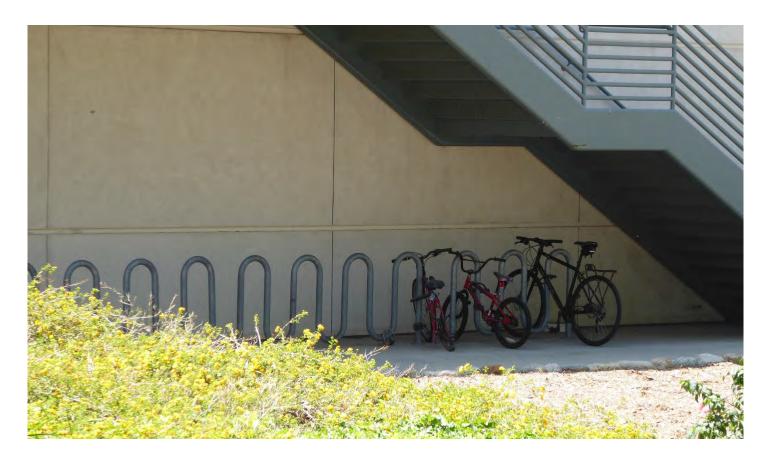


Room for Improvement



Bicycle Parking

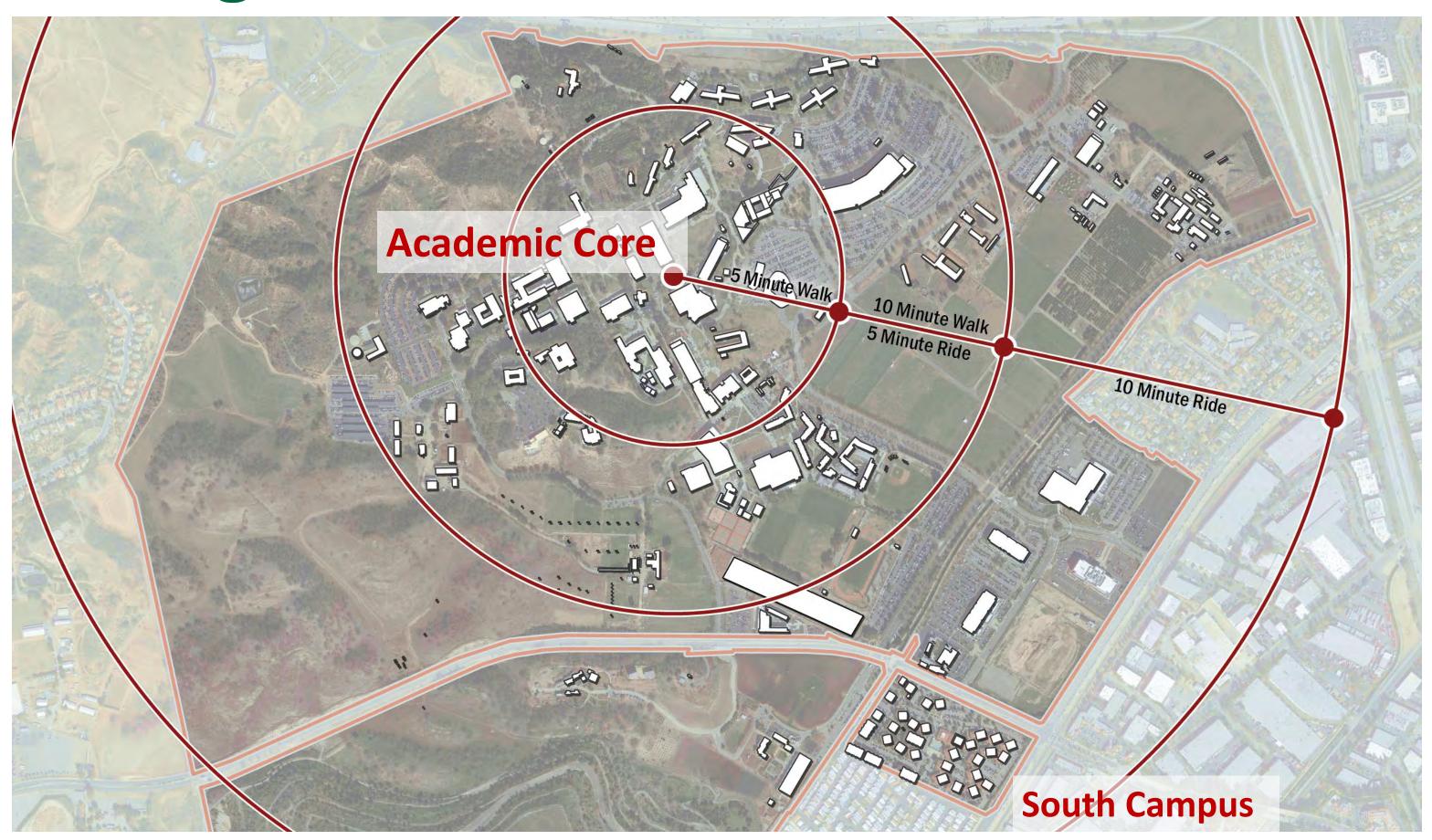






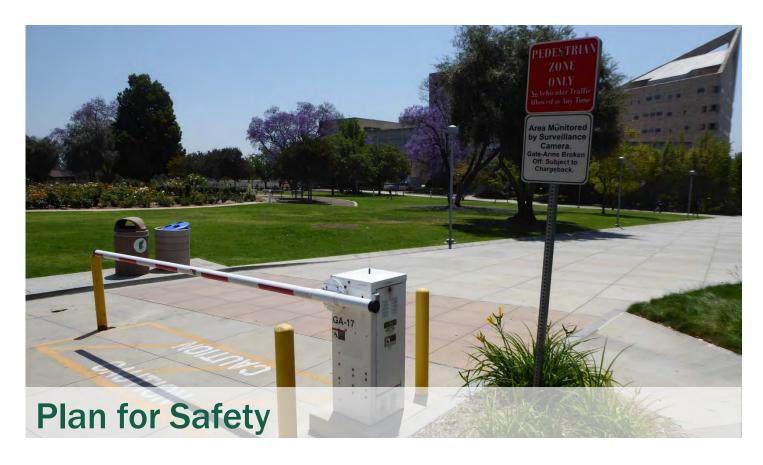


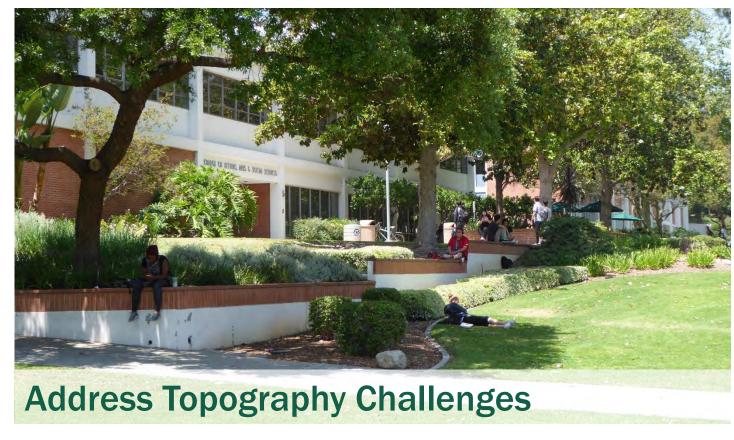
Walking Radii



Elements of a Pedestrian Environment

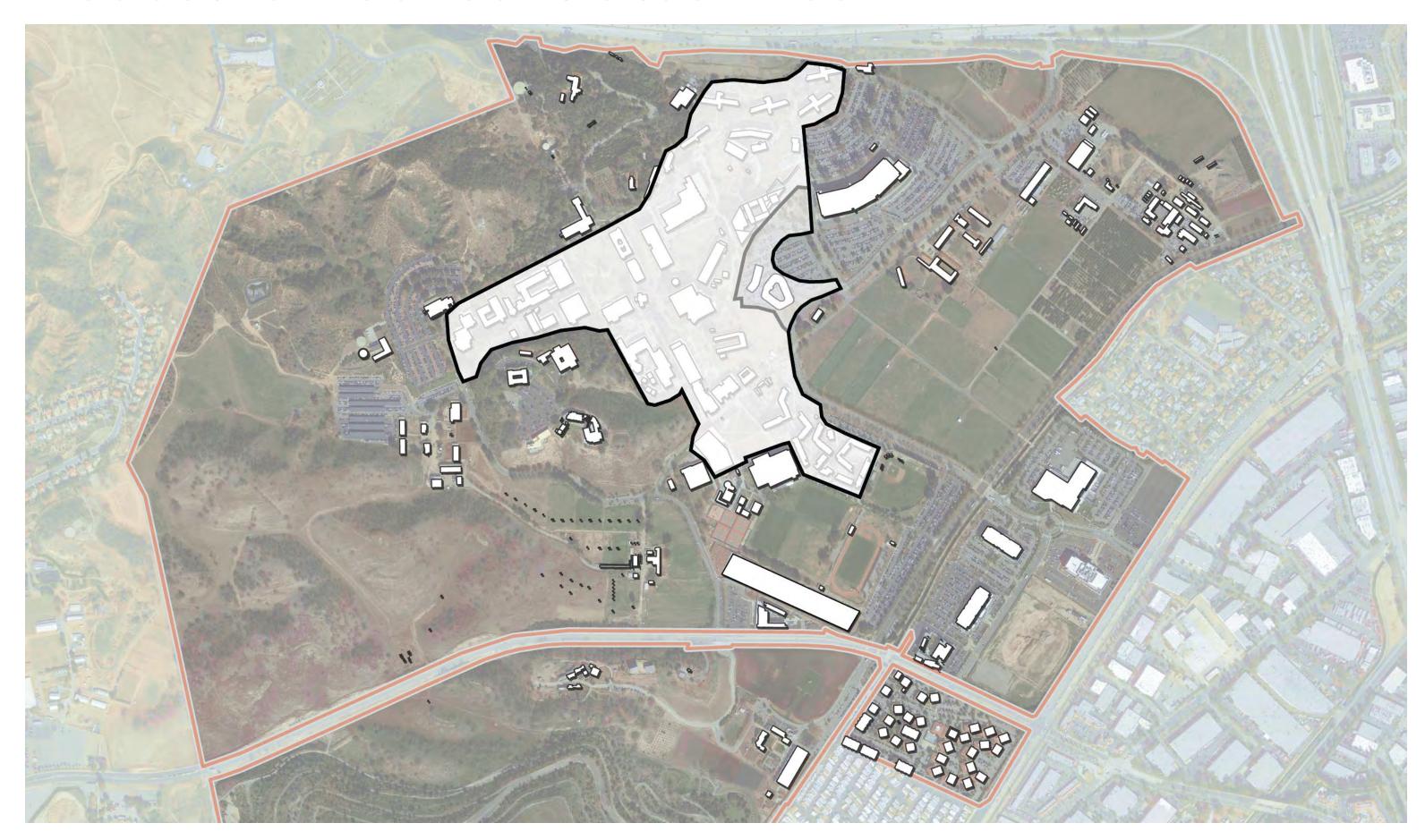








Pedestrian Concentrated Area



FOCUS: Land Use + Connectivity

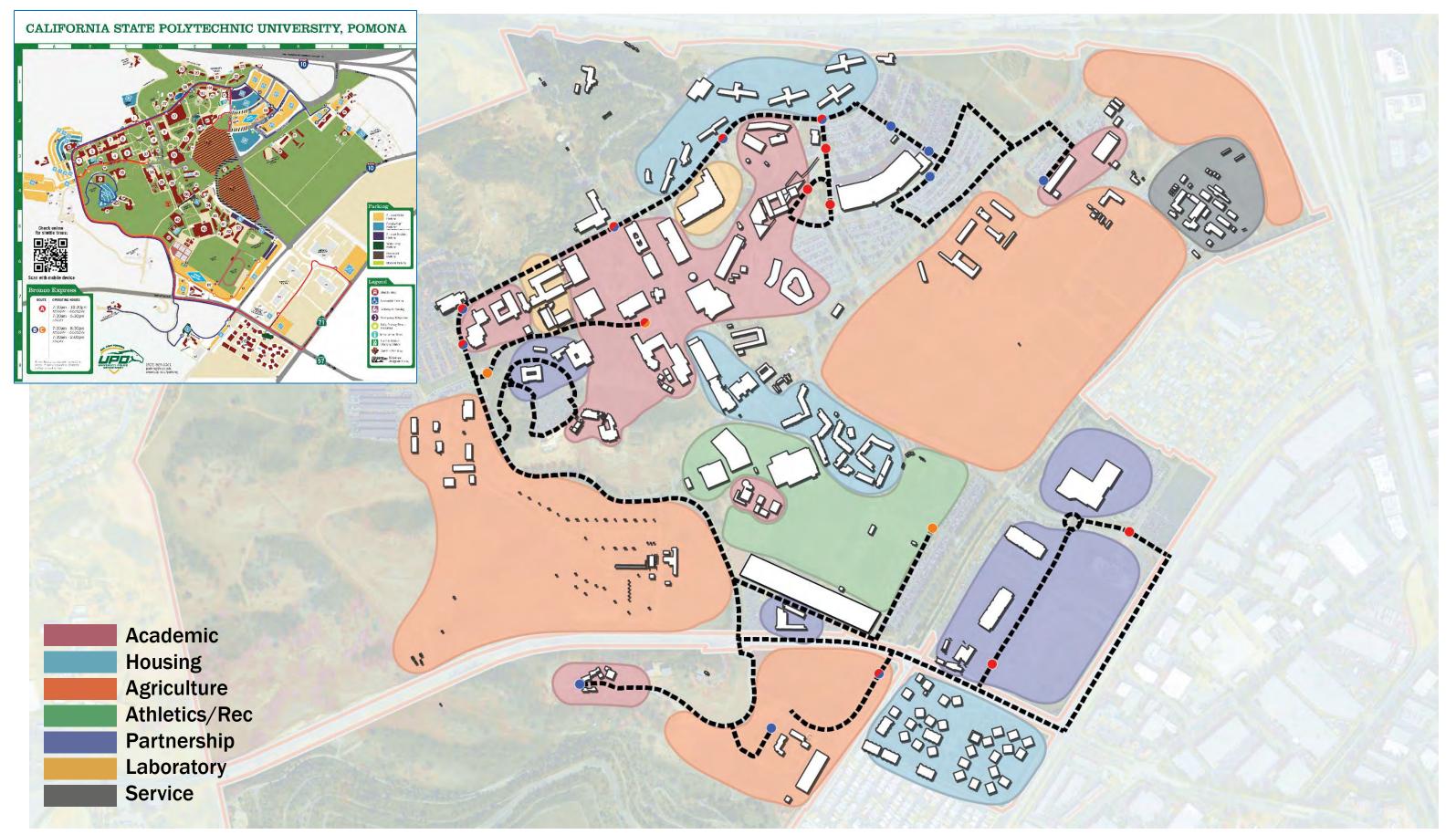
Campus Use Diagram



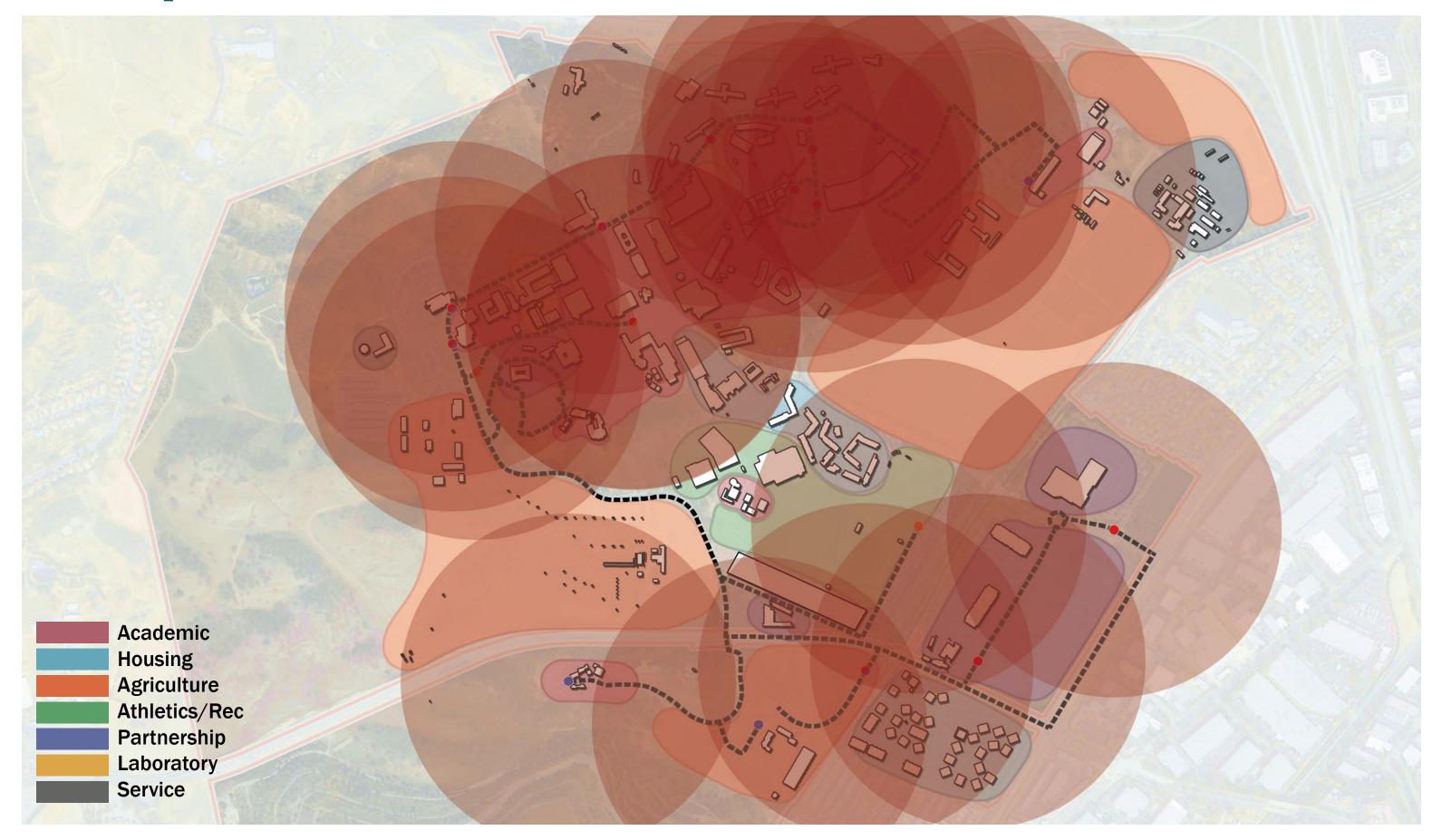
Campus Uses with Roads and Parking



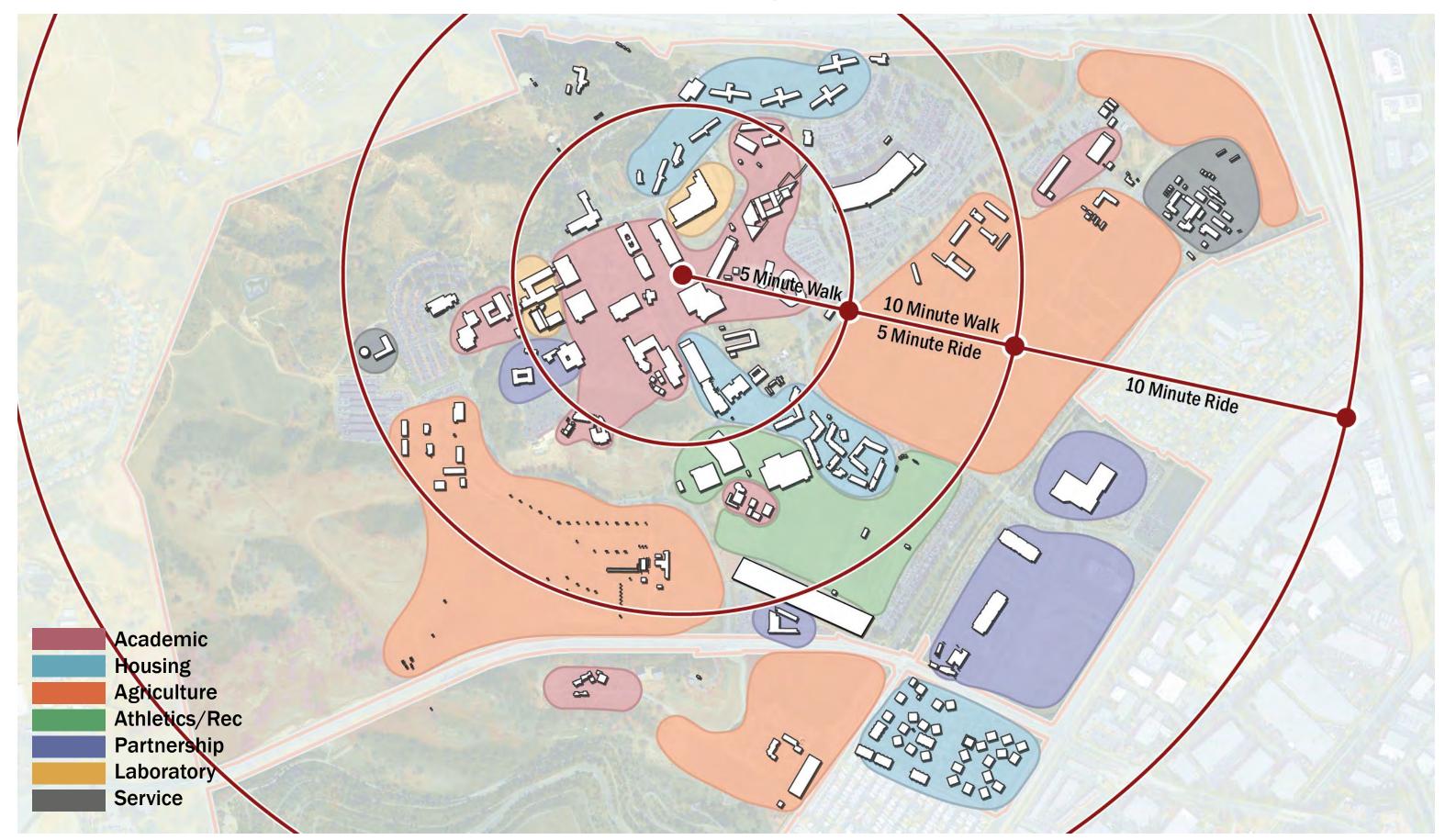
Campus Uses with Transit



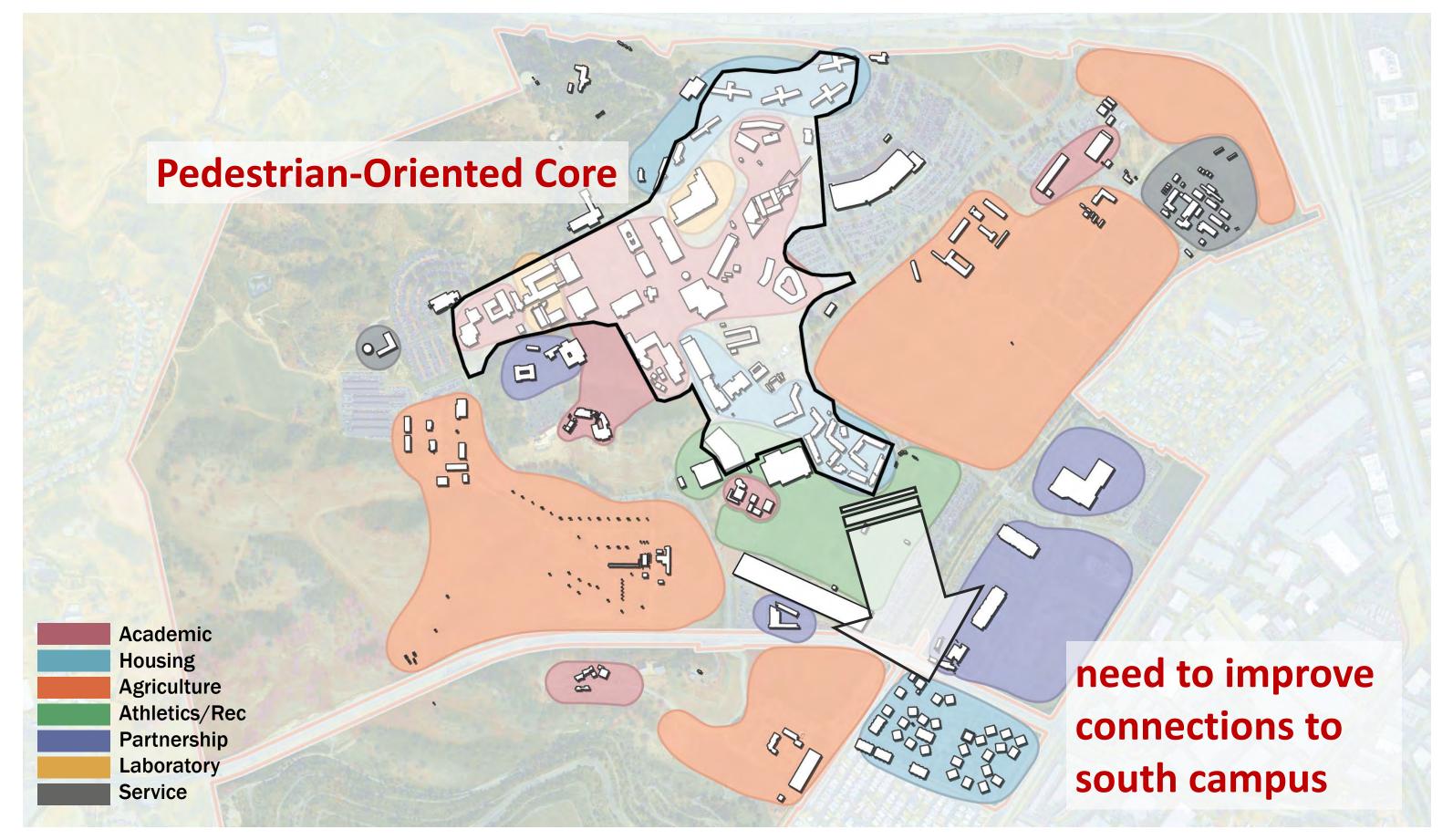
Campus Uses with Transit



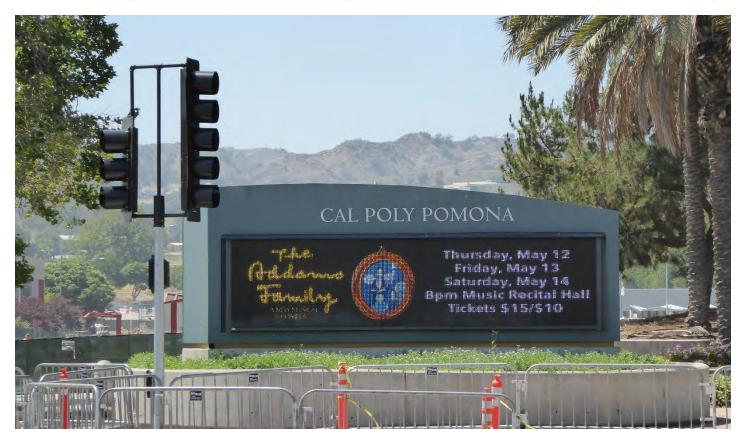
Campus Uses with Walking Radii



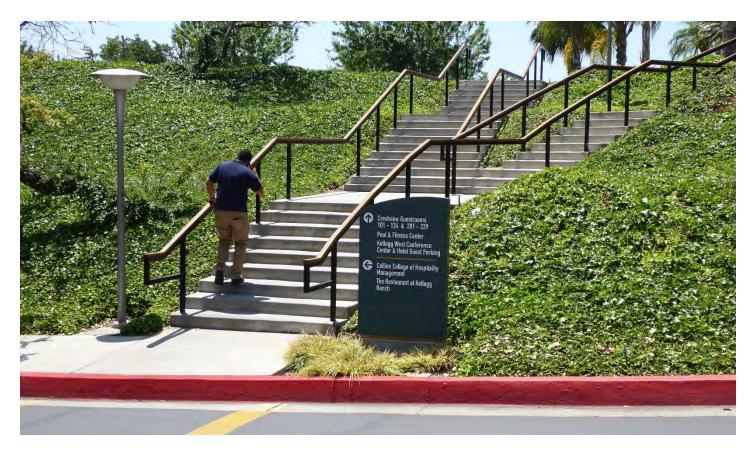
Campus Uses with Walking Radii



Wayfinding and Signage









Pedestrian Oriented







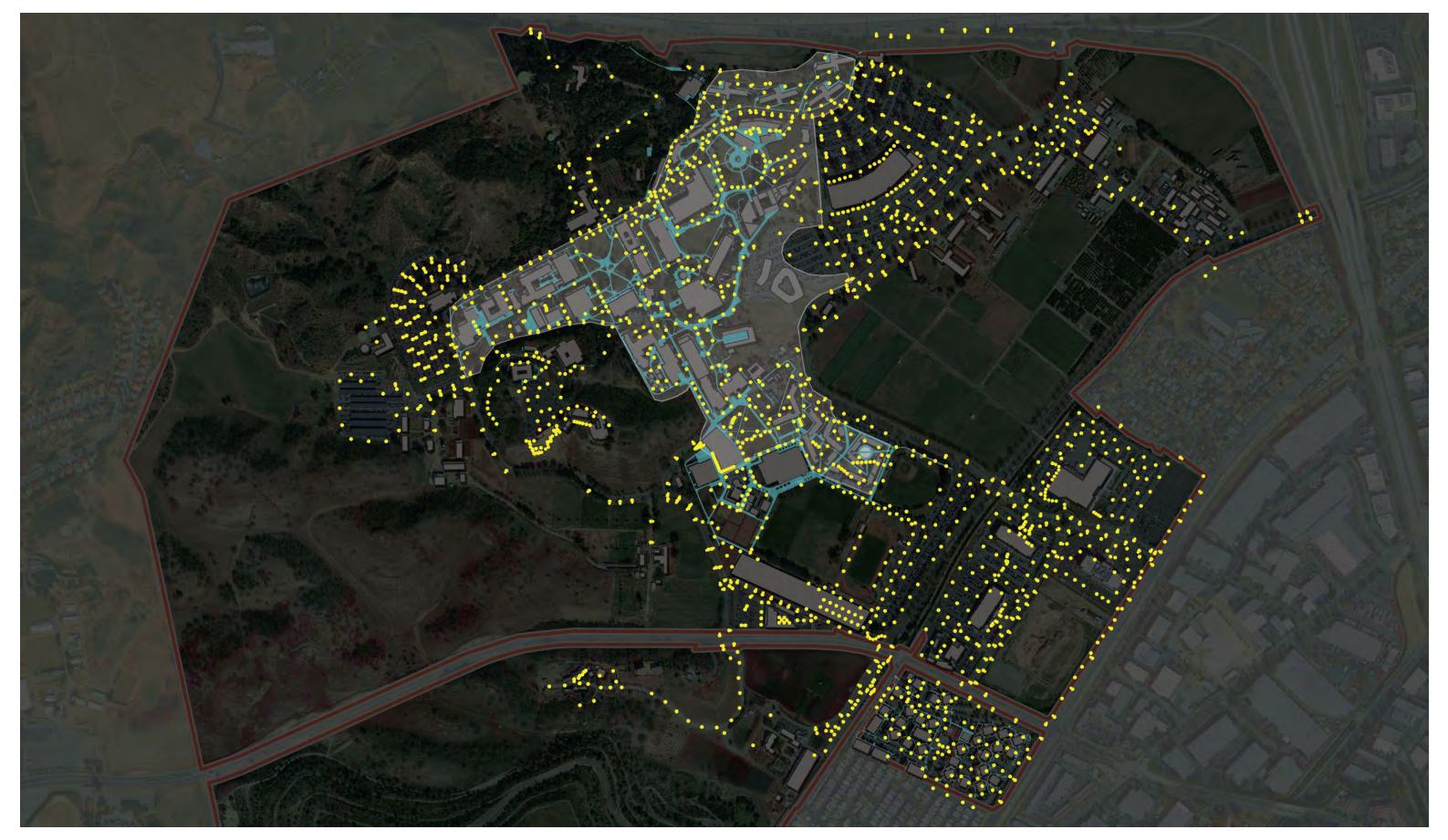
Transit, Vehicular and Parking

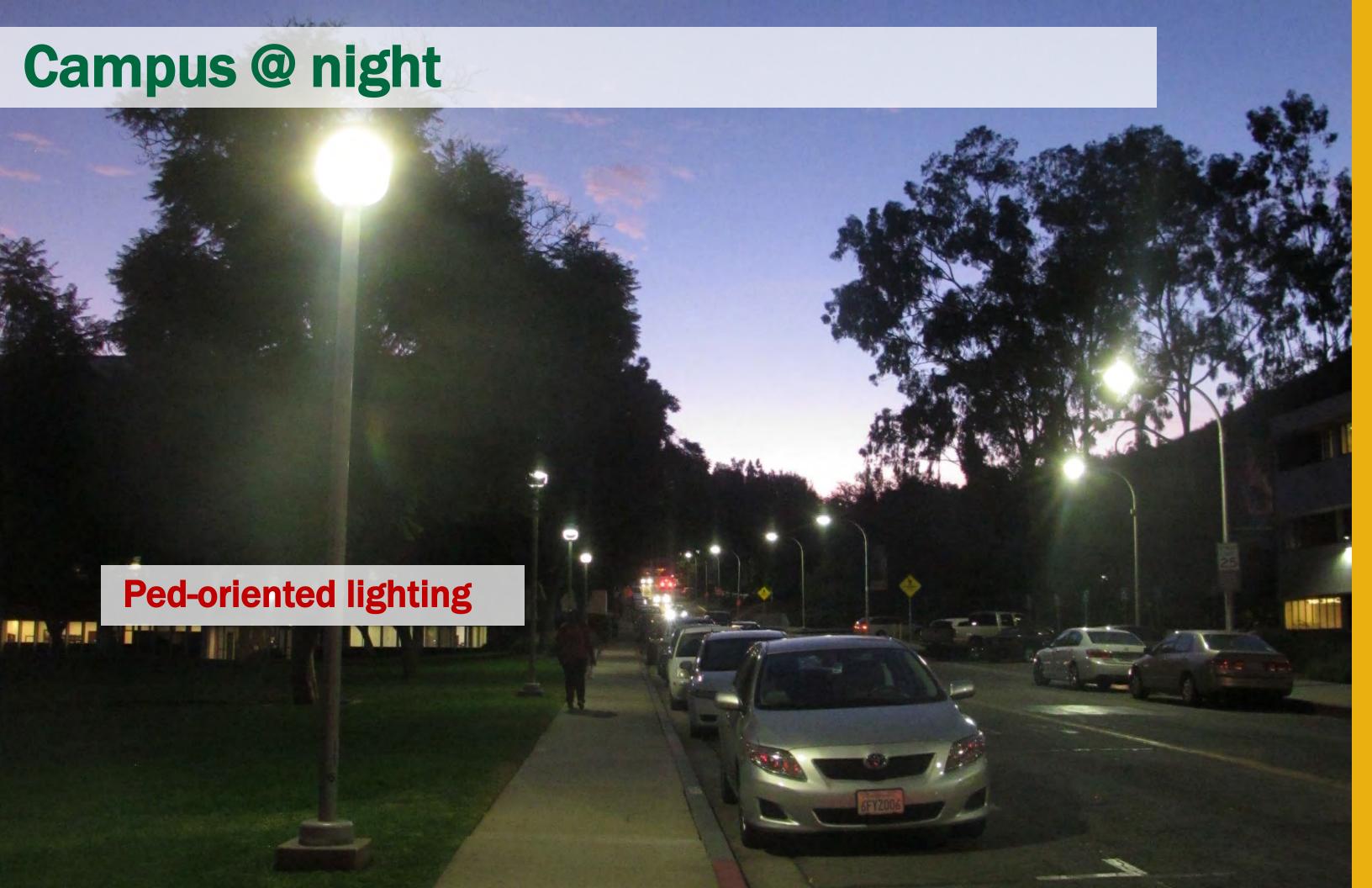


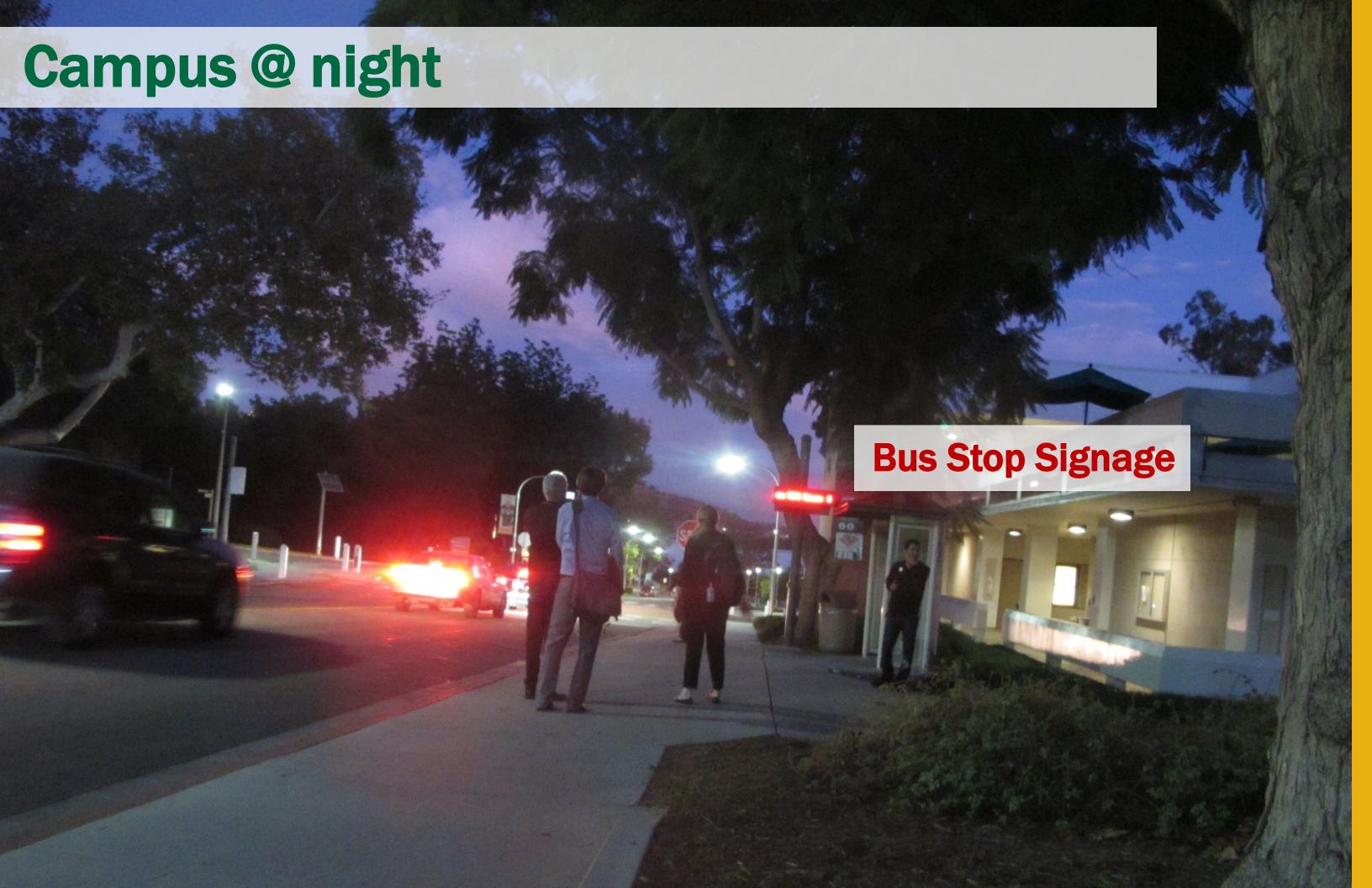


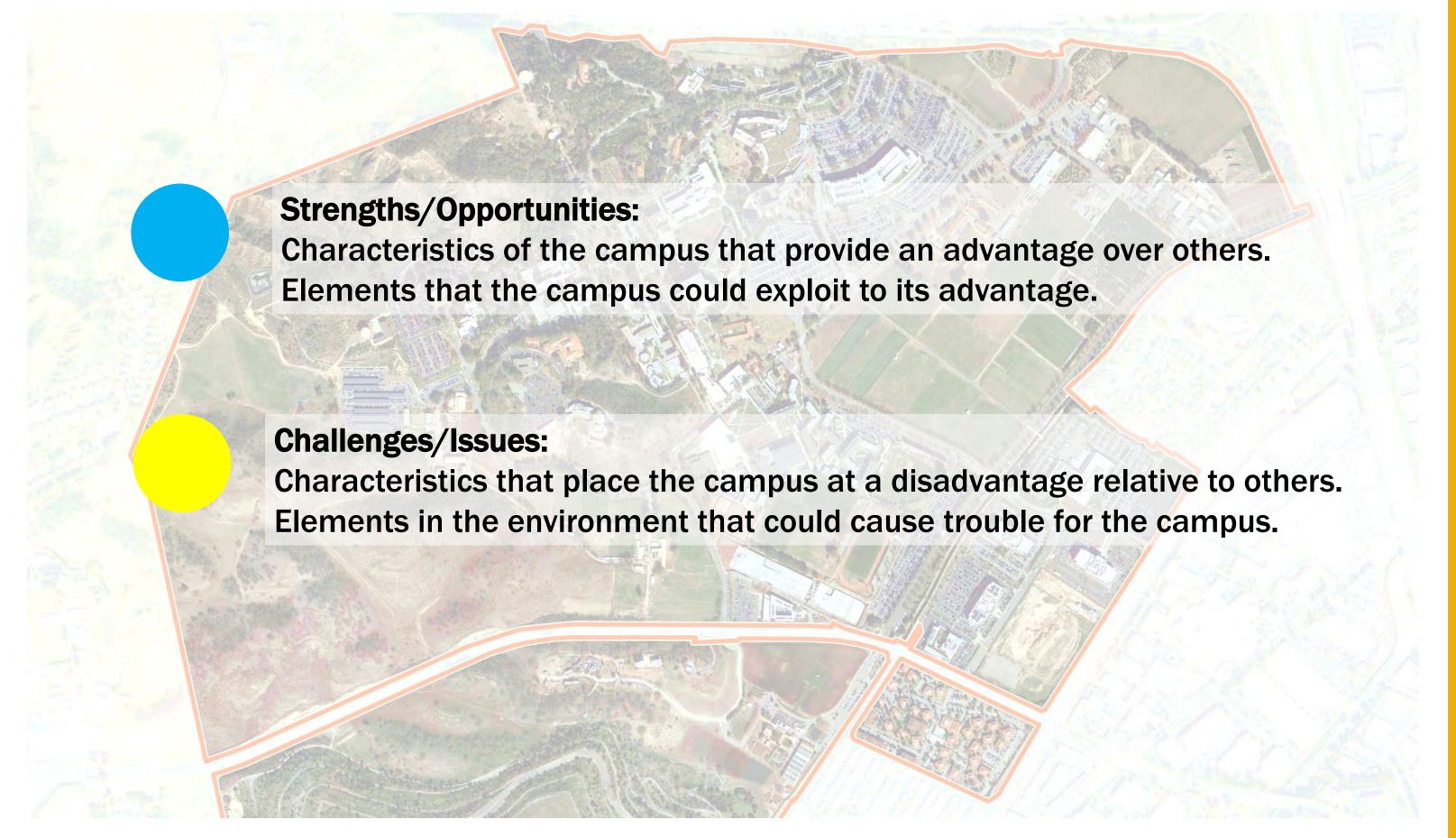


Campus Lighting









Workshop #1

Advisory Committee, Wednesday Nov 8, noon-2:30pm Open Workshop, Thursday Nov 9, 9-11am Space Analytics meetings with Registrar, Provost and College Deans Campus Walk with Landscape Architects

Next Steps

Update for President's Cabinet, Dec 11

Schedule 2nd Workshop in January

- Observations
- Space Analysis

Schedule 3nd Workshop in February

- Planning Framework, Concepts
- Space Analysis + Projections

