

A photograph of a modern campus building with a prominent triangular architectural feature. The building is partially obscured by lush green trees. A semi-transparent green banner is overlaid on the bottom half of the image.

# California State Polytechnic University, Pomona

## Master Plan Update

### Concepts Work Session with the President



6 August 2018

# AGENDA

---

**6 August 2018**

**12-2 pm**

## 1) Update on Progress since Community Partner's meeting

- Foothills Transit meeting
- City of Pomona meeting

## 2) Conceptual Planning Framework

- Themes, Principles, Constraints, Needs

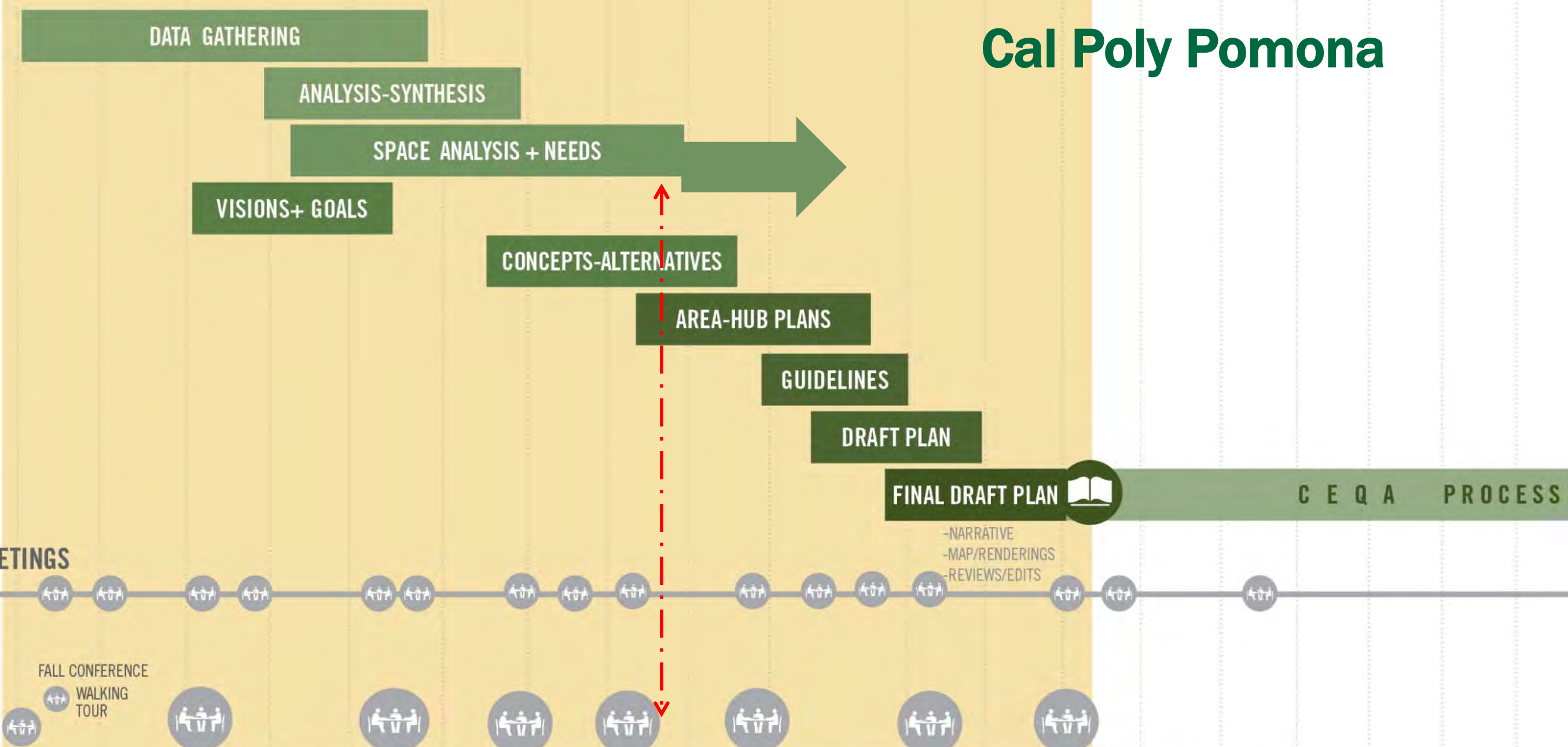
## 3) Concept Plan Alternatives

- 3 Concepts w/Advisory Committee Input
- Synthesis Plan: studies, refinements
  - *campus entries, identity + circulation*
  - *transit / transportation connectivity*
  - *academic precincts, facilities + resources*
  - *student housing – phase 2, future FYE/freshmen housing*

## 4) Next Steps

← Progress to Date

# Cal Poly Pomona



## TEAM COORDINATION MEETINGS

## CAMPUS ENGAGEMENT

DATA:	WORKSHOP 1	WORKSHOP 2	WORKSHOP 3	WORKSHOP 4	WORKSHOP 5	WORKSHOP 6	WORKSHOP 7	PRESENTATIONS?
-SCOPE REV	<b>KICKOFF</b>	<b>ANALYSIS</b>	<b>ANALYSIS/ CONCEPTS</b>	<b>CONCEPTS/ALTS</b>	<b>HUB/AREA PLANS + GUIDELINES</b>	<b>DRAFT PLAN GUIDELINES</b>	<b>FINAL DRAFT</b>	<b>FINAL PLAN</b>
-DATA REQS	-GOALS	-OBSERVATIONS	-STRATEGIC INITIATIVES	-PLAN PRINCIPLES	-TESTING ALTS+ SCENARIOS	-SYNTHESIS	-EXEC SUMMARY	
-COLLECTION	-VISIONS	-CONDITIONS ANALYSIS	-STRATEGIC INITIATIVES	-GROWTH/DEV ALTERNATIVES	-CAPACITIES	-PRIORITIES	-NARRATIVE	
	-STRATEGIC NEXUS	-CONNECTIVITY	-PLAN THEMES + PRINCIPLES	-CAMPUS-WIDE IMPROVEMENTS	-SPACE NEEDS	-PROJECTS	-RENDERINGS	
	-CRITICAL ISSUES	-PLAN/CONCEPT FRAMEWORK	-SUSTAINABILITY	-SPACE ANALYSIS	-AREA / HUB PLANS	-PHASING-COST	-IMPLEMENTATION	
	SPACE:	SPACE USE/ ANALYSIS	-INFRASTRUCTURE	-AREA/HUBS IDENTIFIED		-GUIDELINES	-PRESENTATIONS	
	-DATA	- ANOMALIES	-SPACE ANALYSIS			<b>STAKEHOLDER FOCUS MTGS?</b>	-CEQA DATA	
	-CONCERNS				- COMMUNITY PARTNERS FORUM	-STUDENT	<b>+ FORUMS</b>	
						-FACULTY	-STUDENT	
						-STAFF	-FACULTY	
							-STAFF	
							-COMMUNITY?	

CEQA PROCESS

# Status Update

## Community Partners Follow-up

**Meetings:** ✓ Meet with Foothills Transit to identify opportunities, planning parameters

✓ Meet with City of Pomona

*in progress* ☐ Reach out to other Regional Transit agencies

*in progress* ☐ Meet with the LA County planner

*in progress* ☐ Meet with Fairplex

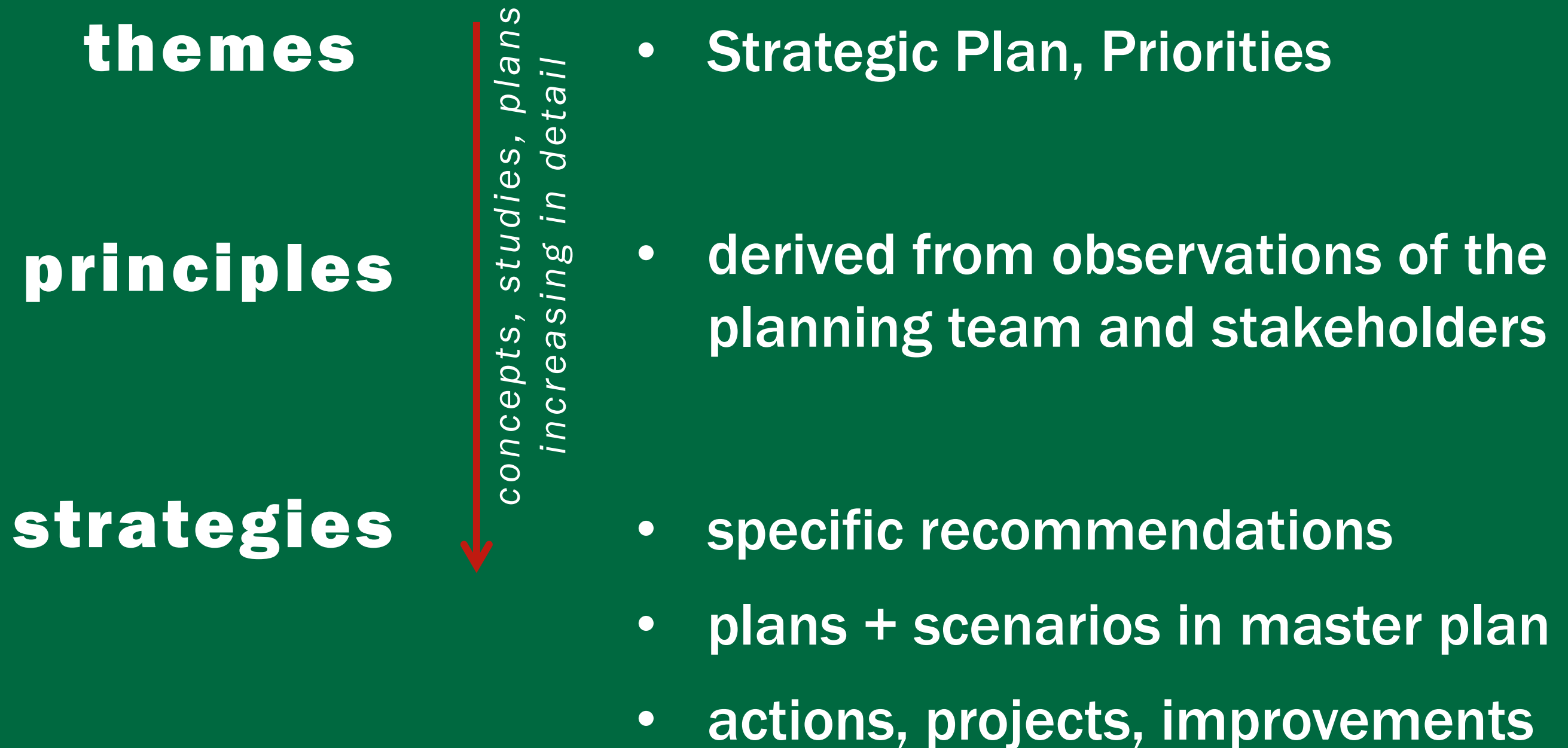
☐ **Schedule Community Listening Session on campus**

- *Cities: Pomona, Walnut, Industry, Diamond Bar*
- *LA County, Cal Trans, CHP, Regional Transit*
- *San Gabriel Economic Partnership, Fairplex*
- *Mt Sac College*

# Cal Poly Pomona

## CAMPUS MASTER PLAN

THE STRATEGIC VISION OF THE CAMPUS DRIVES PHYSICAL DEVELOPMENT



# Five Themes

emerged from stakeholder engagement + CPP Strategic-Academic plans



# 1

## Student Experience Above All

All decisions put the student experience at the forefront, from physical space, facilities, and accessibility (*including the virtual or online environment*) to Cal Poly programs and policies.



# 2

## Polytechnic Approach

The campus is a laboratory which supports teaching and learning by doing, inside and outside of the traditional educational settings.



# 3

## Connectivity is Key

Connectivity is key to orientation/wayfinding and ease of circulation for a safe, inclusive and universally accessible campus.

# 4

## Pedestrian Campus in a Commuter Reality

Campus has to be safe, accessible and convenient (*by multiple modes of transportation*), and walkable - bikeable for all students (*commuting or living on or near campus*) as well as for faculty, staff and visitors.



# 5

## Sustainable in All Aspects

Decisions must be sustainable environmentally, economically, socially and consistent with Cal Poly's values, commitments, goals.

# **1 Start with the Campus Places not the Buildings**

---

**Focus on the space between the buildings, and making places for a wide variety of co-curricular active uses, formal and informal learning (outdoor classrooms) and other social, cultural and recreational uses.**

**These are also the most memorable uses on the campus.**



## 2 Make the Polytechnic Activity Visible.

Design facilities to be more visible and connected with campus exterior spaces to actively engage students, faculty, visitors.

Use the ground floor to curate a series of active spaces that are visible to passer-byers.

Consider how Innovation Village can support and showcase student and faculty projects to industry and the greater community.





# 3

## Close the Loops. Make the Connections.

---

Support safe, intuitive and convenient connections for all modes of transportation, entering and navigating the campus

Close the 'loops' on campus by making campus shuttle bus services more effective, efficient and convenient. Also improve connections to regional transportation.



# 5

## Transform Neighborhoods into Hubs.

---

**With college neighborhoods as anchors, create interdisciplinary hubs and commons with opportunities for collaboration.**

**Study options for creating new shared resources for instruction, student success and faculty professional development and collaboration.**



# 4

## Shift the Center.

Over the years while the ‘academic core’ of the campus has remained relatively fixed, the campus continues to grow to the south. The relocation of student housing / dining hall, and the new Student Services Building adds to the perception of the shift in the ‘center of campus’. As the campus grows travel distances increase. Campus bus routes, walks, malls and gathering spaces are impacted, especially around the new Student Services Center.

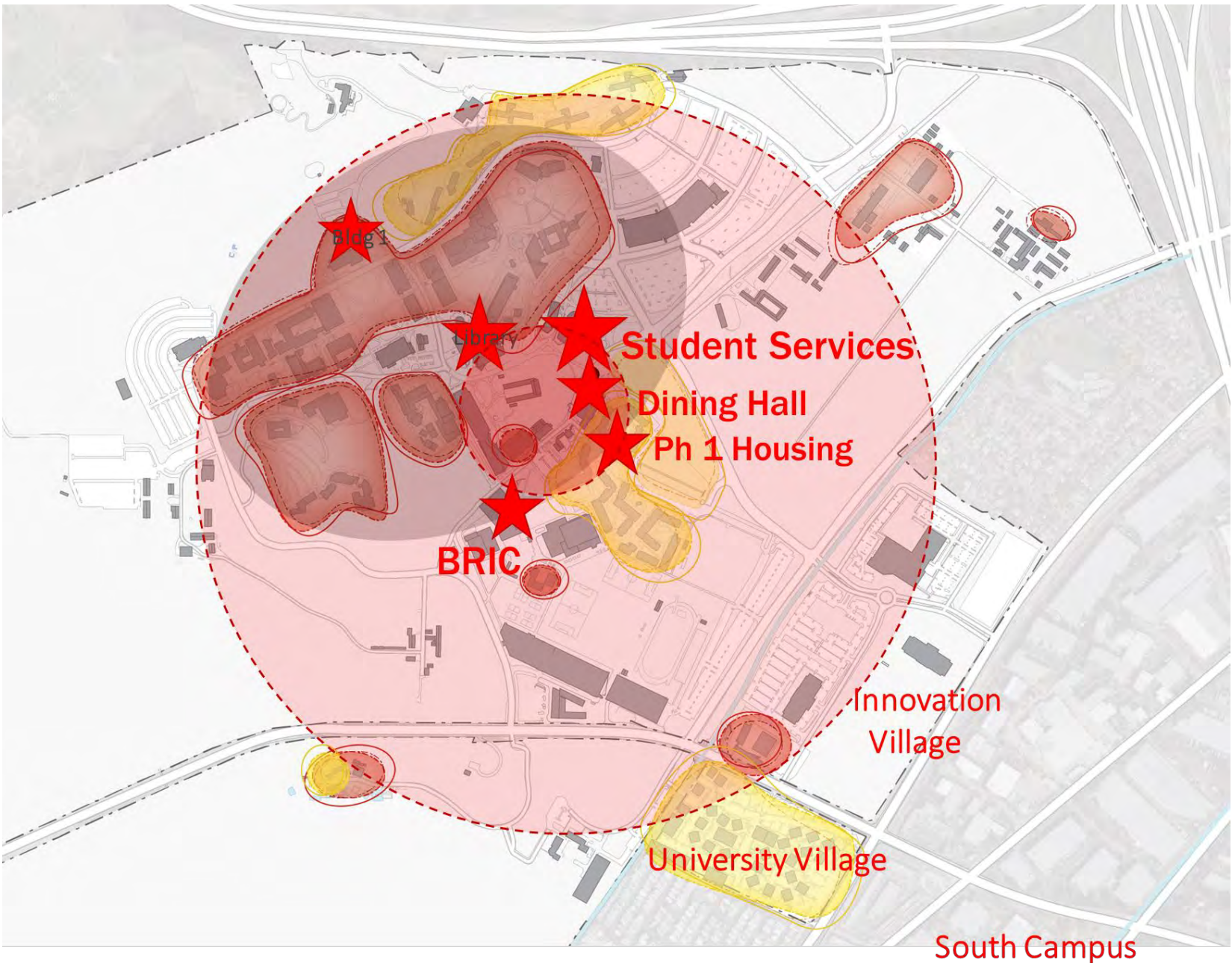
This Center will be the new ‘front door’ and the arrival sequence and experience should be clear and welcoming to new or prospective students, faculty and visitors.



# Shift the Center: continuing to move to the south



2000 Campus Master Plan

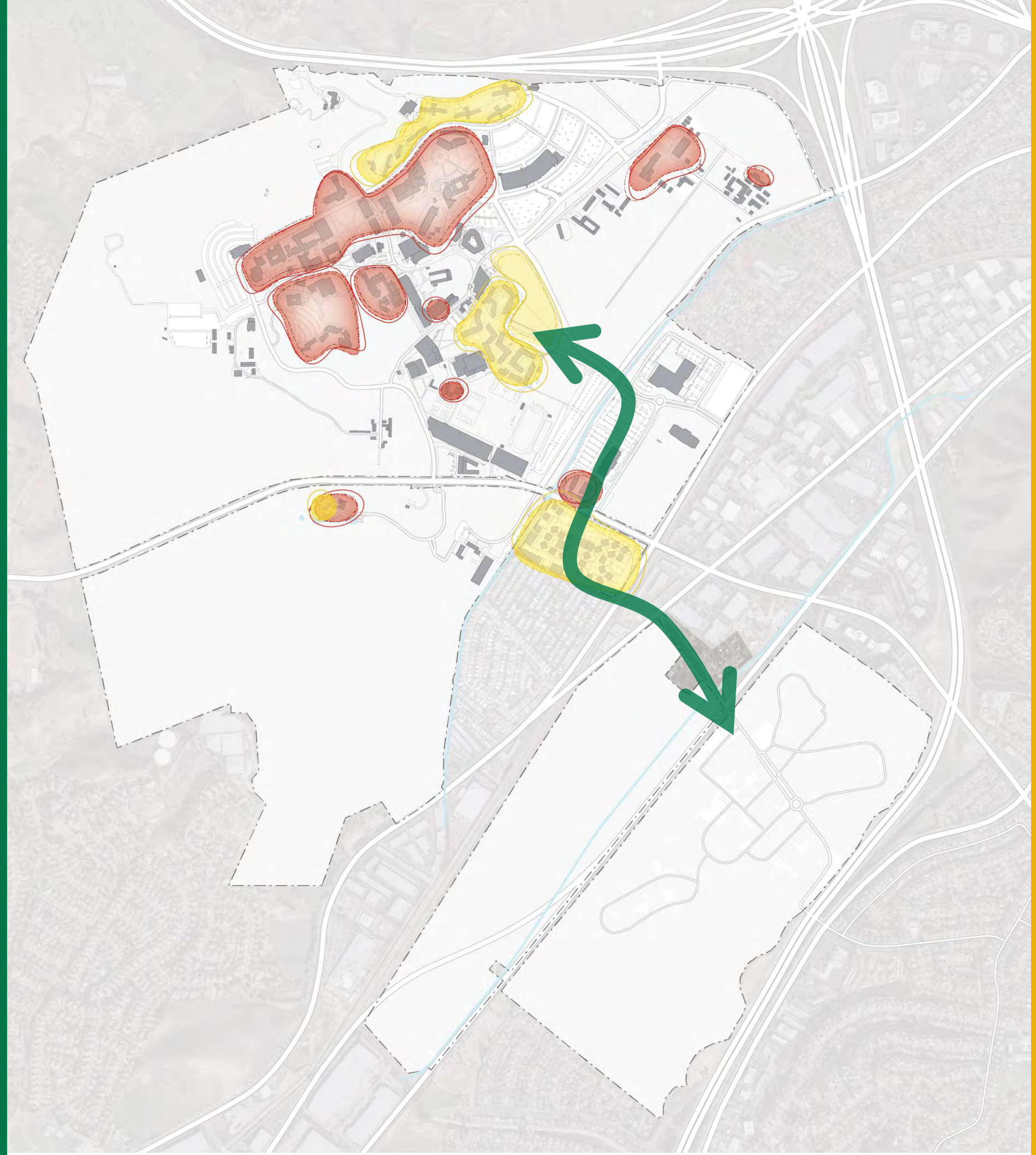


2018 Campus

# 6

## Expand the Plan.

Planning for all campus systems must include all of the campus, including South Campus, Innovation Village, University Village, Spadra farms, etc.



# Planning Principles

- 1 Start with Campus Places not Buildings**  
Focus on the space between the buildings, making places for active use for learning and engagement
- 2 Make the Polytechnic Activity Visible**  
Line campus malls, walks, quads with visible, active ground floor spaces
- 3 Close the Loops, Make the Connections**  
Support intuitive, convenient connectivity, within campus and to regional routes

---

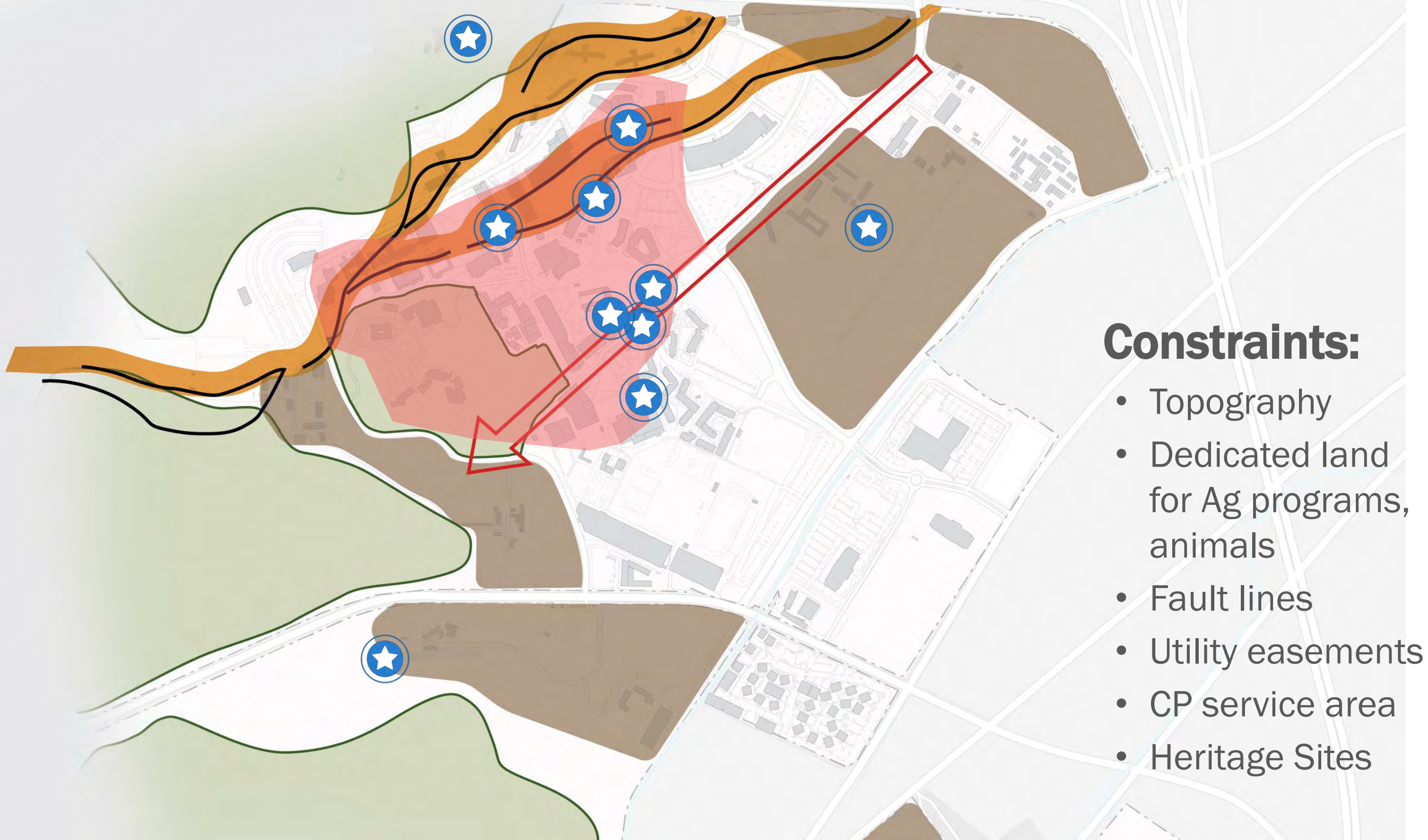
- 4 Shift the Center**  
Focus organization, activity and circulation around the new center of the campus
- 5 Transform Neighborhoods into Hubs**  
Organize areas of focus with strong anchors + interdisciplinary hubs + commons
- 6 Expand the Plan**  
Include all Campus Assets (*South Campus, Innovation Village, University Village, etc.*)

Planning:

**Constraints, Needs, Drivers**

---

# Constraints:



## Constraints:

- Topography
- Dedicated land for Ag programs, animals
- Fault lines
- Utility easements
- CP service area
- Heritage Sites



# Needs:

## Needs:

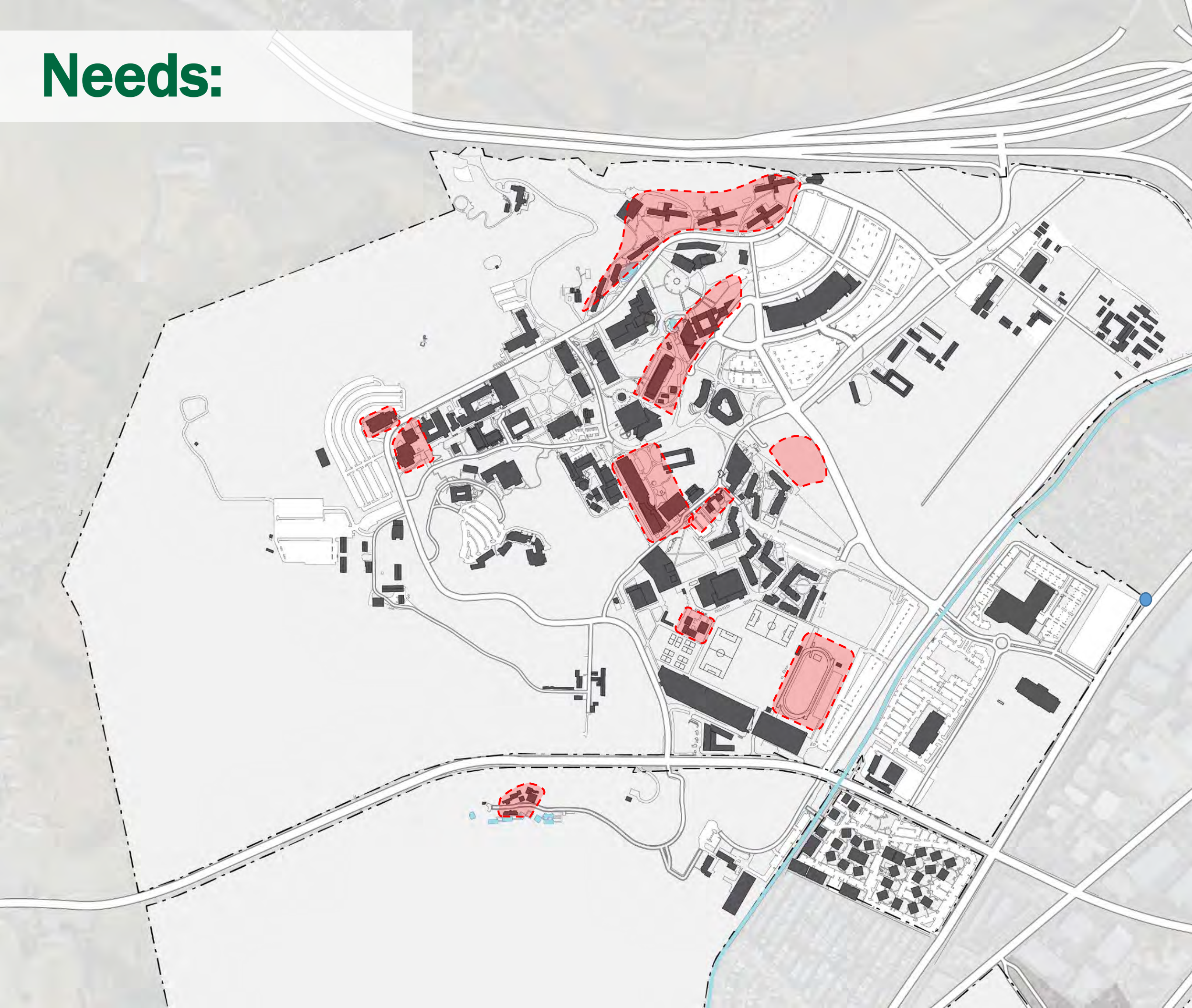
- Instructional Space, shared resources
- Housing Phase 2 + FYE housing

## New (relocated):

- CSHW
- Childcare Center

## Expand/Improve:

- BSC
- CLA (or replace?)
- Eng/Art Annex?
- Interim Design Ctr
- Lyle Center
- Kellogg, Track/Field
- Ped-bike ways
- Campus transit + bus connections



# Drivers:

## Mobility – major master planning driver



### Pedestrian

- Safety and Convenience
- Signage and Wayfinding
- Malls and major Walkways
  - Gathering Spaces
    - Sidewalks
    - Trails



### Bicycle

- Types of Bike Lanes
  - More Bike Lanes
- Connections to City Lanes
- Connections to Regional Trails



### Transit

- Stop Locations
- Routes and Schedule
- Shuttles / Circulators
  - Rail Connections
- Regional Bus Connections



### Vehicular

- Signage and Wayfinding
- Congestion and Safety
  - Drop-off areas
  - Car Charging
- Signals or Roundabouts
  - Disability Access
    - Parking

# Concepts

---

**01: Keep getting better (*mild*)**

Extend the North-South Ped-Bikeway

**02: Meet me in the middle (*medium!*)**

New East-West Multi-modal Mall

**03: Make a big leap (*spicy!*)**

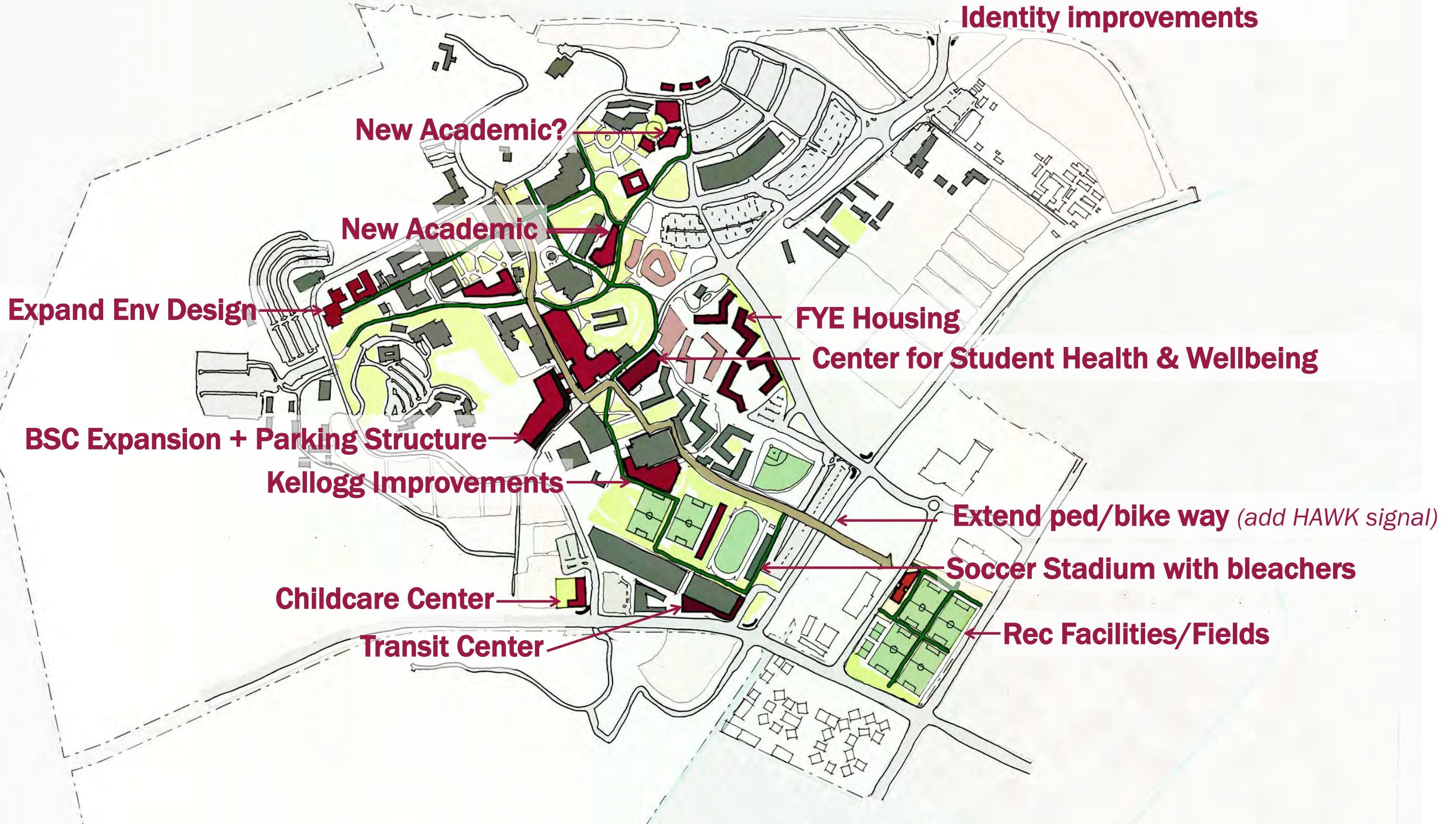
North-South Ped-Bikeway + Improved Loop

Concept 01:

# Keep Getting Better

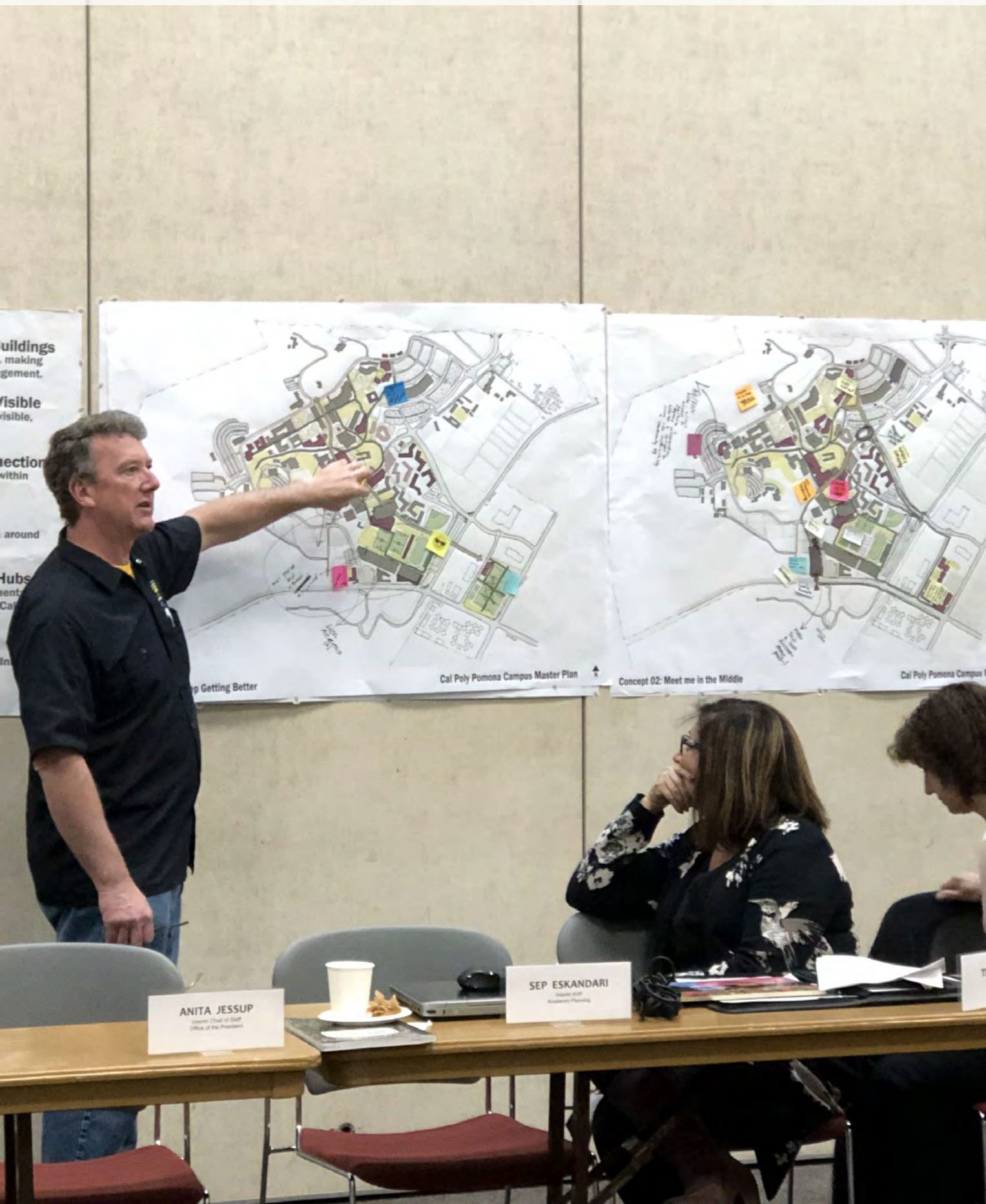
---

# Concept 01: Keep Getting Better



Existing Building    In-Progress Building    New/Renovated Building

# Concept 01: Keep Getting Better



## Pros:

- N-S pedestrian + bike mall
- One-way campus shuttle bus loop
- Transit Connection at Temple/South Campus corner
- Parking Structure + Conference Center
  - connection to Bronco Student Center, Kellogg West
  - +800 spaces close to event venues (*Theater, Recital Hall, Kellogg Arena*) and accessed from Temple without driving through the campus
- Campus Health +Well-being Center on the central mall

## Cons:

- Innovation Village recreation fields - *not the highest and best use of the undeveloped land, esp given the gateway/edge location and proximity to South Campus*
- Don't like Child Care Center at Temple and University

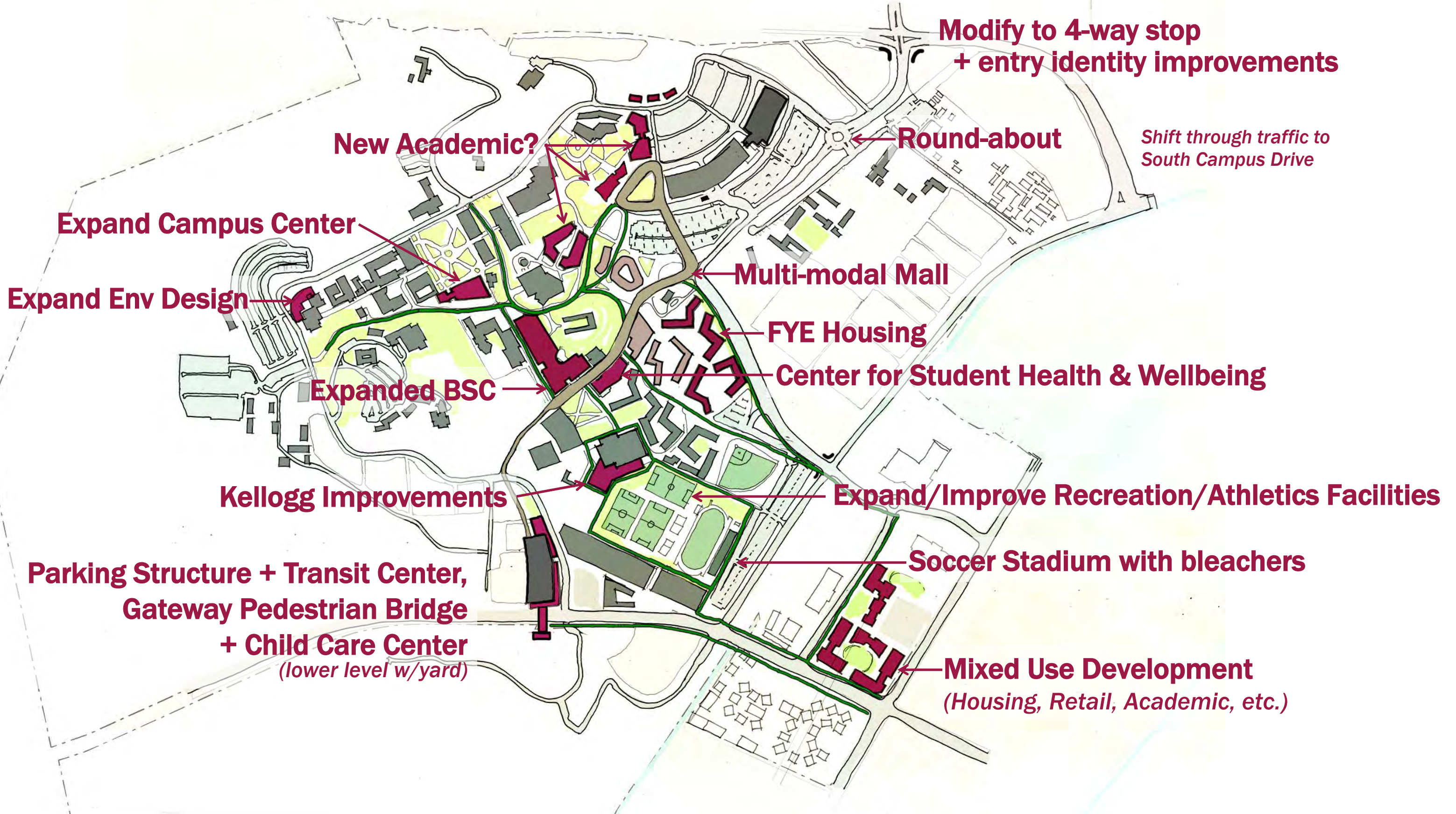
*Overall this concept seems to be built around the existing campus infrastructure and doesn't fully resolve major issues of campus entry from the freeway.*

Concept 02:

**Meet me in the middle.**

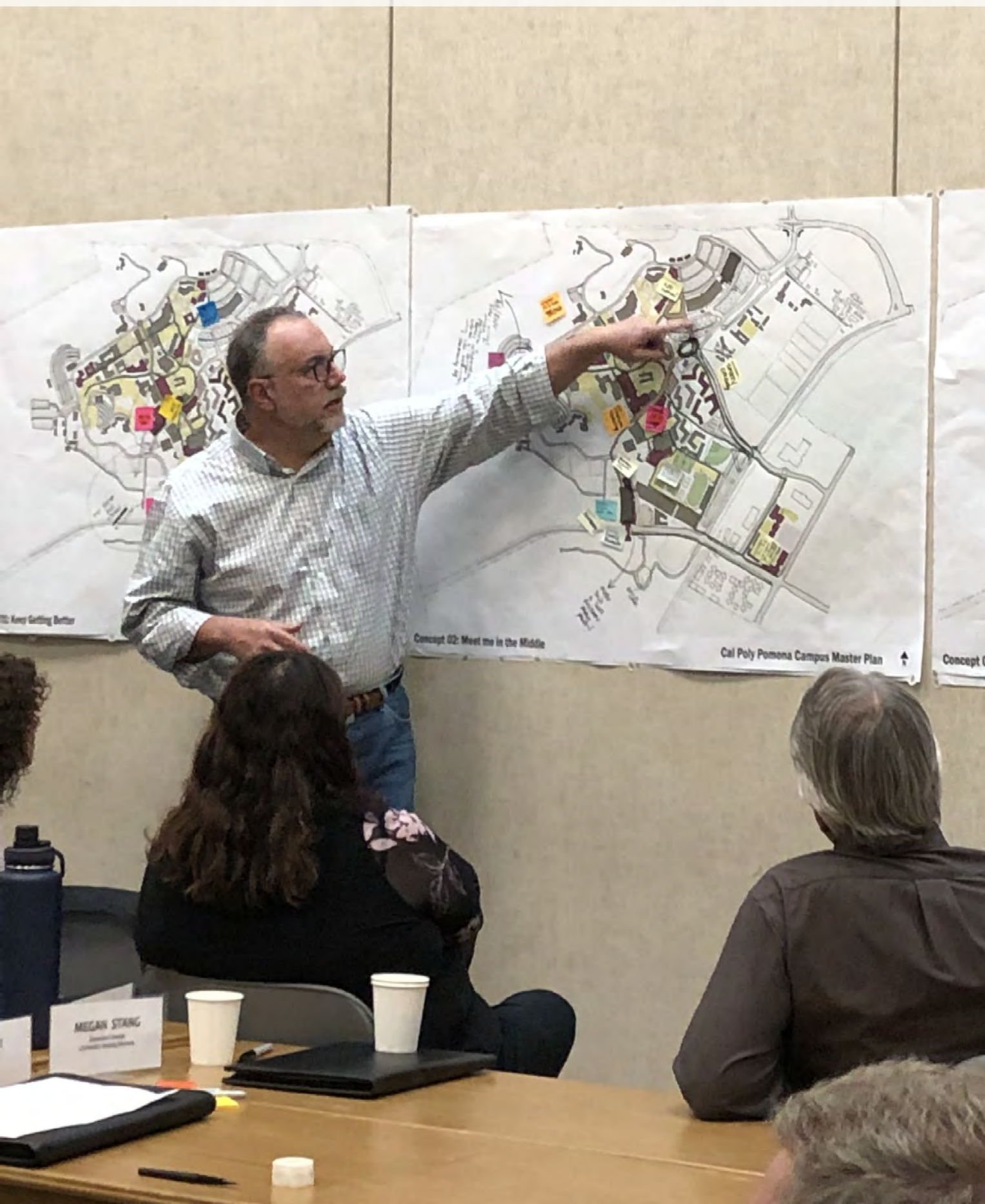
---

# Concept 02: meet me in the middle





# Concept 02: Meet Me in the Middle



## Pros:

- E-W central pedestrian/bike/transit mall
- Campus Health +Well-being Center on the central mall
- Expanding Environmental Design building in place
- Innovation Village Mixed-use Development – *like mixed use with active street front; housing above might not make sense if South Campus will include more housing*

## Cons:

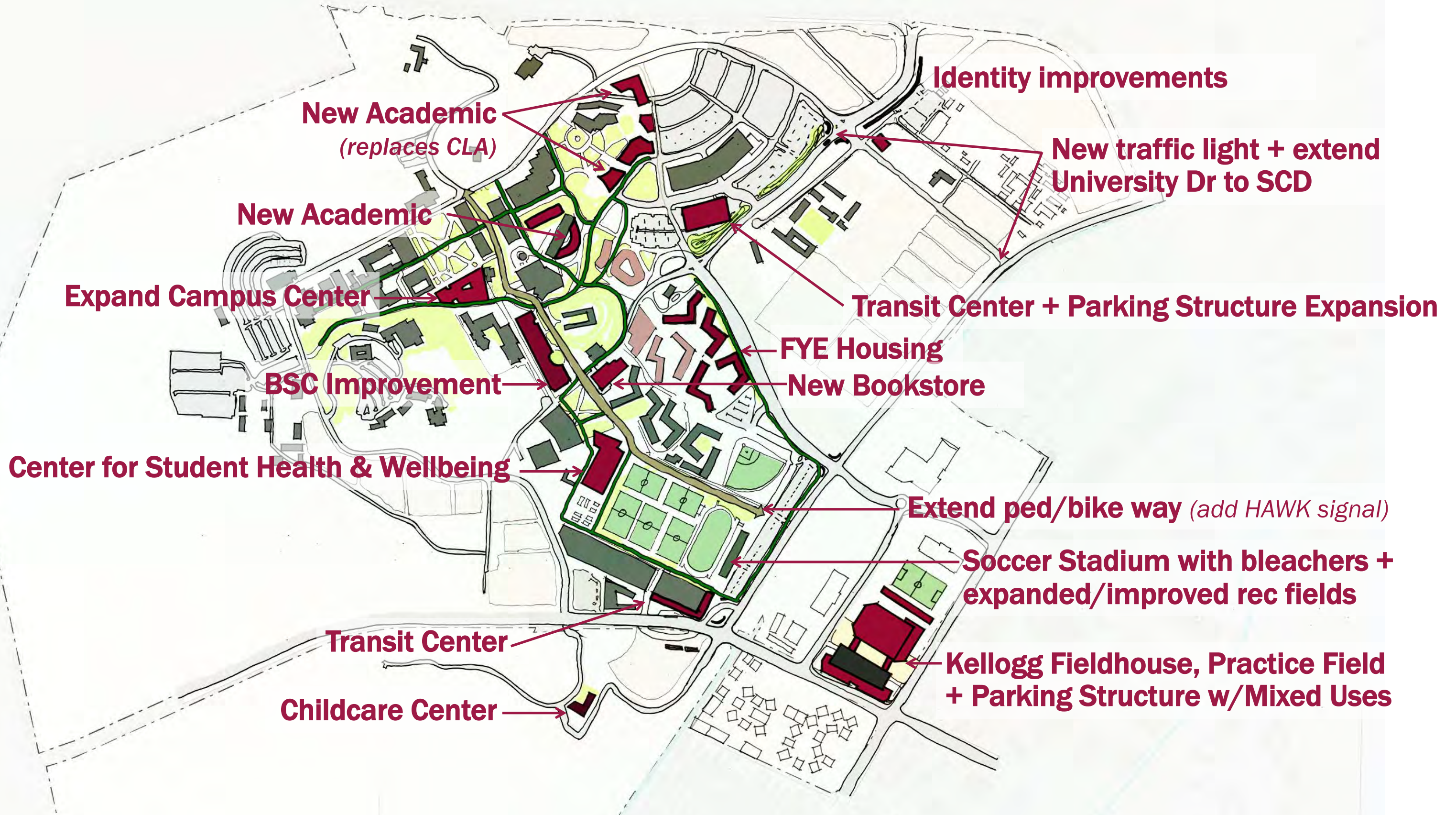
- Multi-level parking + transit hub at Temple/University – *not accessible if elevator isn't working; too remote?; could conflict with I-Poly drop-off; would rather see hub on Kellogg or South Campus*
- Child Care Center – *not sure about this location*

*This concept is very different from current campus organization and seemed to raise more questions and conflicting opinions about pros and cons.*

Concept 03:

# Make a Big Leap

# Concept 03: Make a Big Leap



Existing Building    In-Progress Building    New/Renovated Building    Parking Structure

# Concept 03: Make a Big Leap



## Pros:

- N-S pedestrian + bike mall (w/o transit, extend across SC Dr)
- One-way campus shuttle bus loop
- University Drive extended to South Campus Drive
- New Arena-Fieldhouse development in Innovation Village potential to be a 'Visitors/Alumni Center, street front retail/food/entertainment extends Brew Works concept to create an active 'town-gown' edge
- Campus Health + Well-being Center on the central mall (some concern about distance from the academic core)

## Cons:

- Child Care Center location - parents still have to look for parking after drop-off.
- Transit hub located at Temple and S. Campus - needs a pedestrian bridge for safer access to the campus and surrounding housing, etc.

*Overall this concept seems to be more forward looking, connecting to the south campus and creating a new major front-door-gateway at Valley and Temple.*

Concepts

# Analysis + Synthesis

# Combined Concept Plan: 'Make a Big Leap' + *preferred elements from other options*



# Concept Synthesis

Collaborative academic space + CLA classroom replacement

University re-striped w/dedicated transit lane (less on-street parking)

Shift University for expansion of Environmental Design Bldg

Expand Parking Structure w/ Transit Center

Extend University Drive to SCD

New Parking Structure w/BSC Expanded Conference Center above

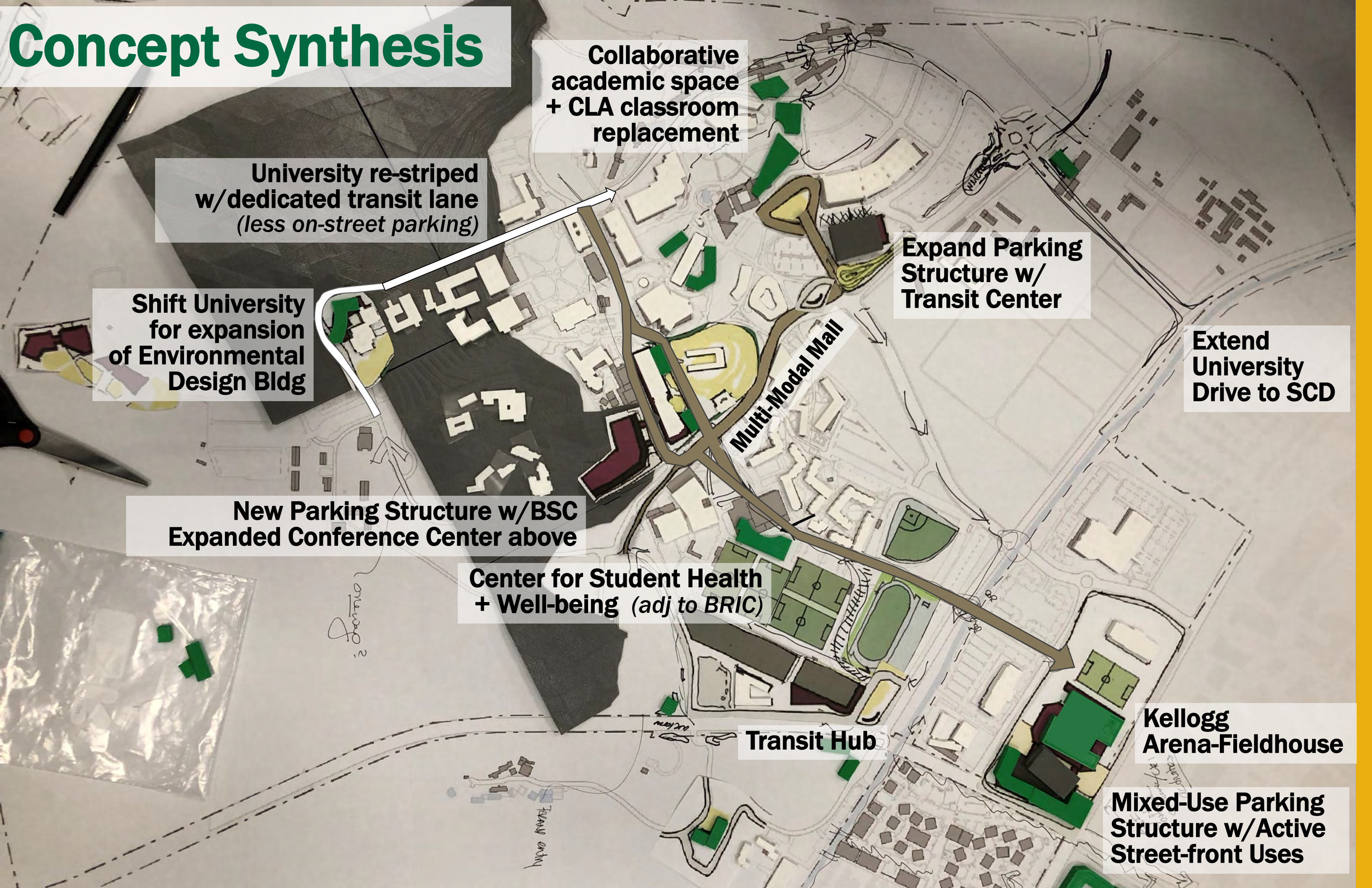
Center for Student Health + Well-being (adj to BRIC)

Transit Hub

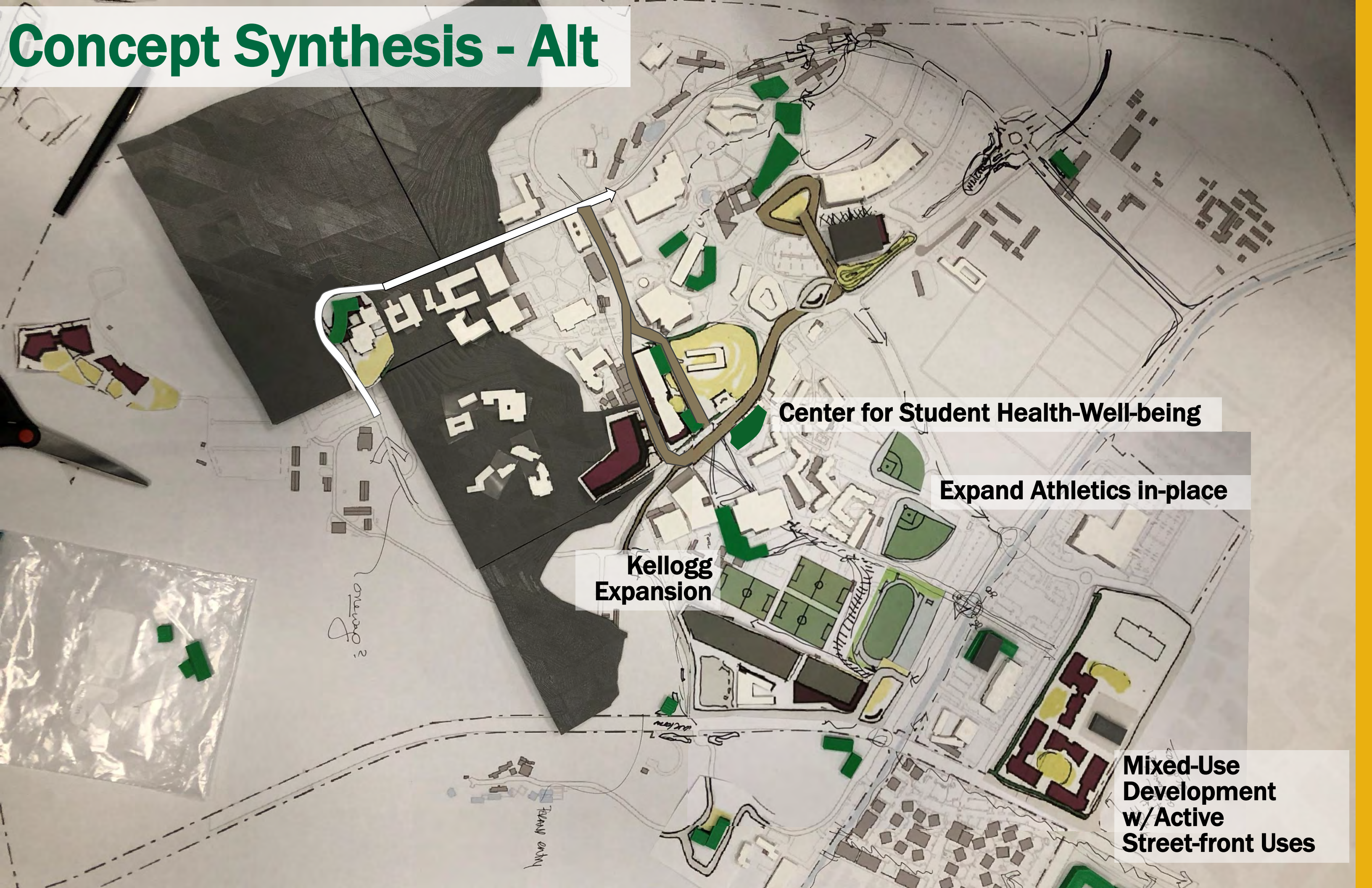
Kellogg Arena-Fieldhouse

Mixed-Use Parking Structure w/Active Street-front Uses

Multi-Modal Mall



# Concept Synthesis - Alt



**Center for Student Health-Well-being**

**Expand Athletics in-place**

**Kellogg  
Expansion**

**Mixed-Use  
Development  
w/Active  
Street-front Uses**



# Feedback-Discussion

*Additional graphics and discussion materials will be reviewed*

## Campus-wide systems

- **Campus Entries** - *including rerouting thru traffic*
- **Campus Transit** – *dedicated lane for shuttle bus loop on University, transit ‘hub’*
- **Transit Center/Hub Options** – *connect to routes on Temple, South Campus Dr and I-10*
- **Pedestrian/bike way** - *extend north to University + across South Campus Dr*
- **Parking Structures** – *@ BSC-theater?, @ expand existing PS#1, @ New Kellogg Fieldhouse?*
  
- **Studies Needed:**
  - *circulation planning to accommodate growth*
  - *parking demand management + planning for growth*
  - *sustainability - achieving CAP targets, expanding goals, activate an interim Task Force?*

# PARKING: GARAGE STUDY SITES



2012 MP site for  
Parking Structure

Mixed-Use Parking  
+ BSC Expansion

Mixed-Use Parking/Transit Center

Parking Structure Expansion  
+ Transit Center

Mixed-Use Parking Structure

# Feedback-Discussion

*Additional graphics and discussion materials will be reviewed*

## Facilities / Uses

- **Academic**

- *needed upgrades, replace temporaries?, library, shared instruction/success resources,*
- *accommodating future growth / change?*

- **Student Life**

- *Phase 2 housing + future FY housing sites*
- *Site for Center for Student Health and Wellness*
- *Expanding recreation + athletics (practice/rec fields, Kellogg arena, track/field, softball?)*

- **Studies Needed:**

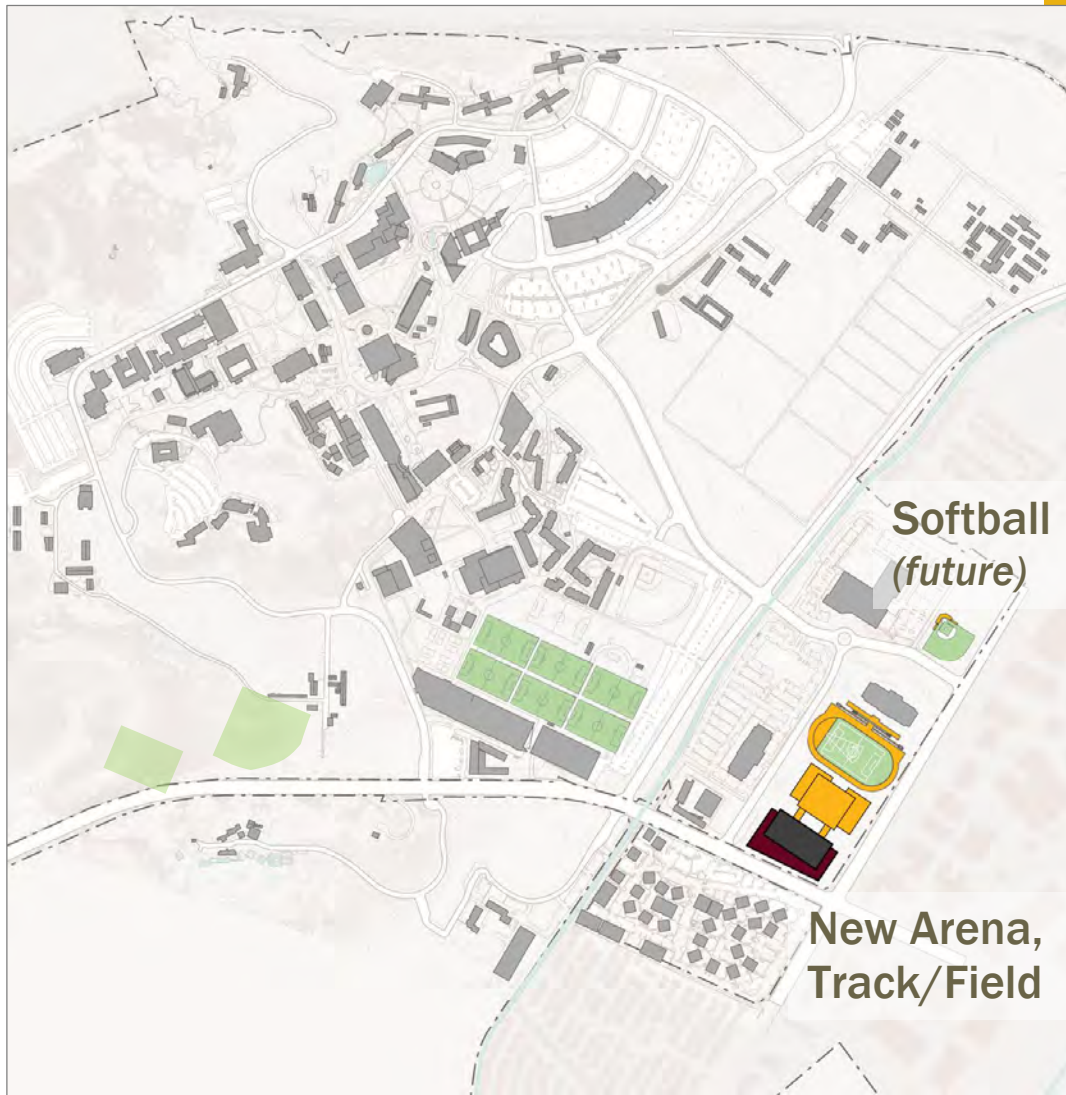
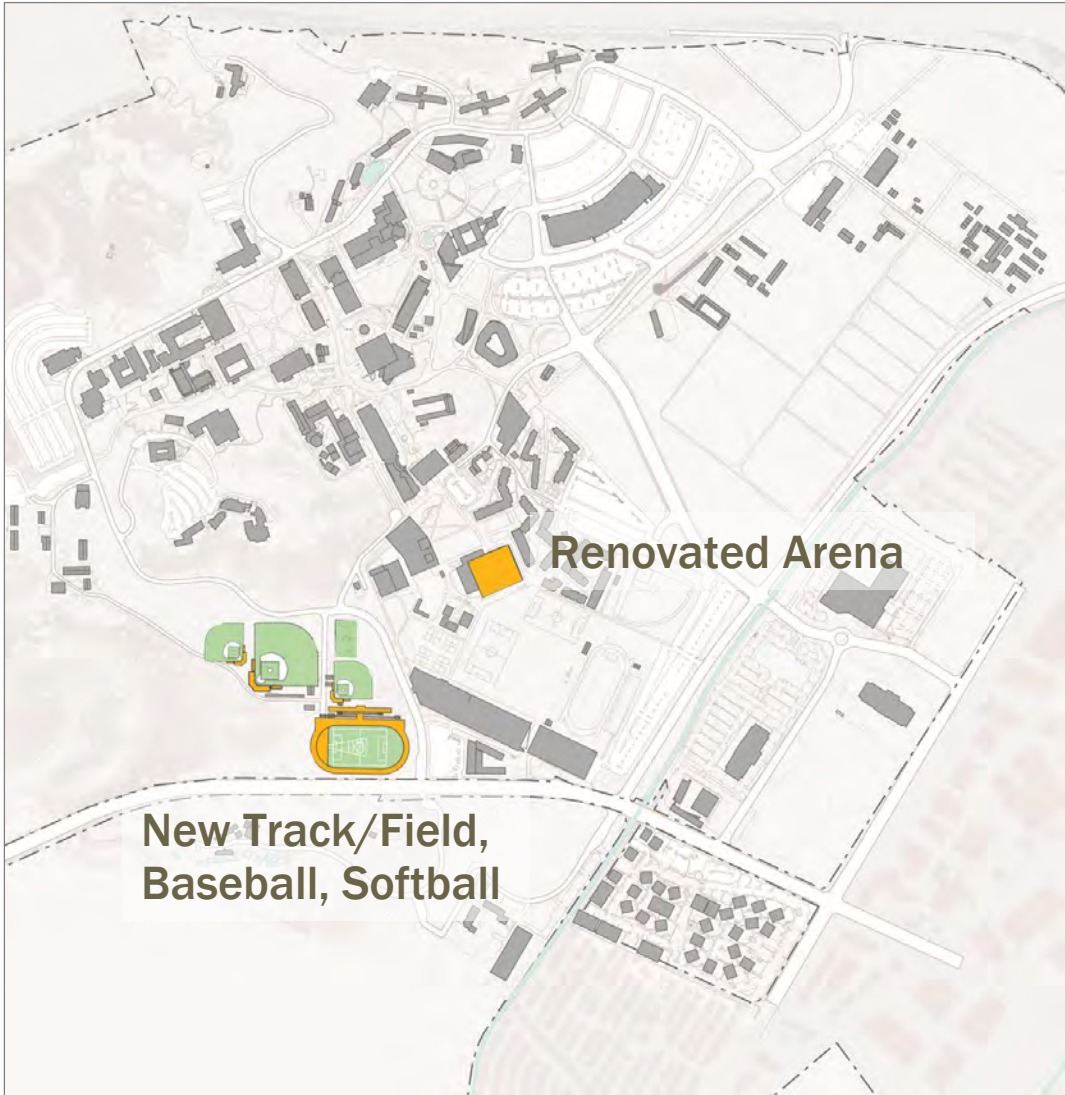
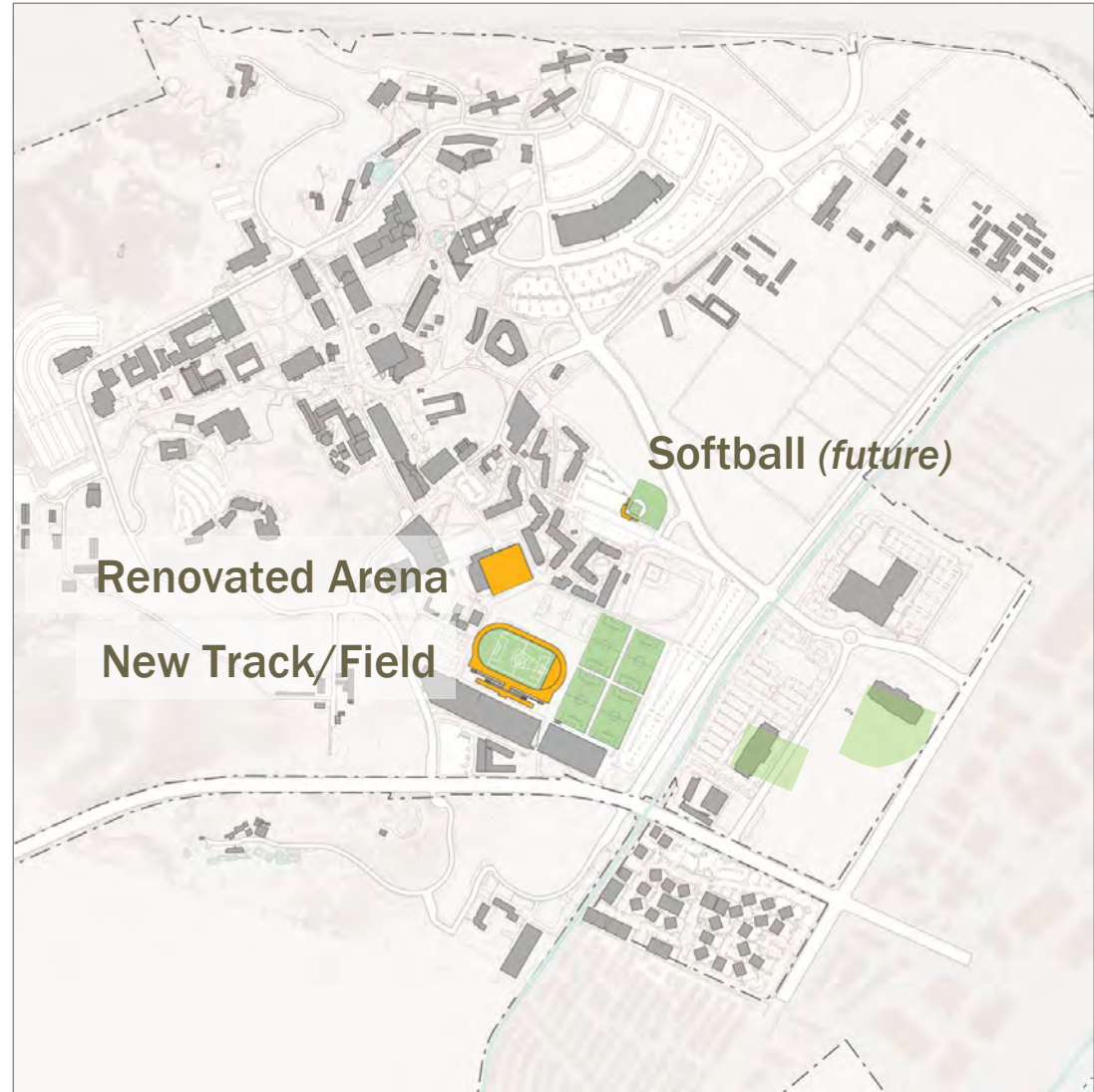
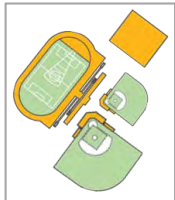
- *BSC renovation/expansion*
- *CLA classroom wings (repair/renovate or replace)*
- *Innovation Village Development – are there options?*
- *Site for Childcare Center*
- *Approach for site of vacated buildings – CLA tower, brick dorms, old dining hall*

# STUDENT HOUSING: STUDY AREAS



# ATHLETICS: CONCEPTS

ALL MAJOR  
ATHLETICS  
FACILITIES



**IMPROVE IN PLACE**

**2012 MASTER PLAN**

**CONCEPT 03:  
MOVE FACILITIES**

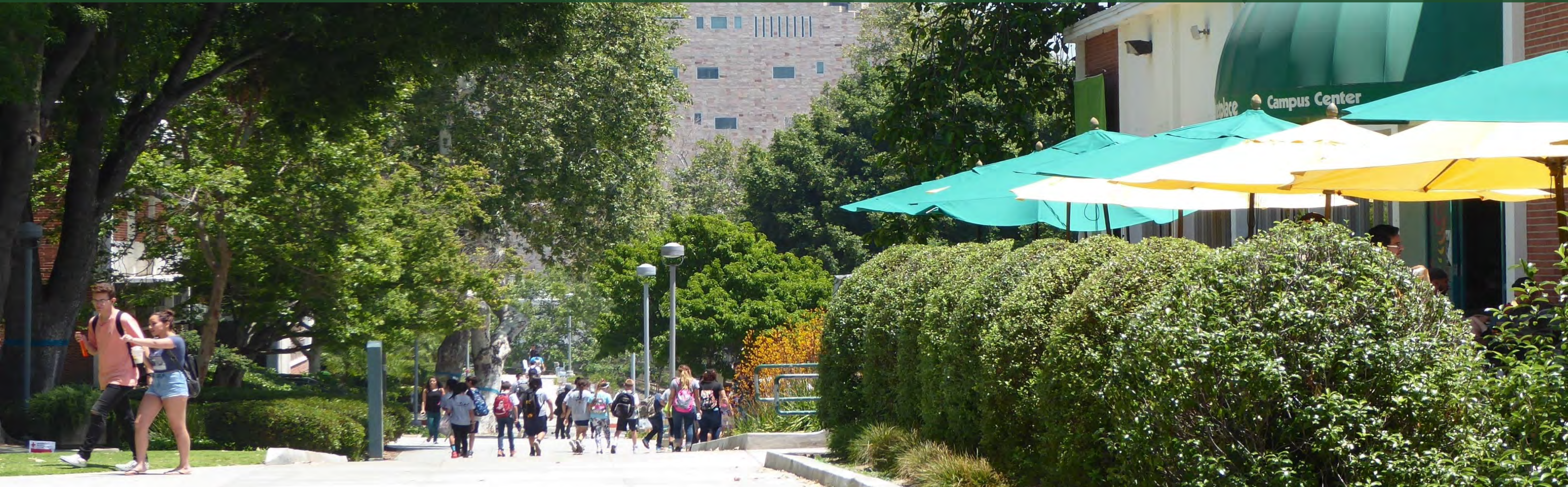
# Discussion, Q + A



# Next Steps:

- **Schedule Workshop #5: HUB/Area Studies** *September/October?*
- **Focus Sessions:**
  - Transportation Advisory Committee*
  - Academic Resources (library learning commons, study space)*
  - Sustainability (interim advisory group?)*
- **Space Analytics**
  - *Semester 2018 instructional space analysis* *October/November?*
  - *stakeholder mtgs w/Provost + Deans?*
- **Planning for Community Listening Session** *mid-October?*

**Thank you!**







# Workshop #3: *stakeholders meetings*

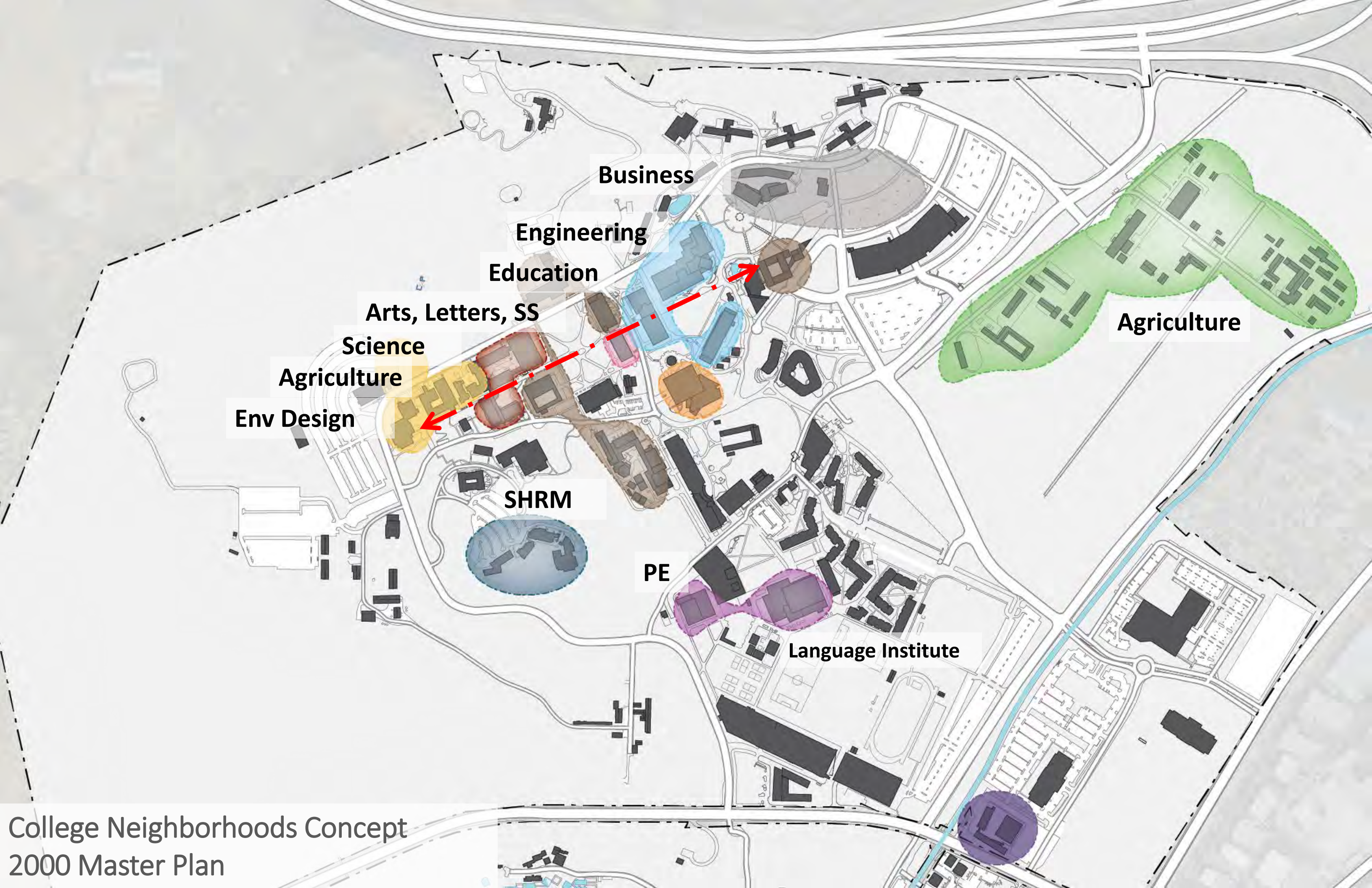
- Police, Institutional Risk Management
- Foundation: Dining
- Cultural Organizations: *Office of Student Life and Cultural Centers, African American Student Center, Cesar Chavez Cultural Center, MASA, Native American Center, Pride Center, Greek Life, Women's Resource Center*



# Workshop #3: Analysis + Concepts

*(small sampling follows)*

- **Mobility: Pedestrian, Bicycle, Transit, Vehicles**
  - *getting to and from the campus*
  - *moving through/around campus – transit, pedestrians, bikes*
- **Land Uses**
  - *uses (academic core, student life, athletics, recreation, parking)*
  - *academic consolidation*
  - *planning for replacements, expansion/additions, future growth*
- **Open Space** – *open space + landscape, tree canopy, topography*



**Business**

**Engineering**

**Education**

**Arts, Letters, SS**

**Science**

**Agriculture**

**Env Design**

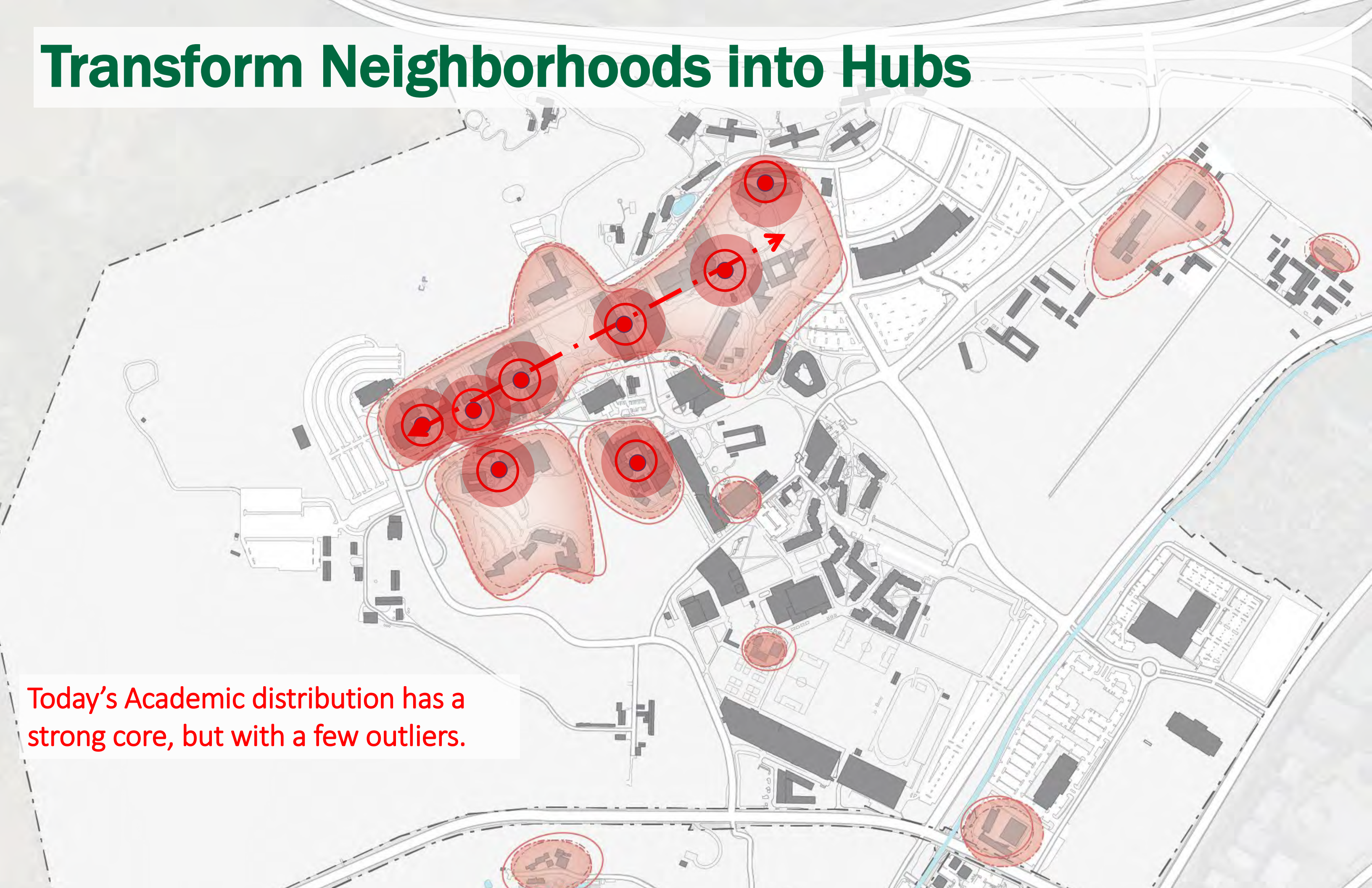
**SHRM**

**PE**

**Language Institute**

**Agriculture**

# Transform Neighborhoods into Hubs



Today's Academic distribution has a strong core, but with a few outliers.

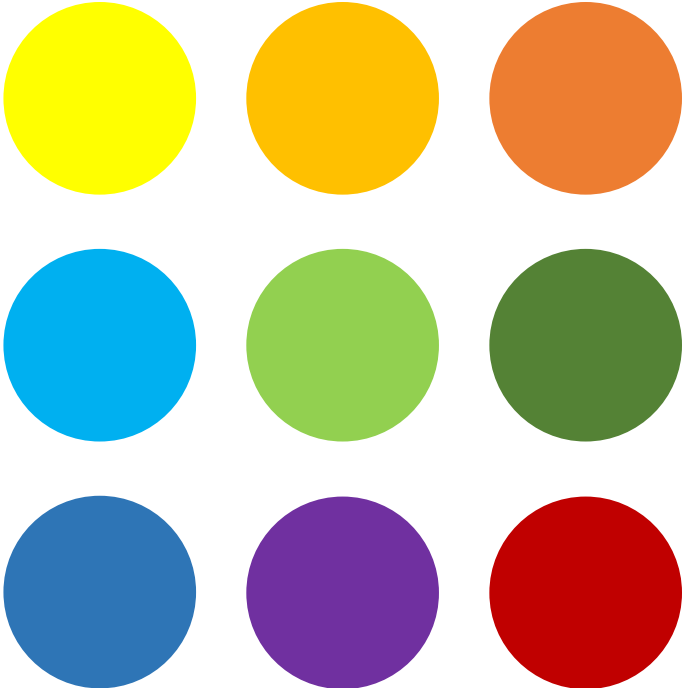


**Architecture student's  
'neighborhood'**

The neighborhood concept was not fully seen through or may have been outgrown.

Many programs are dispersed across multiple buildings with no intuitive connections.

# Transform Neighborhoods into Hubs.

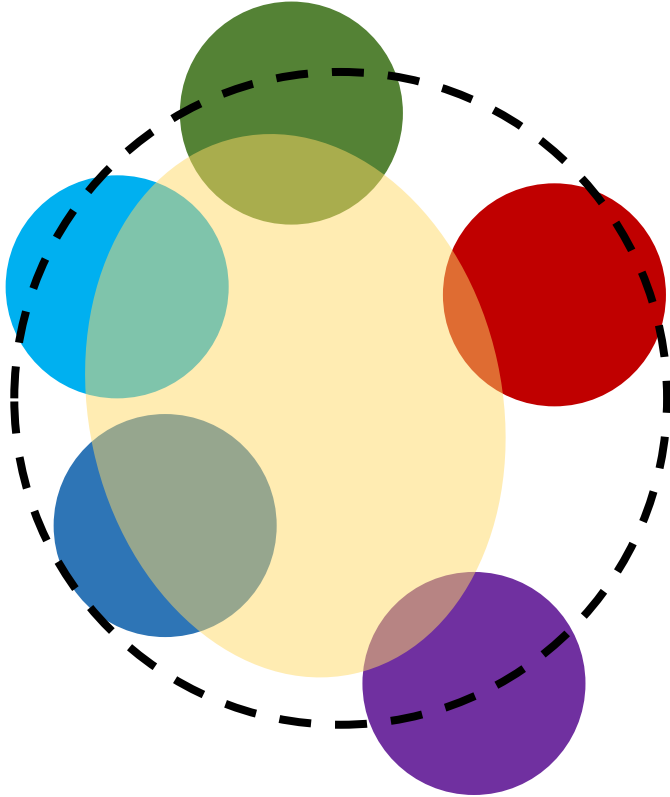


Neighborhoods



Intersections

Sponsor interdisciplinary activity  
+ opportunities for collaboration



Hubs

# Mobility – major master planning drivers



## Pedestrian

- Safety and Convenience
- Signage and Wayfinding
  - Pedestals Malls and University Park
    - Sidewalks
    - Trails



## Bicycle

- Types of Bike Lanes
- More Bike Lanes
- Connections to City



## Transit

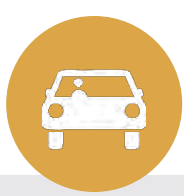
- Stop Locations
- Routes and Schedule
  - Shuttles
- Light Rail Connection
- Connection to Public Transportation



## Vehicular

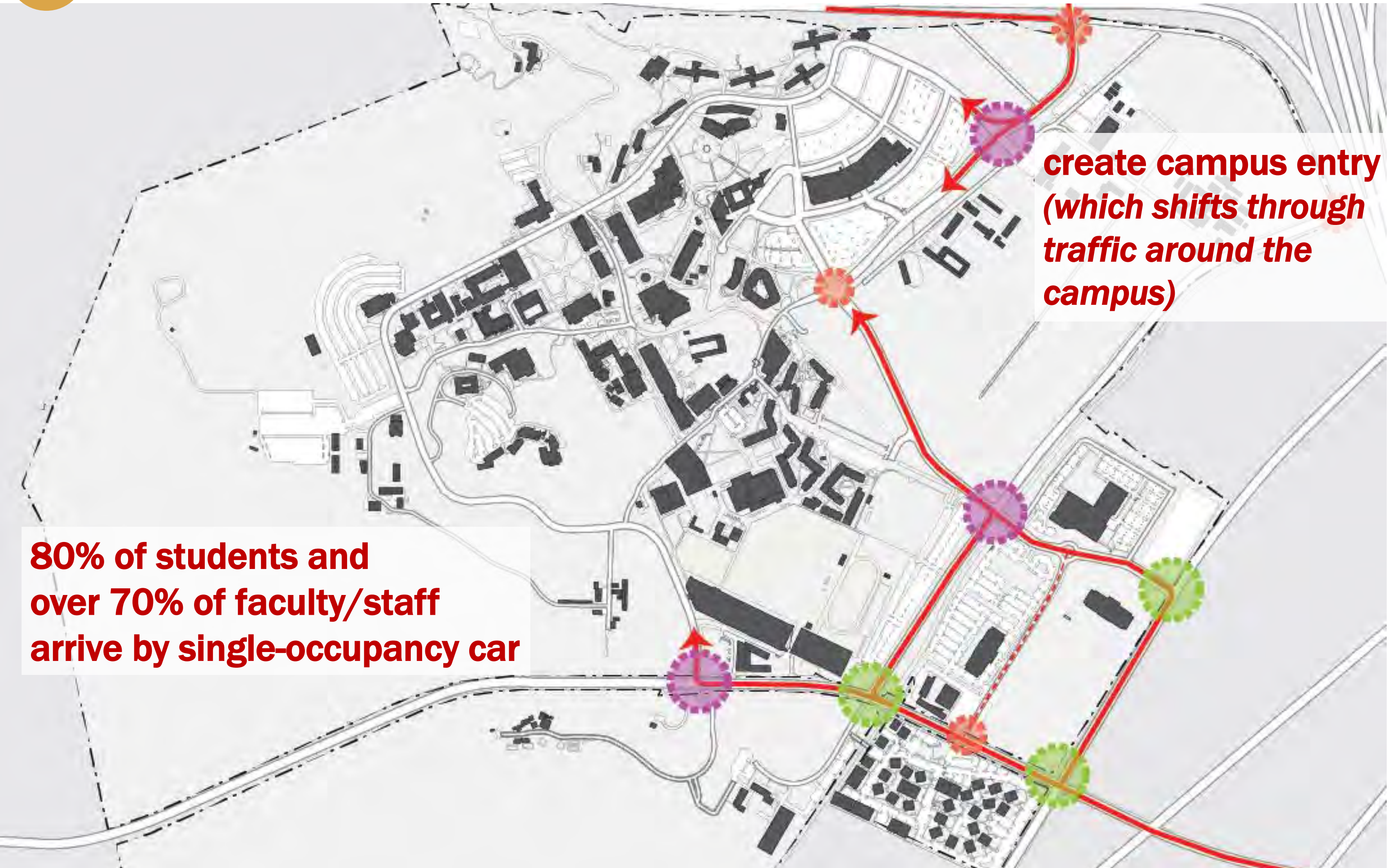
- Congestion
- Signage and Wayfinding
  - Drop-off areas
  - Car Charging
  - Roundabouts
    - Parking





# Vehicular Gateways, Circulation

*I-10 exit configuration?*



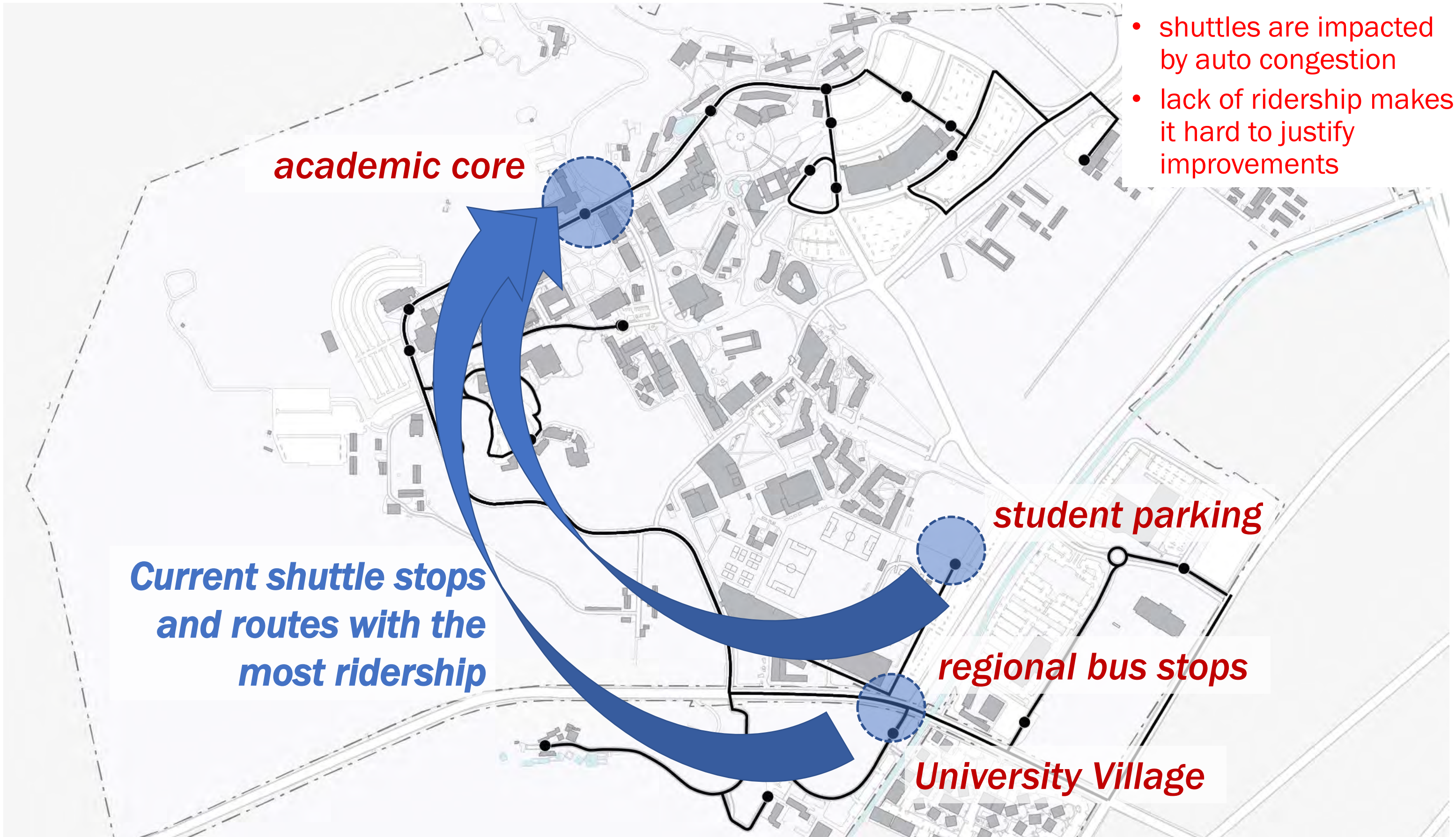
**create campus entry  
(which shifts through  
traffic around the  
campus)**

**80% of students and  
over 70% of faculty/staff  
arrive by single-occupancy car**



# Campus Transit

- low ridership because shuttles are too slow
- shuttles are impacted by auto congestion
- lack of ridership makes it hard to justify improvements



*academic core*

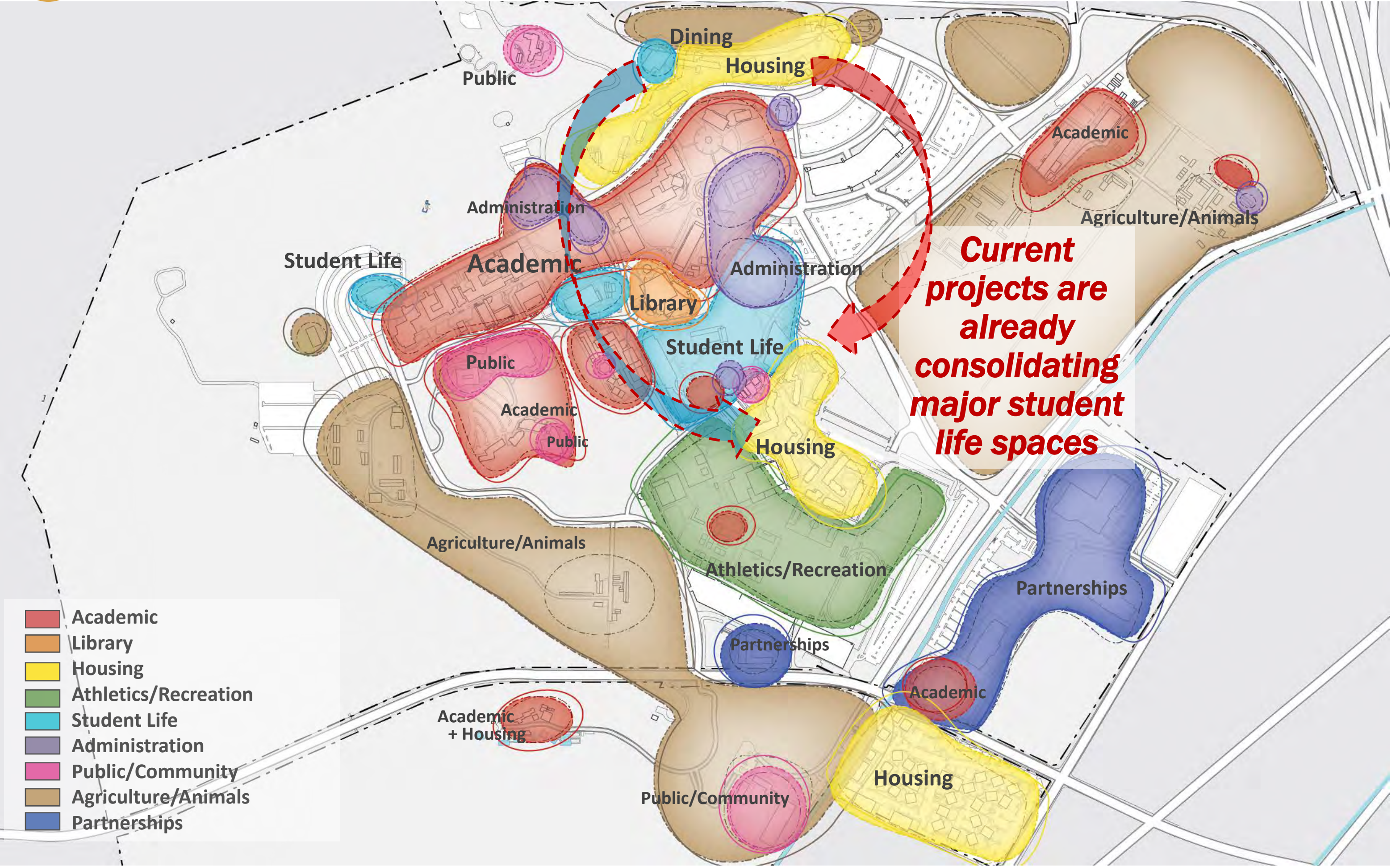
*student parking*

*regional bus stops*

*University Village*

*Current shuttle stops  
and routes with the  
most ridership*

# Program Distribution - Consolidation



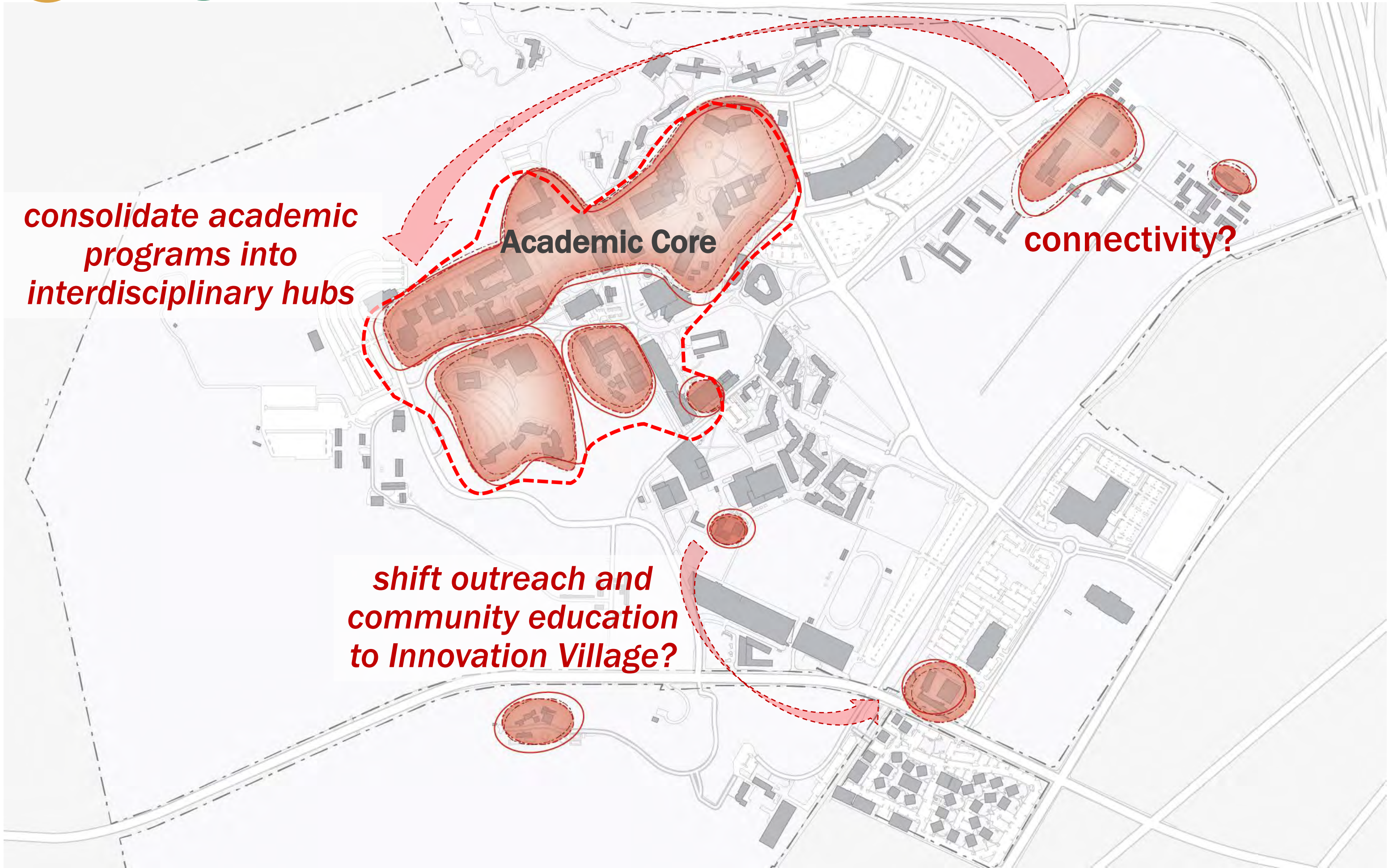
# Program Distribution - Academic

*consolidate academic programs into interdisciplinary hubs*

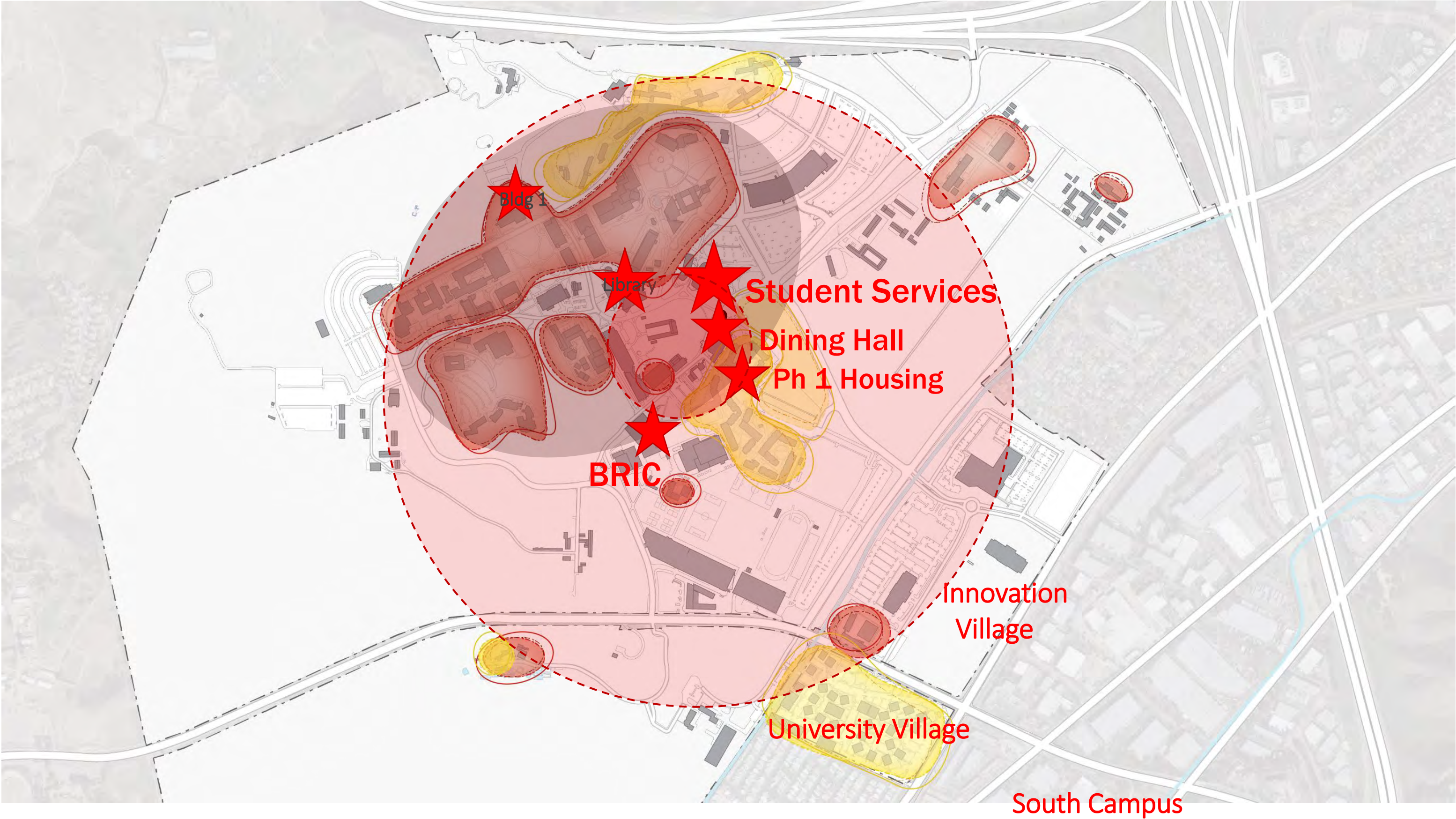
**Academic Core**

*connectivity?*

*shift outreach and community education to Innovation Village?*



# Shift the Center: Continuing to move south



# Major Constraints

---

# Constraints:



# Constraints: Topography





# Constraints: Land Dedicated for Agriculture/Animals



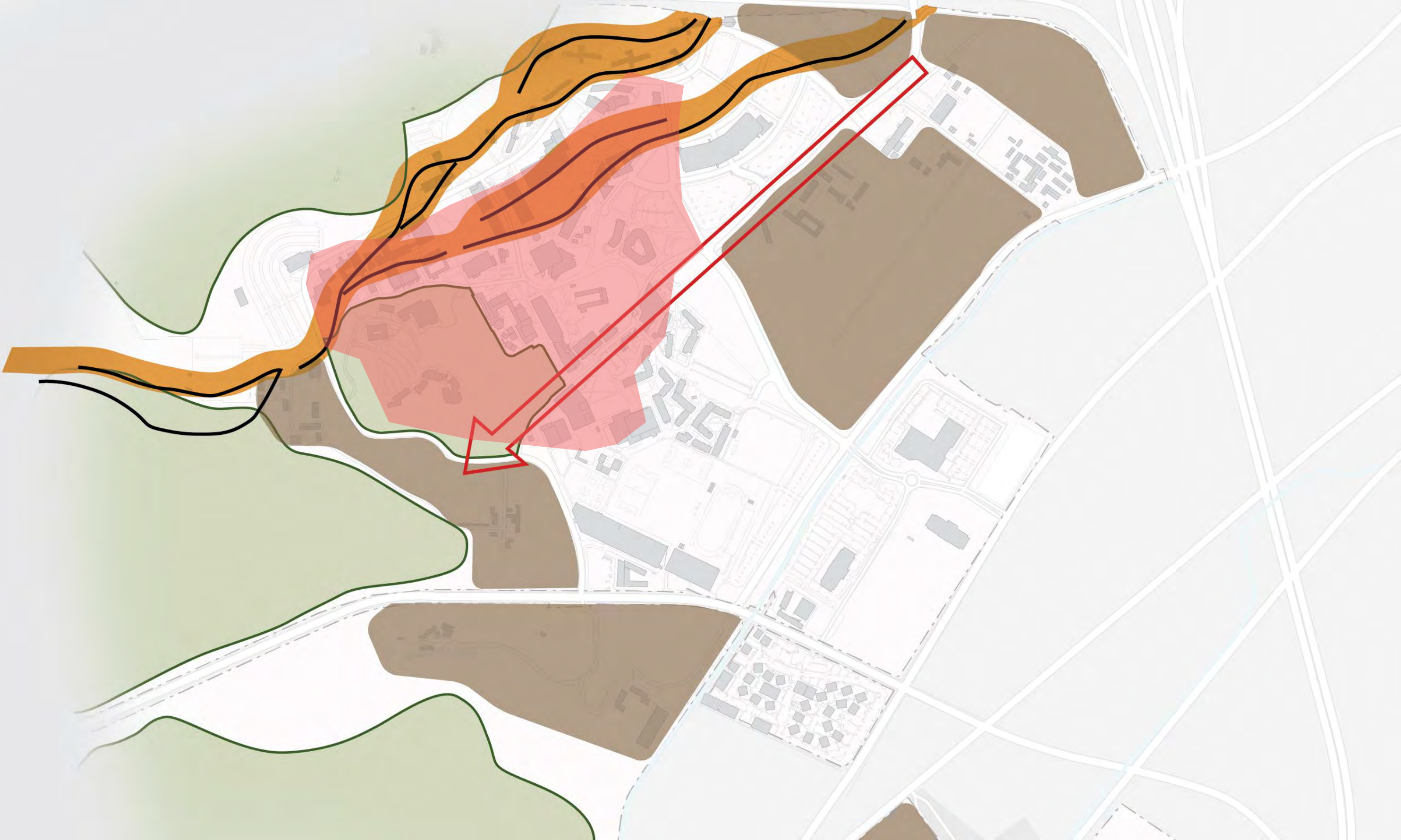
# Constraints: Fault Lines



# Constraints: Major Utility Corridor/Easements



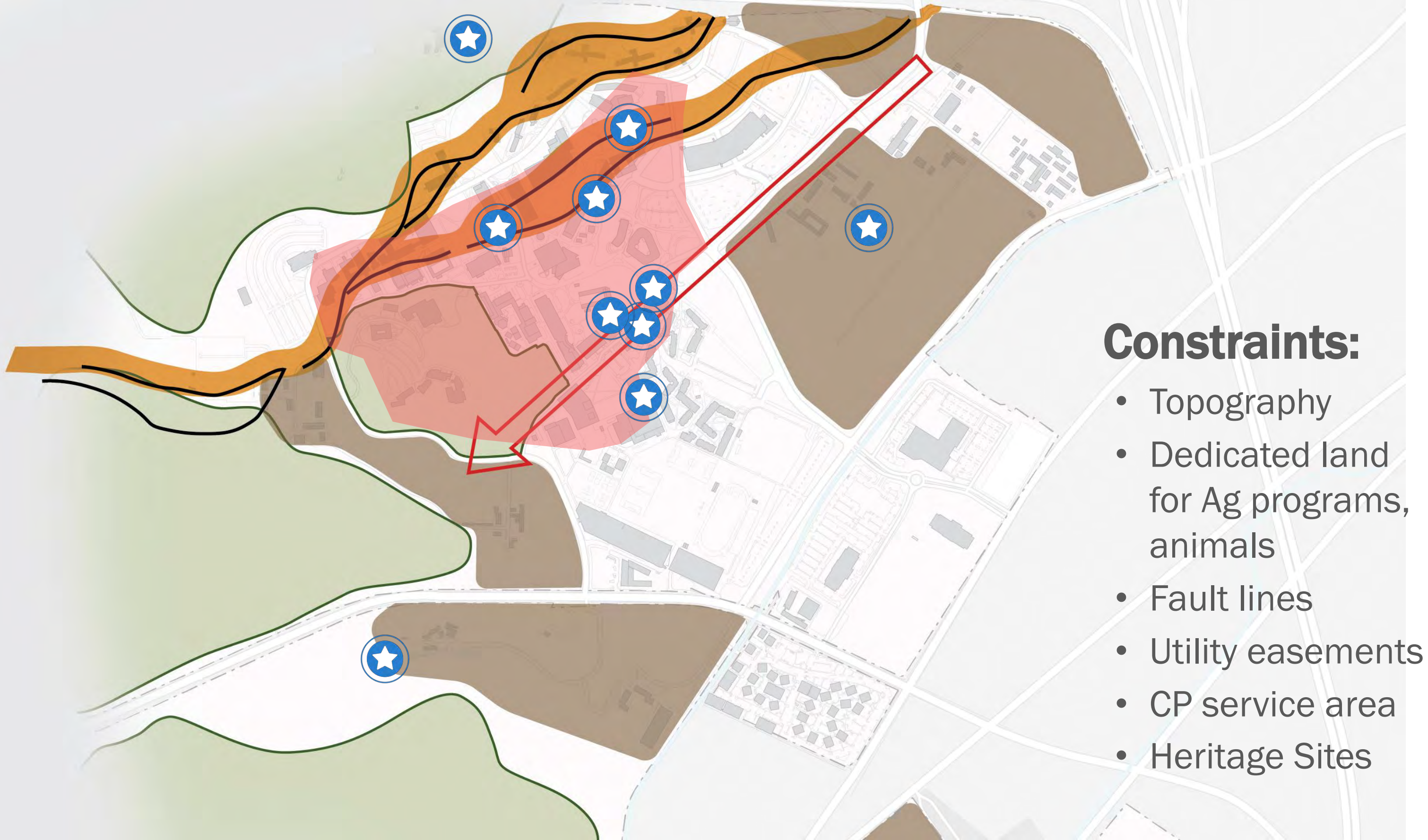
# Constraints: Central Plant Services Available



# Constraints: Heritage Sites



# Constraints: Heritage Sites



## Constraints:

- Topography
- Dedicated land for Ag programs, animals
- Fault lines
- Utility easements
- CP service area
- Heritage Sites