

A photograph of a campus scene featuring large green trees and a modern building with a distinctive triangular roofline. A semi-transparent green banner is overlaid on the image.

California State Polytechnic University, Pomona

Master Plan Update

Updates to MP Advisory Committee + Transportation Committee

A photograph of a group of students walking along a paved path on a campus. The path is lined with green trees and bushes. A semi-transparent green banner is overlaid on the image.

12 September 2018

AGENDA

12 September 2018

12-1 pm

1) Update on Community Partner meetings

- Community Partners
- Foothills Transit meeting
- City of Pomona meeting

2) Concept Plan: Alternatives, Area/Facility Studies

- Concept 3 synthesis reviewed w/President
- Synthesis Plan: studies, area plans, refinements
 - *campus entries, identity + circulation*
 - *transit / transportation connectivity*
 - *academic precincts, facilities + resources*
 - *student housing – phase 2, future FYE/freshmen housing*
 - *Childcare Center, Student Health + Wellness Center*

3) Next Steps

- *Community Listening Session – late Oct or early Nov?*
- *Semester Utilization Analysis – Nov-Dec*

Status Update since April 12

Community Partners Meeting - 5 June 2018 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
- in progress*
- ☐ Schedule Community Listening Session on campus
 - *Cities: Pomona, Walnut, Industry, Diamond Bar*
 - *LA County, Cal Trans, CHP, MetroLink, Foothills Transit*
 - *San Gabriel Economic Partnership, Fairplex*
 - *Mt Sac College*

Status Update

Community Partners Follow-up

Meeting with Foothills Transit:

- Perception is that ridership declined when the bus stop/hub moved out of the center to campus
- Survey of where riders are coming from/going to would help support a 'Silver Streak' stop
- Pilot program for 1 year 'Class Pass' for students and faculty?
 - *1st year is free, after that college pays ½ of fare (based on est usage)*
 - *'roll out' with a new transit center/hub?*
- Identified planning parameters for a transit center
 - *needs to be close to existing routes, may need a 2nd location if Silver Streak stop is added*
 - *3-5 bus capacity, may need a lay-over spot close by*
 - *layout/design is flexible; FTA will share the Mt SAC plans for reference*

Status Update

Community Partners Follow-up

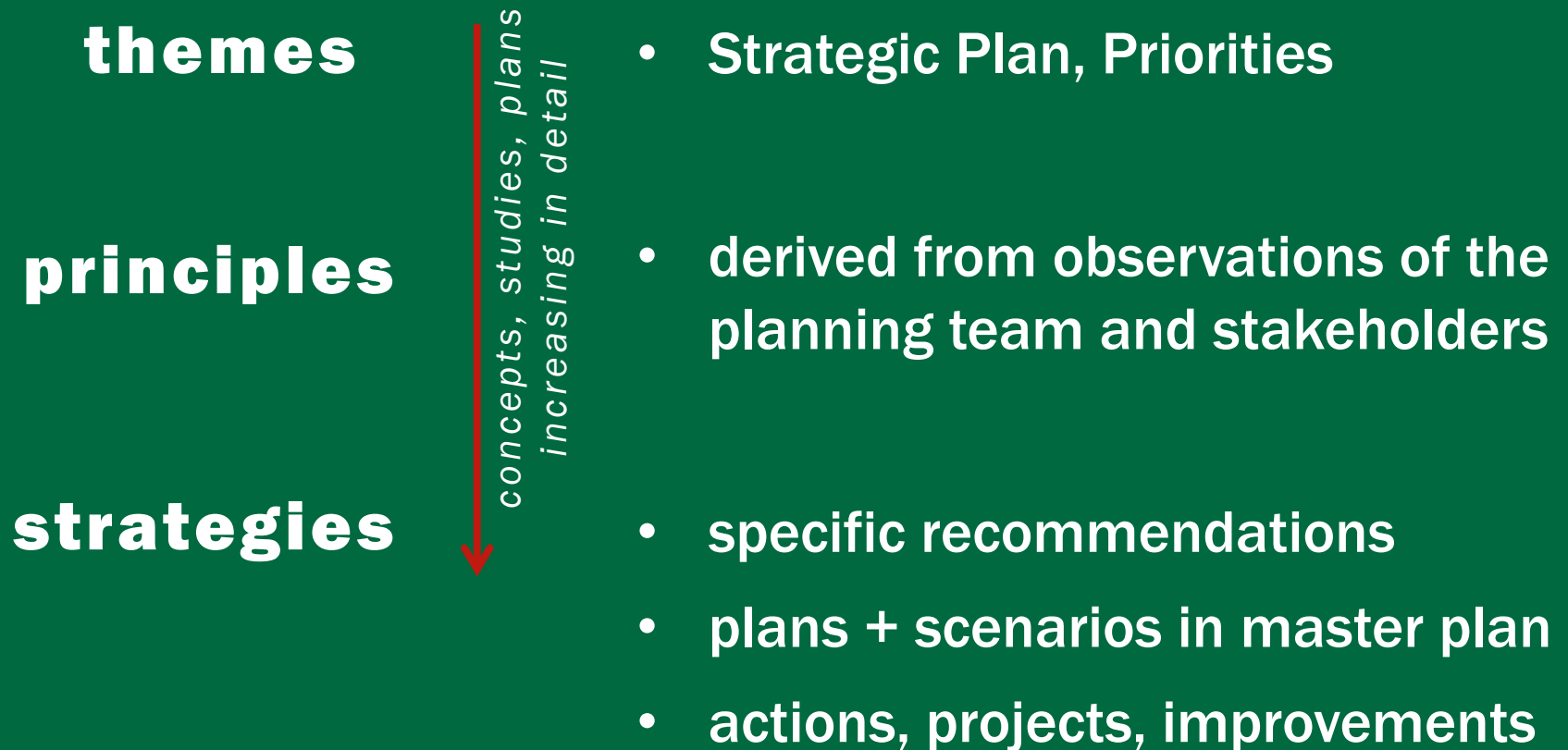
Meeting with City of Pomona:

- expressed interest in development potential around South Campus (*on Temple, at Innovation Village, and Lantermann*)
- discussed separating the CEQA processes
- partner w/campus on regional planning issues? clean-up of Cal Trans yard?
- schedule a 'study + listening session' with City Council (*closed work session*)

Cal Poly Pomona

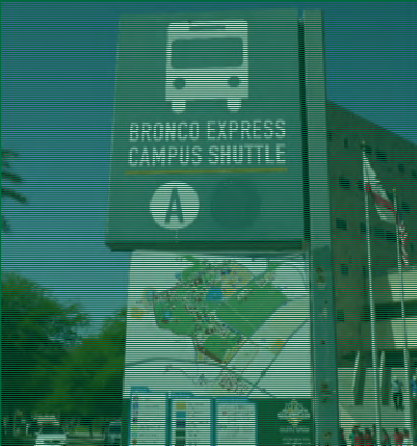
CAMPUS MASTER PLAN

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

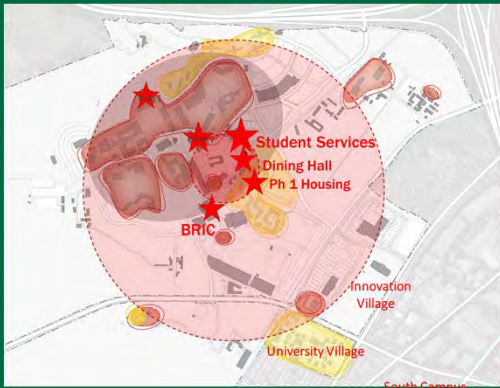
Campus has to be safe, accessible and convenient (*by multiple modes of transportation*), and walkable - bikeable for all students (*commuting or living on or near campus*) as well as for faculty, staff and visitors.

5

Sustainable in All Aspects

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

Planning Principles



1

Start with Campus Places not Buildings

Focus on the space between the buildings, making places for active uses for learning and engagement

2

Make the Polytechnic Activity Visible

Line campus malls, walks, quads with visible, active ground fl space

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

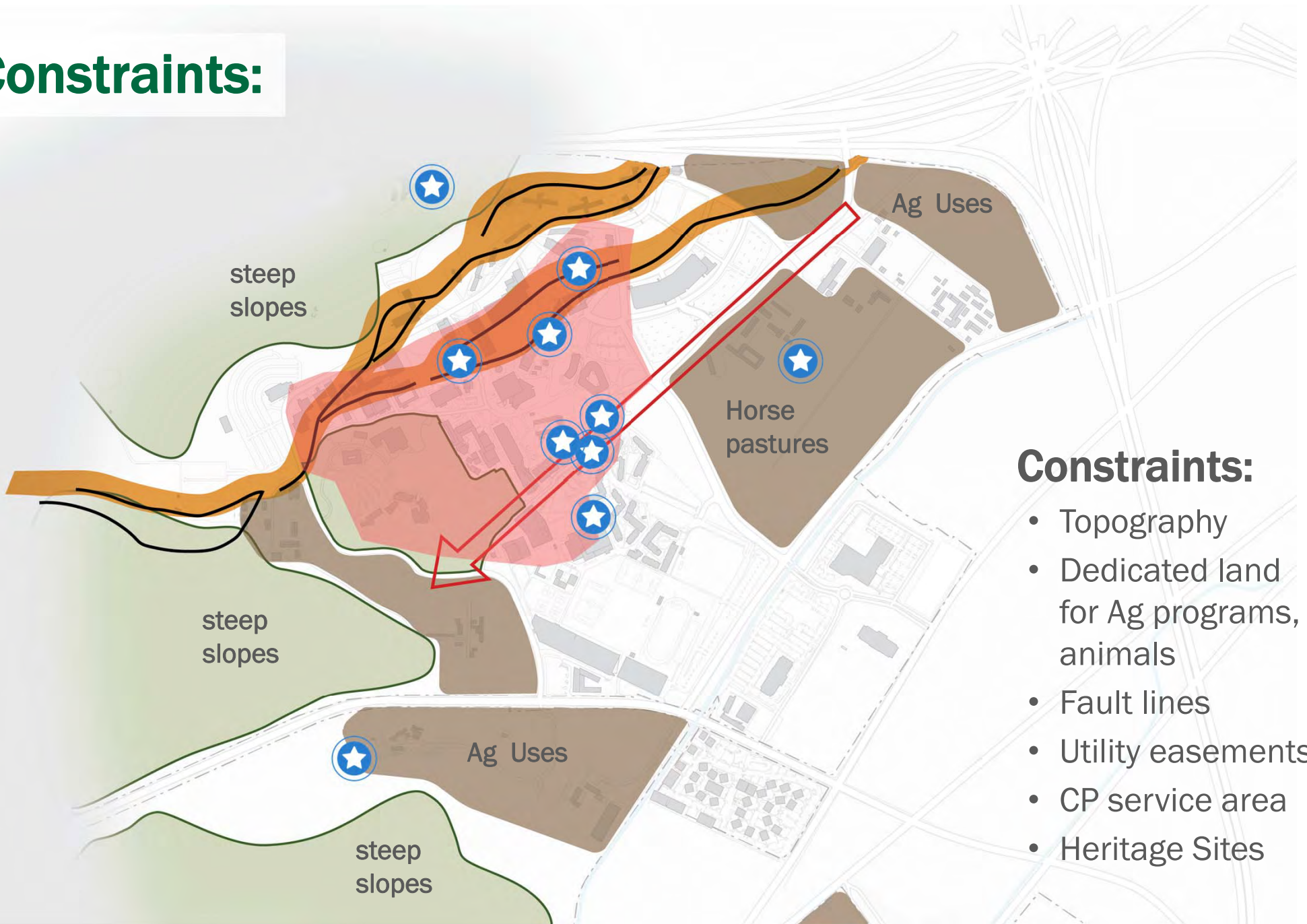
Expand the Plan

Include all Campus Assets (*South Campus, Innovation Village, etc.*)

Planning:

Constraints, Needs, Drivers

Constraints:



Constraints:

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

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

Address:

- I-10 exit reconfiguration to reduce through traffic
- Improve on-campus transit (*get the bus out of traffic*)
- Provide better regional transit connections
- Expand the pedestrian zone with improved pedestrian malls/walks
- Enhance pedestrian safety
- Enhance bike connectivity

Mobility Areas of Study



Facility/Site Areas for Study



- Relocate:
 - *Child Care Center*
 - *Student Health Services*
- Improve/replace Bldg 98 CLA classroom facilities
- Site for new academic shared classroom facility
- Bring remote academic uses back into the core
- Remove Temporary/Modular/Portables
- Improve + Expand:
 - *BSC*
 - *Bookstore*
 - *U Center*
- Athletics and Recreation growth
- Plan for demo of old dorms + dining buildings

Concepts

01: Keep getting better (*mild*)

Extend the North-South Ped-Bikeway

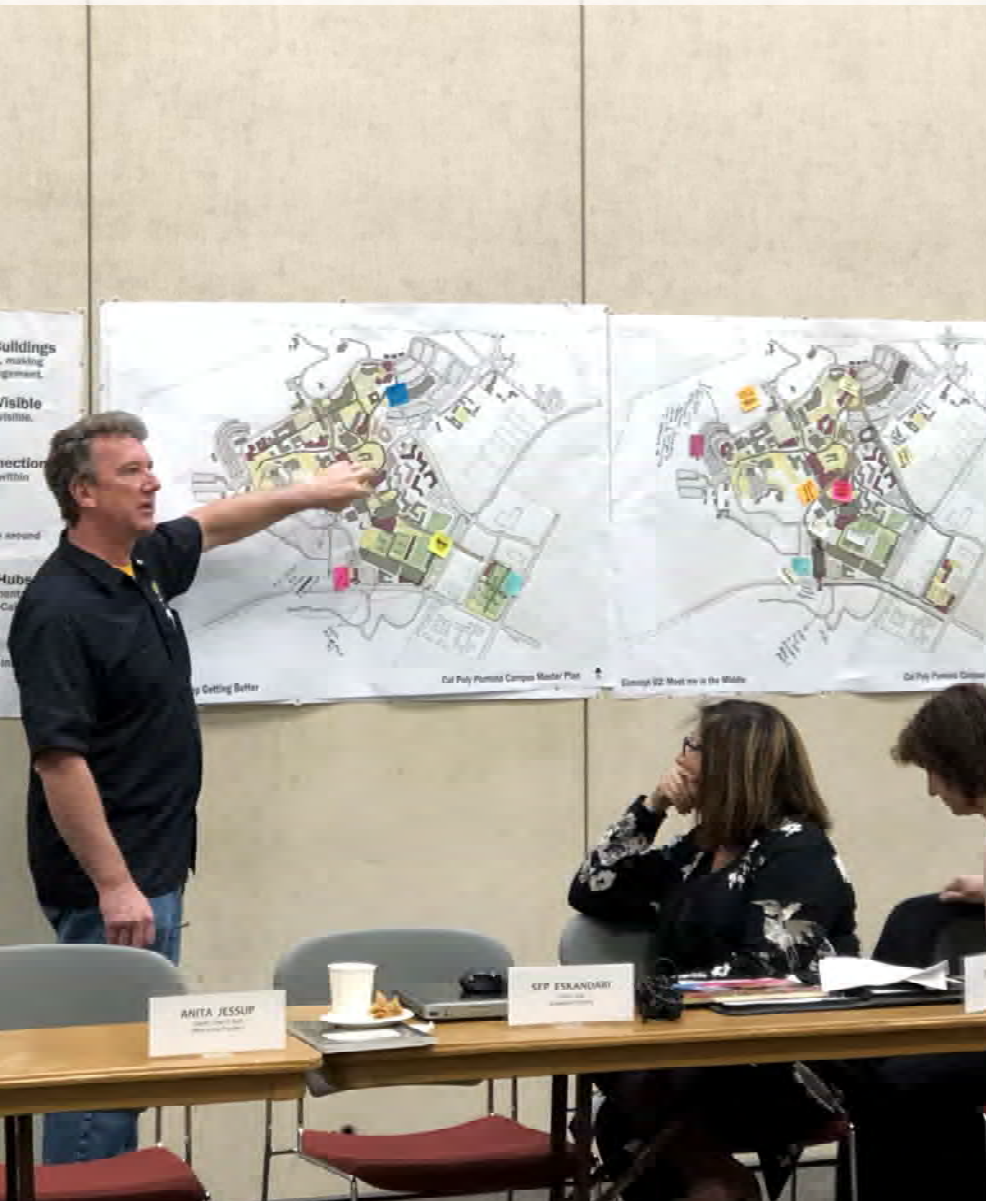
02: Meet me in the middle (*medium!*)

New East-West Multi-modal Mall

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

North-South Ped-Bikeway + Improved Loop

Concept 01: Keep Getting Better



Pros:

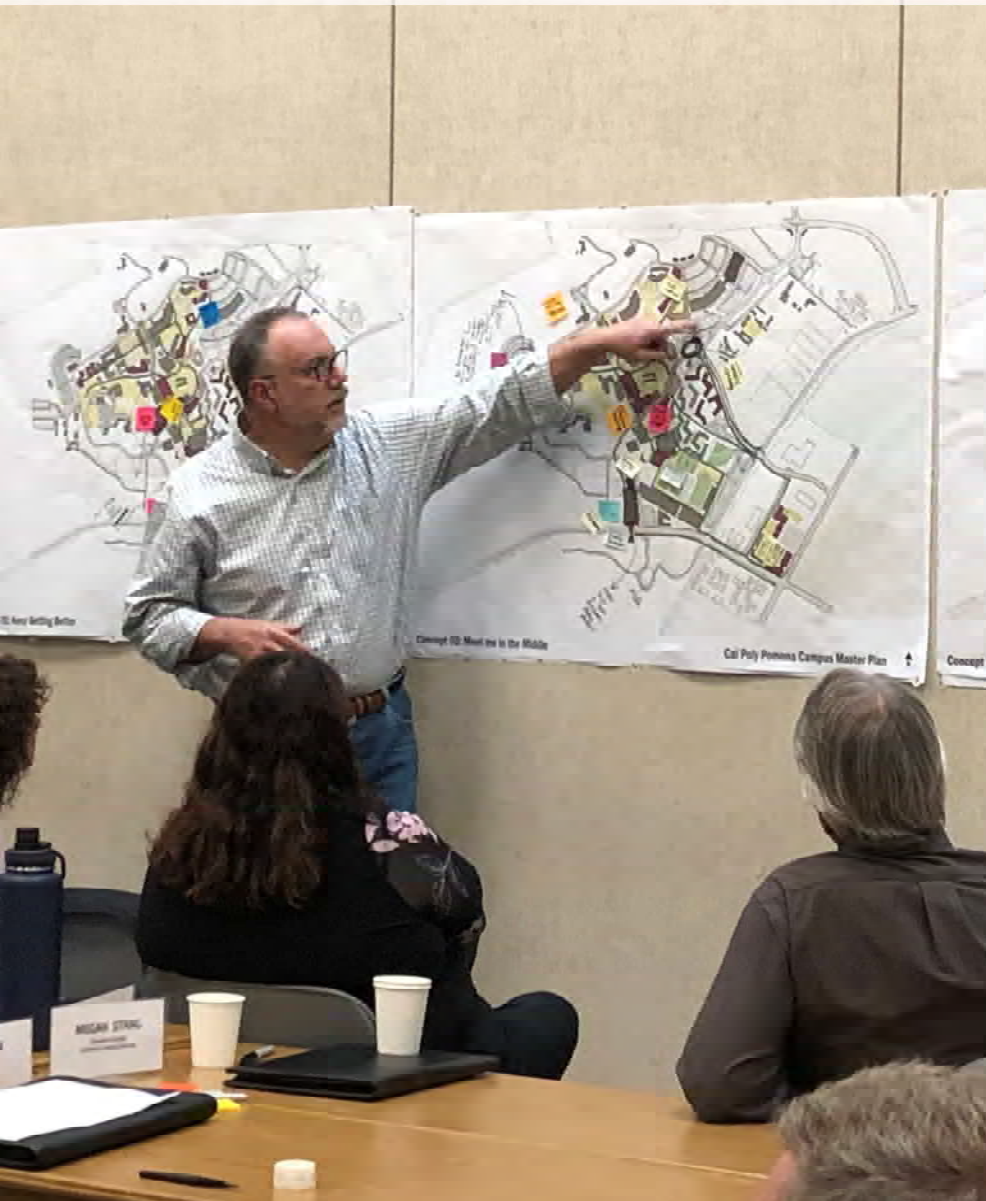
- N-S pedestrian + bike mall
- One-way campus shuttle bus loop
- Transit Connection at Temple/South Campus corner
- Campus Health +Well-being Center on the central mall
- Parking Structure + Conference Center
 - connection to Bronco Student Center, Kellogg West
 - +800 spaces close to event venues (*Theater,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

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



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 combining w/transit center and parking structure*

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



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.

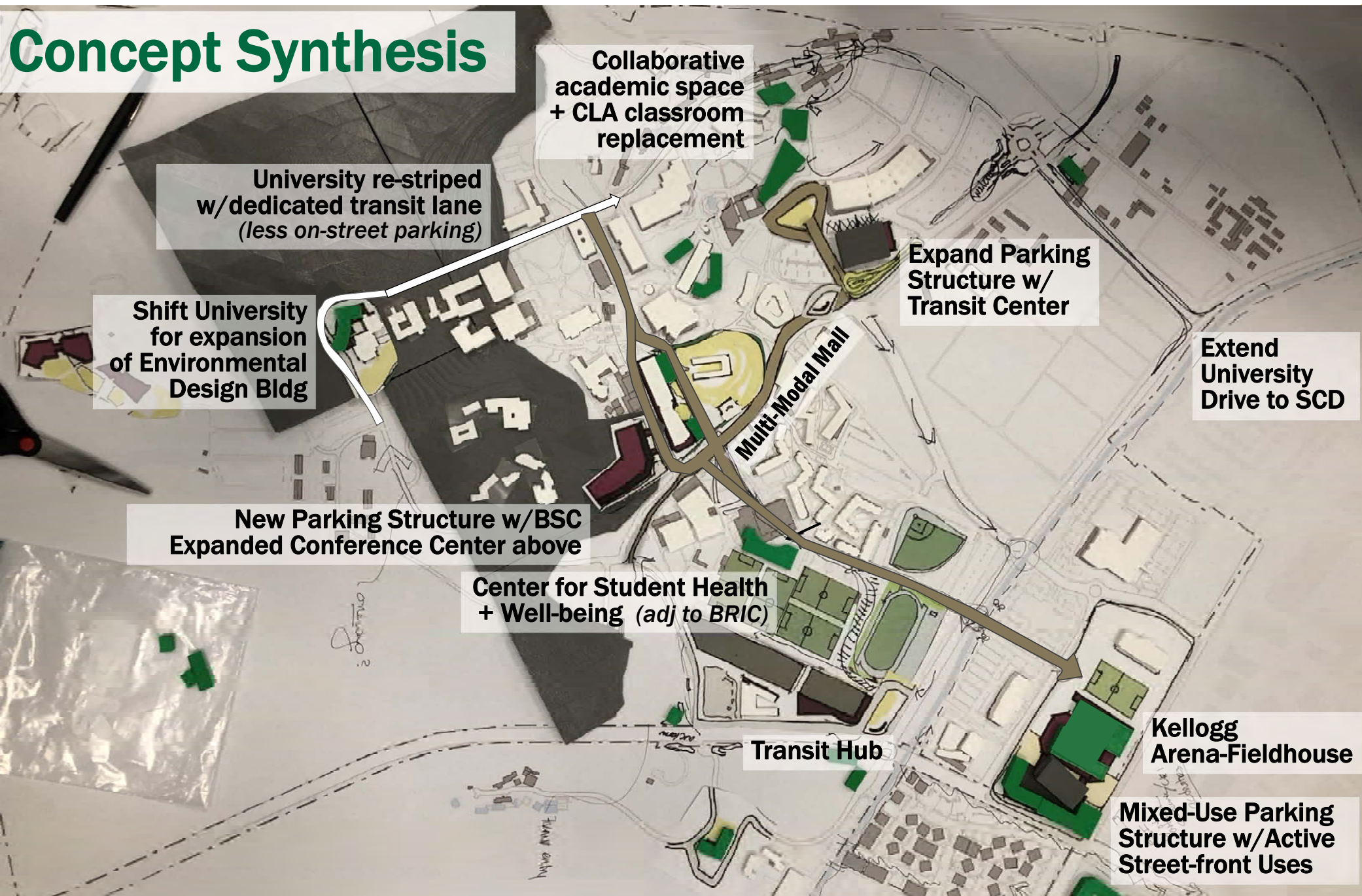
Concepts

Synthesis

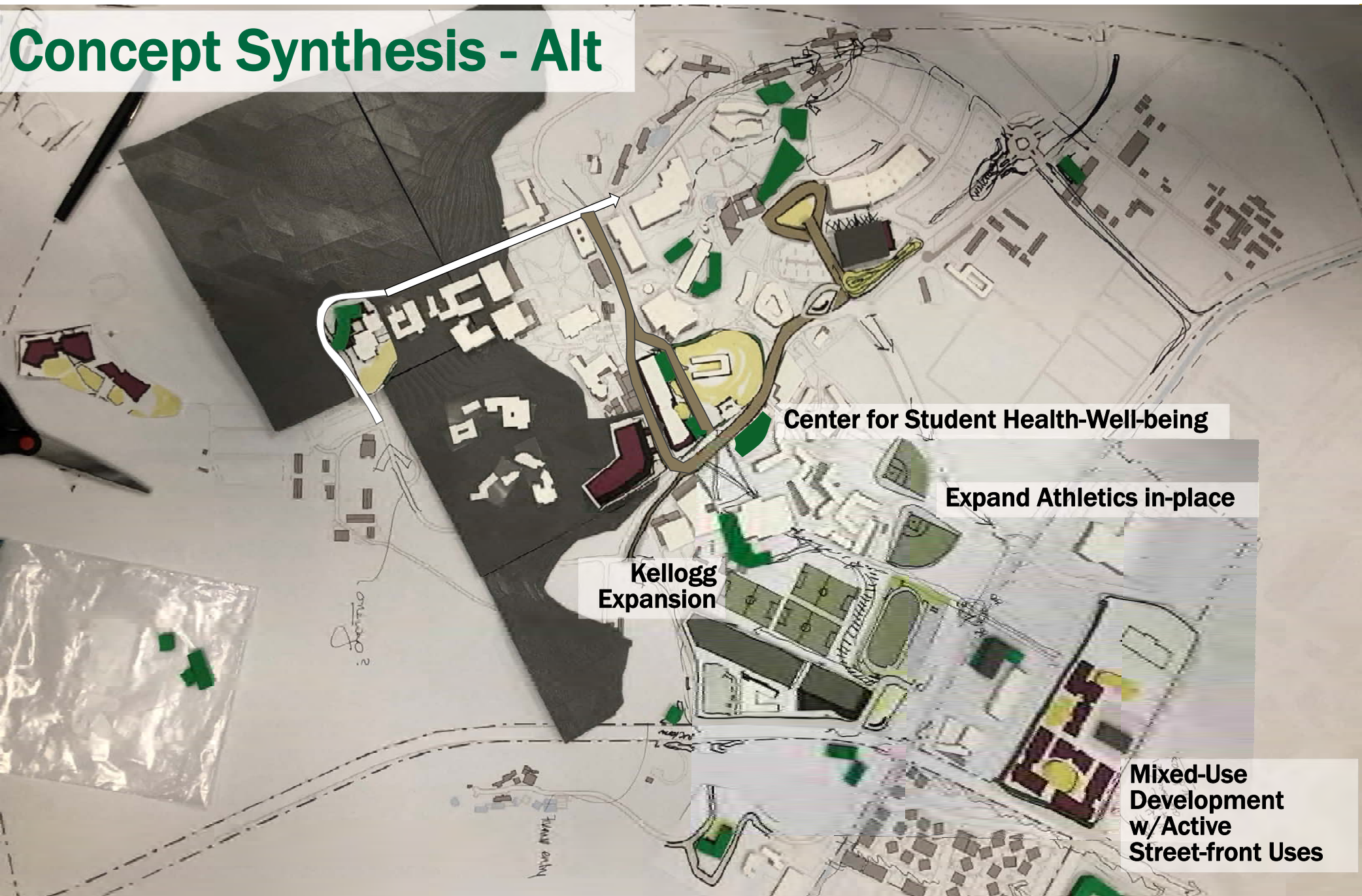
Combined Concept Plan: 'Make a Big Leap' + *preferred elements from other options*



Concept Synthesis



Concept Synthesis - Alt



Center for Student Health-Well-being

Expand Athletics in-place

**Kellogg
Expansion**

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

Concepts

Synthesis + Study-Analysis

Campus-wide systems

Concepts

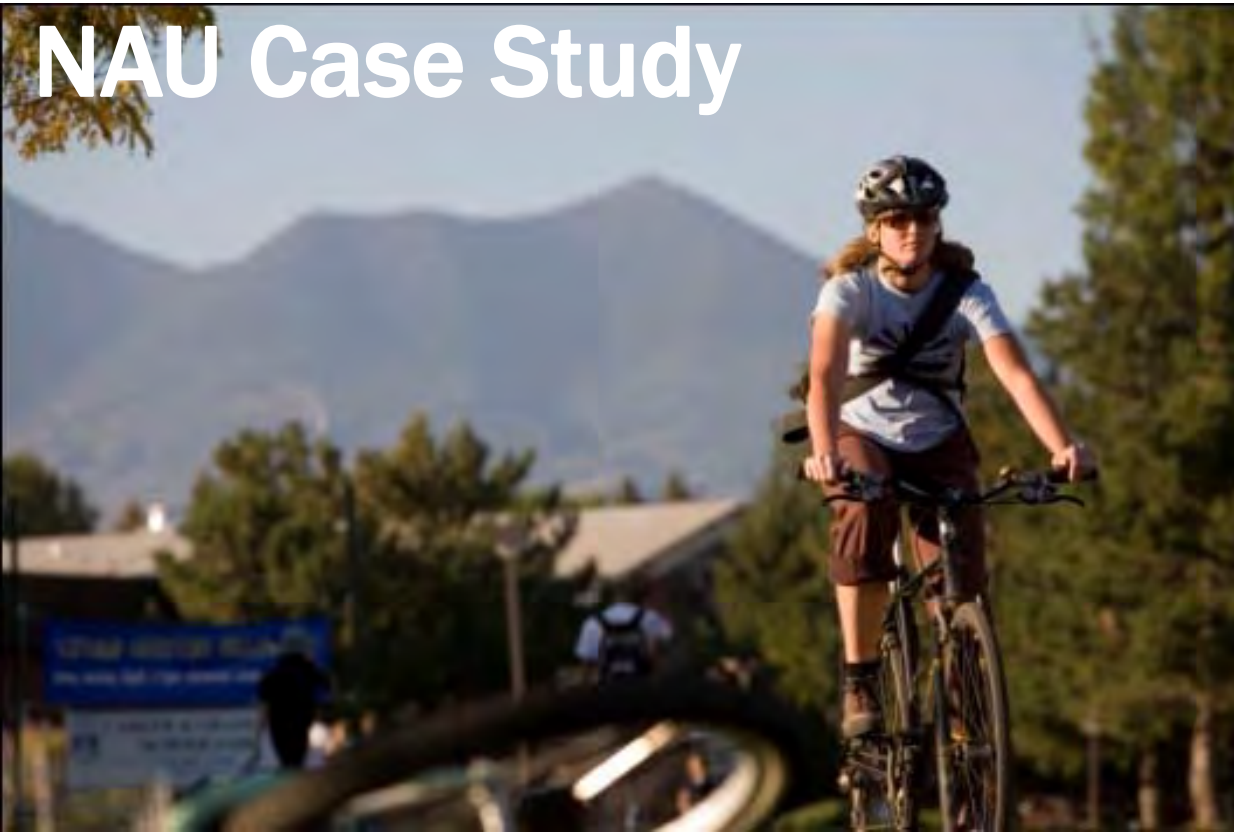
Synthesis + Study-Analysis

- **Pedestrian/bike way** – *improve + extend north/south, to University, across South Campus Dr*

Ped/Bike-Way

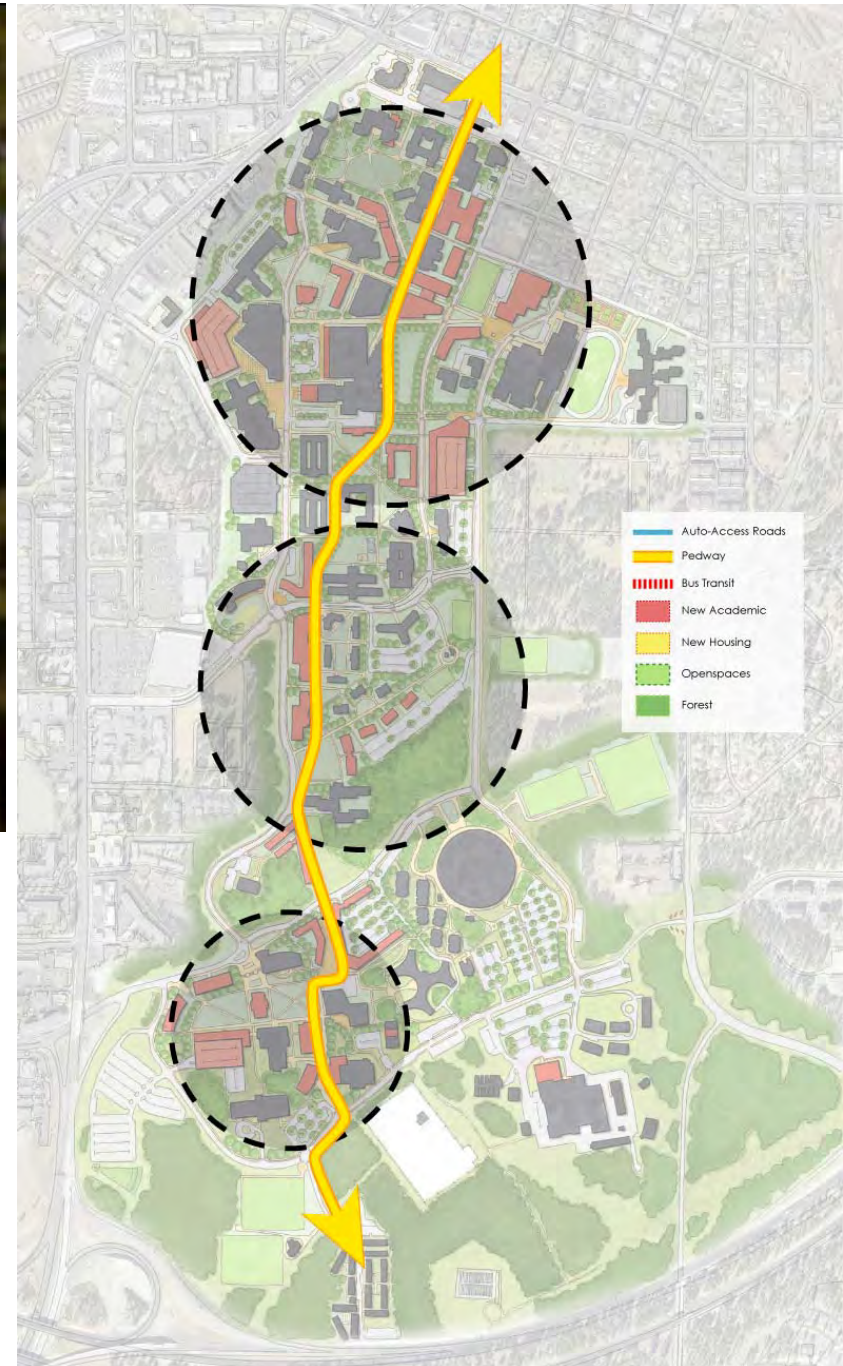


NAU Case Study



Organizing Concepts

- Connect 3 campuses to be one campus
- Reinforce north-south ped-way (pedestrians, bikes)



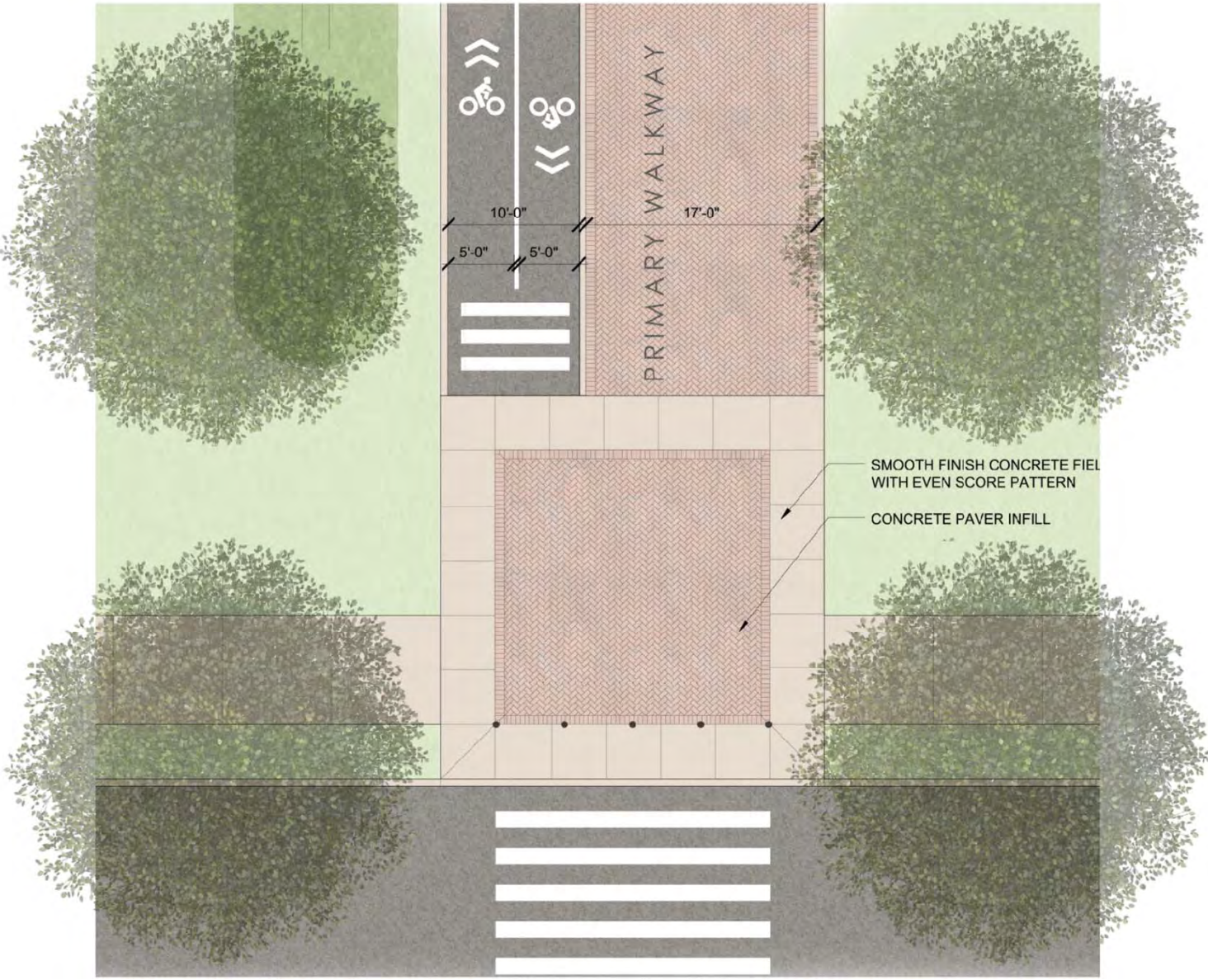
Ped/Bike-Way



Design Standards



Design Standards



Northern Arizona University

A black and white photograph of a campus walkway. On the left is a modern building with a large, curved concrete overhang. A tall, dark evergreen tree stands in front of it. A wide, light-colored paved path leads from the foreground into the distance. To the right of the path is a landscaped area with gravel, several large, flat rocks, and a few smaller trees. On the far right is a long, multi-story brick building with many windows. A metal railing runs along the side of this building. In the background, more campus buildings and trees are visible under a clear sky.

*Cross Campus Connections
(BEFORE)*



(AFTER)

Campus-wide systems

Concepts

Synthesis + Study-Analysis

- **Pedestrian/bike way** - *extend north to University + across South Campus Dr*
- **Campus Transit** – *dedicated lane for shuttle bus loop on University, transit ‘hub’*

CAMPUS TRANSIT

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

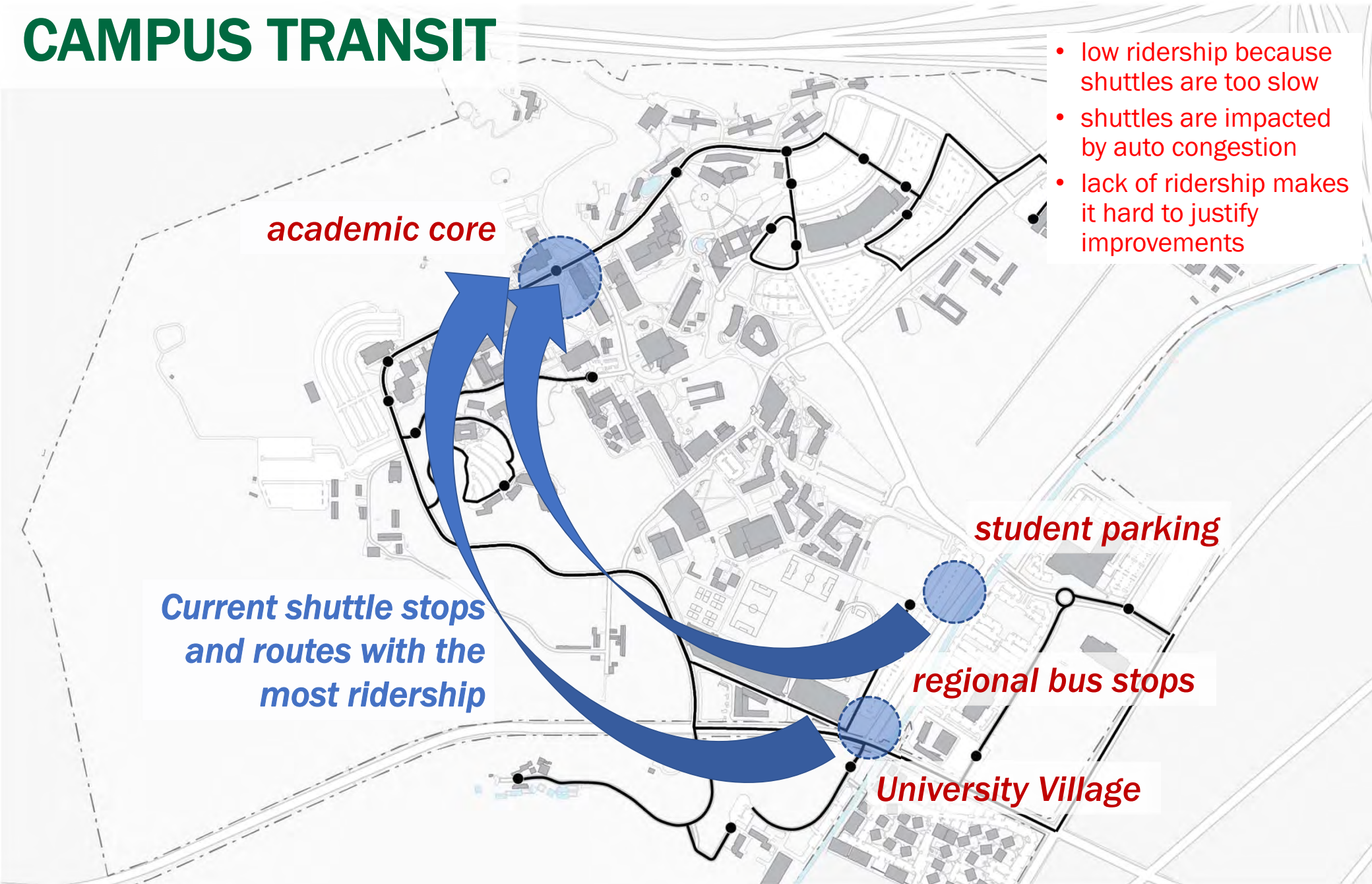
academic core

*Current shuttle stops
and routes with the
most ridership*

student parking

regional bus stops

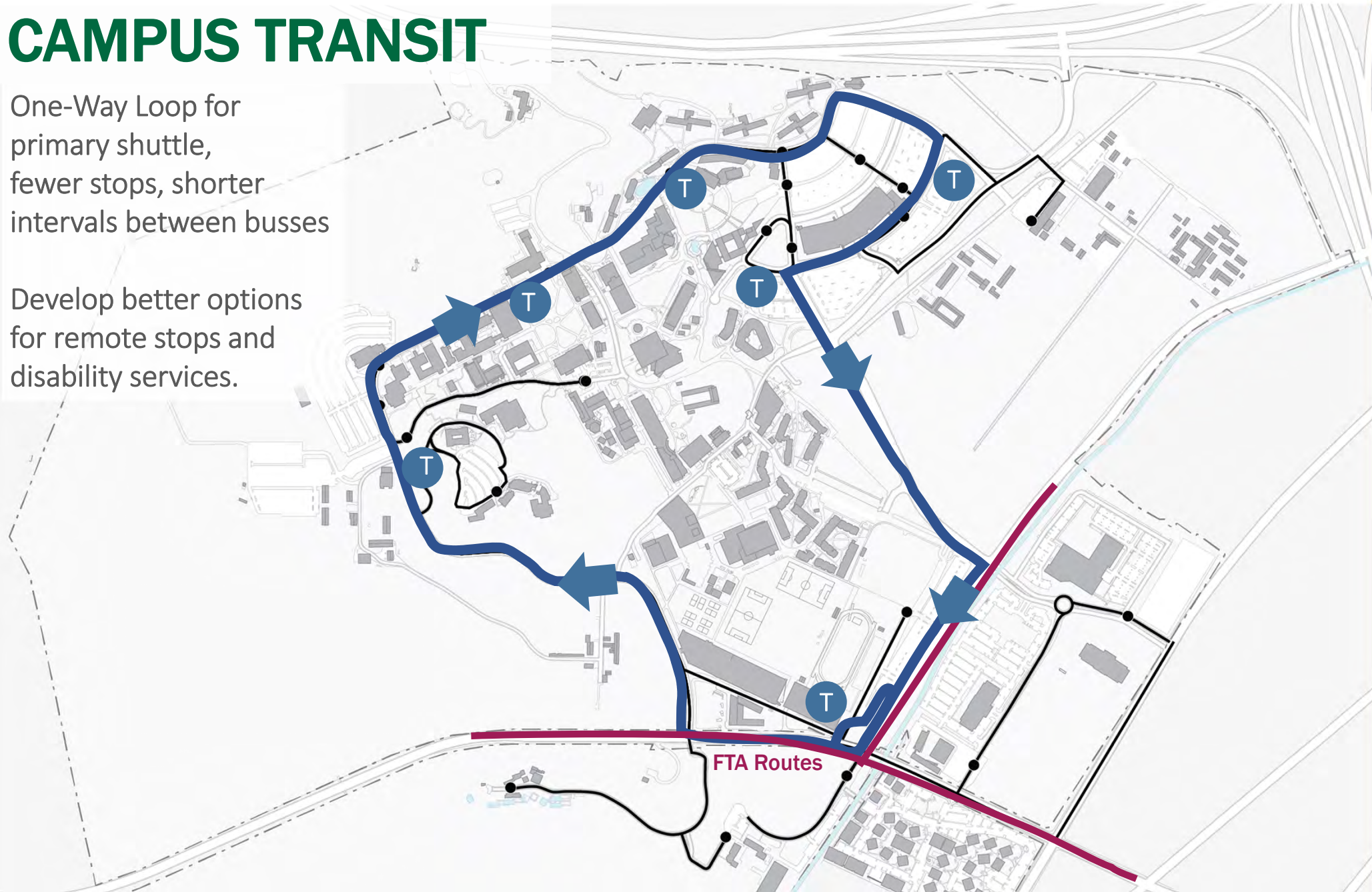
University Village



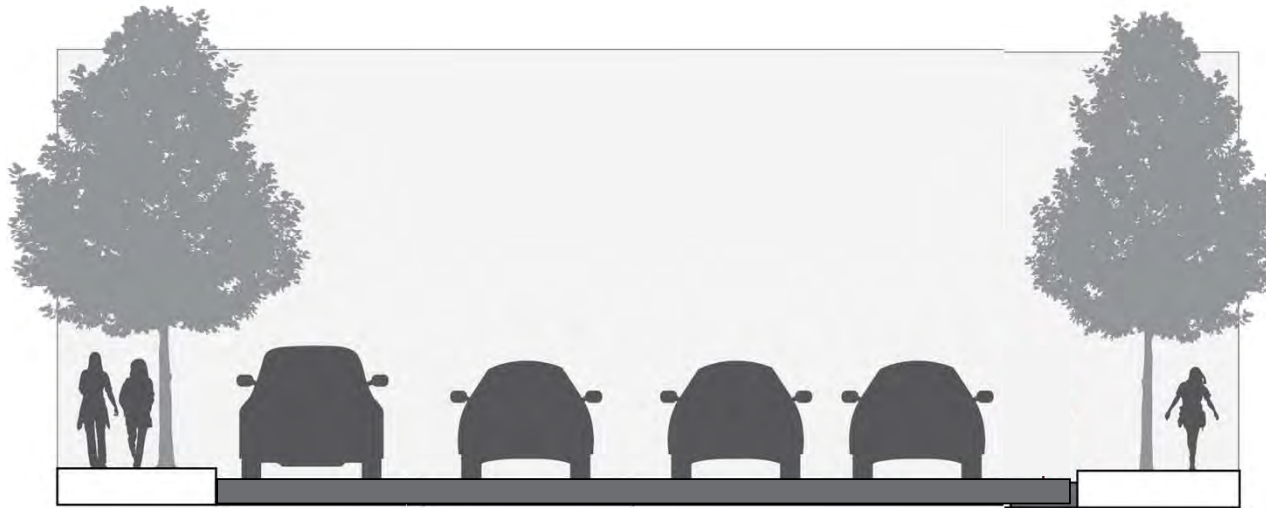
CAMPUS TRANSIT

One-Way Loop for primary shuttle, fewer stops, shorter intervals between busses

Develop better options for remote stops and disability services.



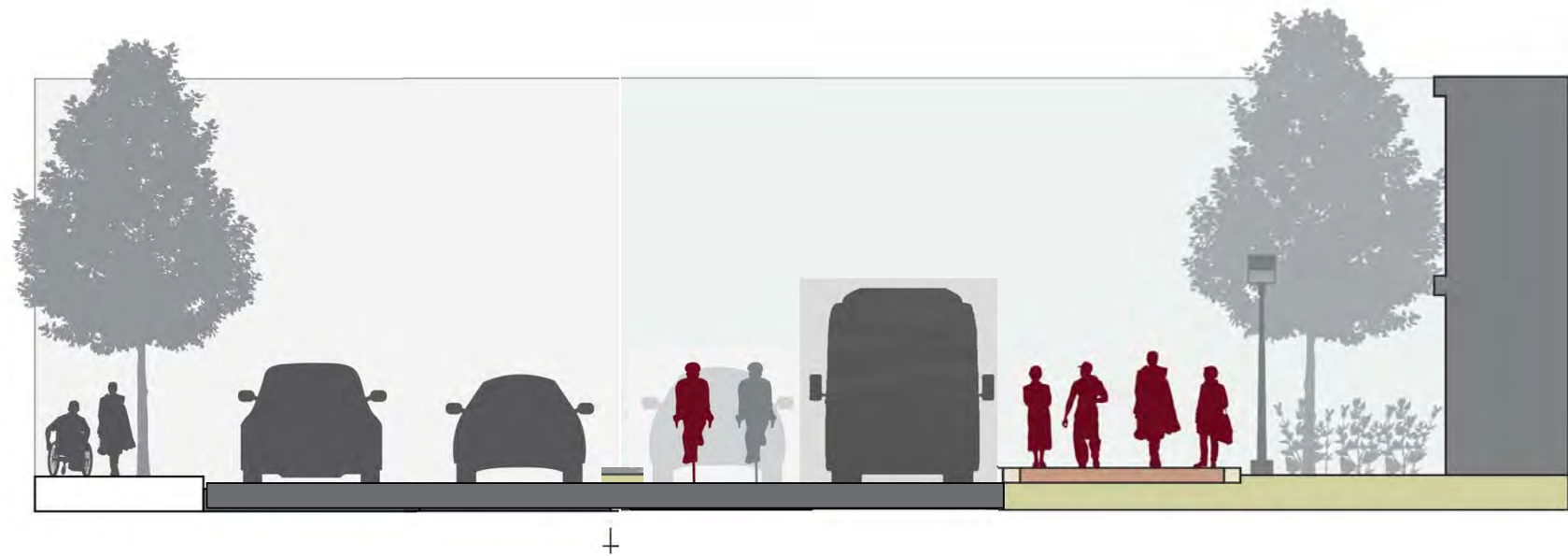
CAMPUS TRANSIT – UNIVERSITY DR



Existing: limited sidewalks parking vehicle travel- 2 way parking sidewalks (width varies)

Street Sections

CAMPUS TRANSIT – UNIVERSITY DR



Consider:

travel lanes
*(eliminate on-street parking
except pull-outs for ADA/Med)*

1 way transit
+ bikes

widen sidewalks
on south side

Street Sections

NAU Transit Spine: 2008 Transportation Plan Section



Transit Mall (*before*)



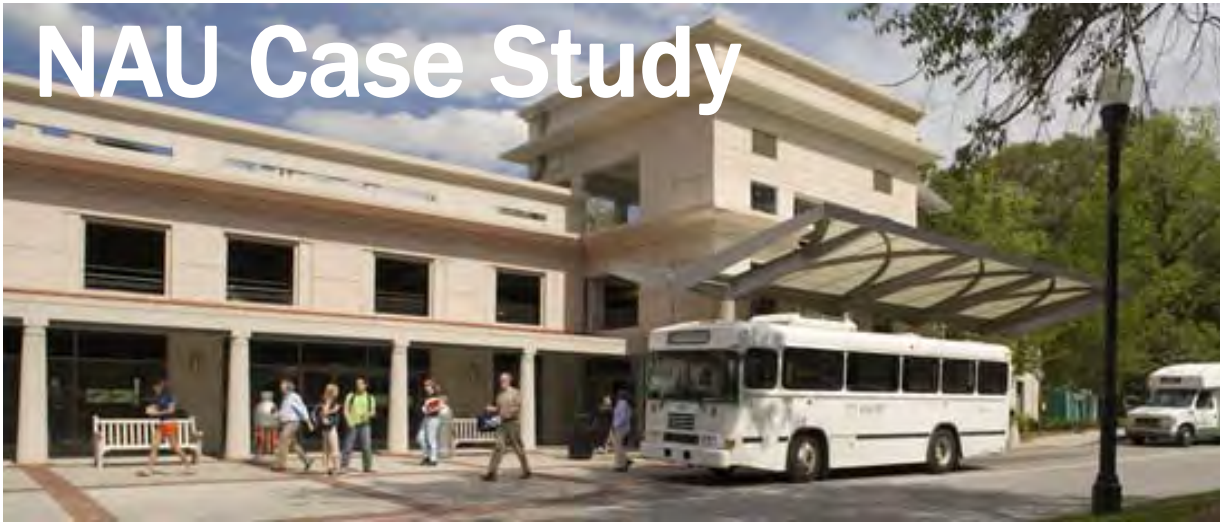
Transit Mall (*rendering*)



Transit Mall *(after)*

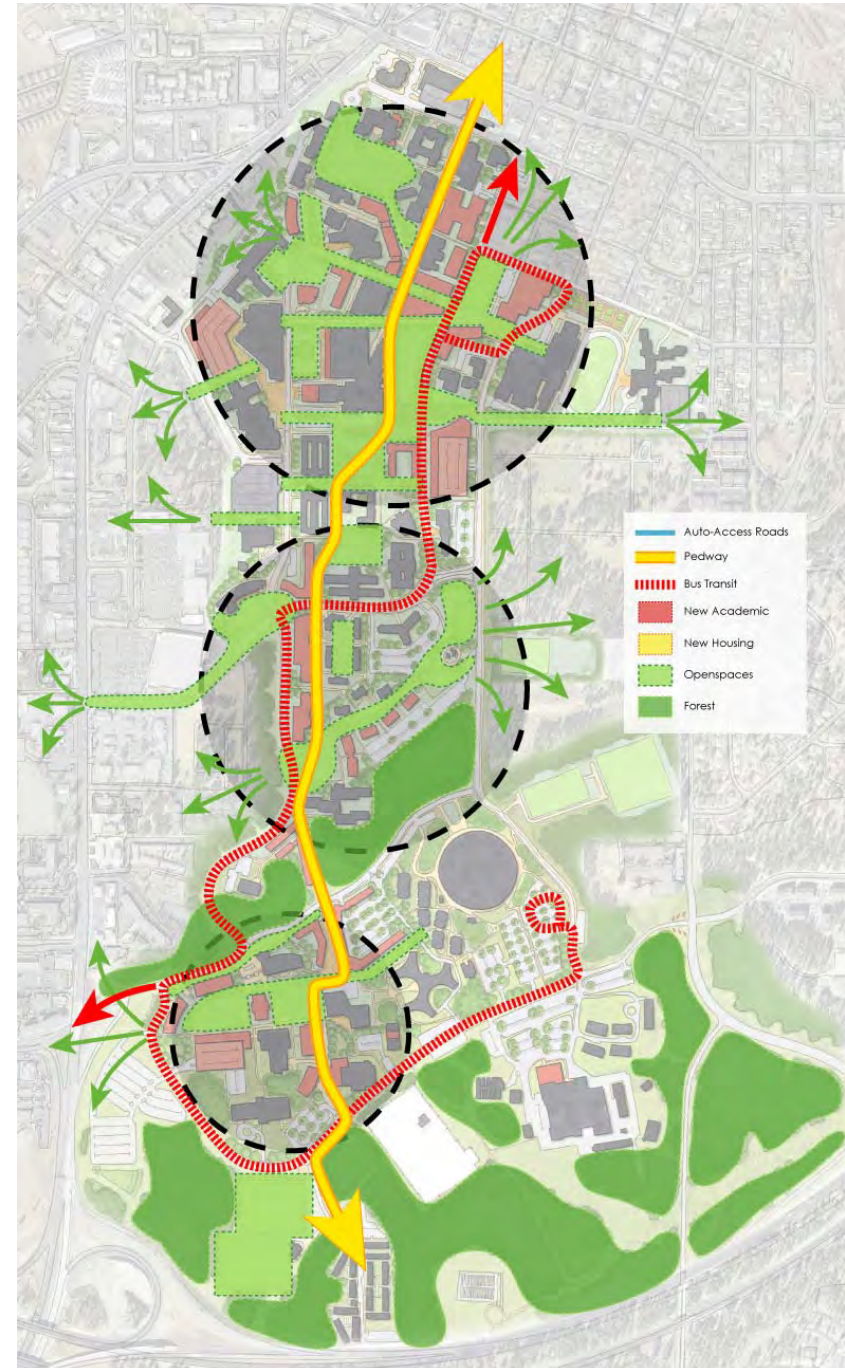


NAU Case Study



Organizing Concepts

- Connect 3 campuses to be one campus
- Reinforce north-south ped-way (pedestrians, bikes)
- Create memorable open spaces along the spine
- Interweave a transit spine with the ped/bike spine



Campus-wide systems

Concepts

Synthesis + Study-Analysis

- **Pedestrian/bike way** - *extend north to University + across South Campus Dr*
- **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*
- **Parking Structures** – *@ BSC-theater?, @ expand existing PS#1, @ New Kellogg Fieldhouse?*



Transit Hubs, Centers



Transit Hubs, Centers



Transit Hubs, Centers

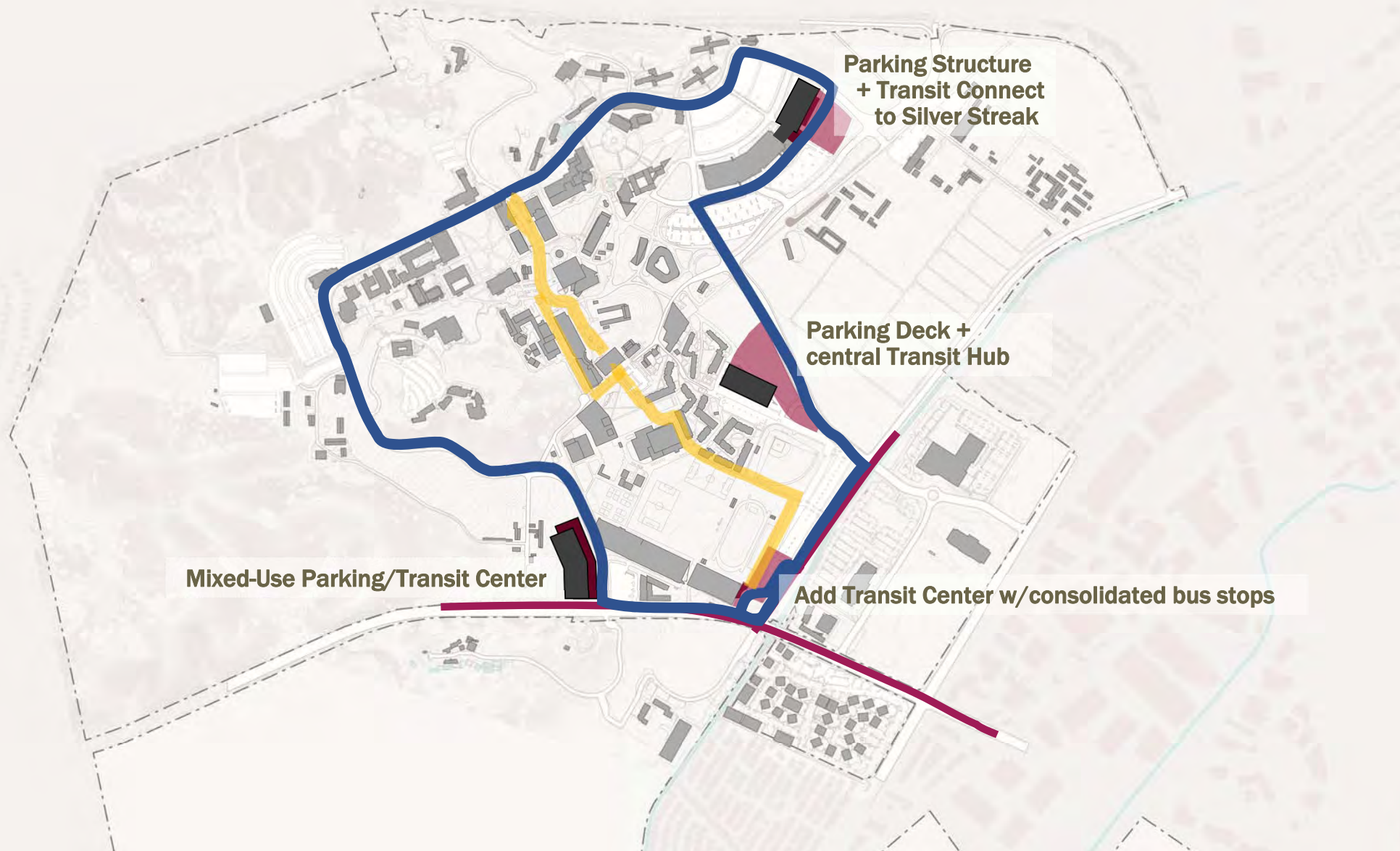
TRANSIT CENTER STUDY SITES

2012 MP site for
Parking Structure

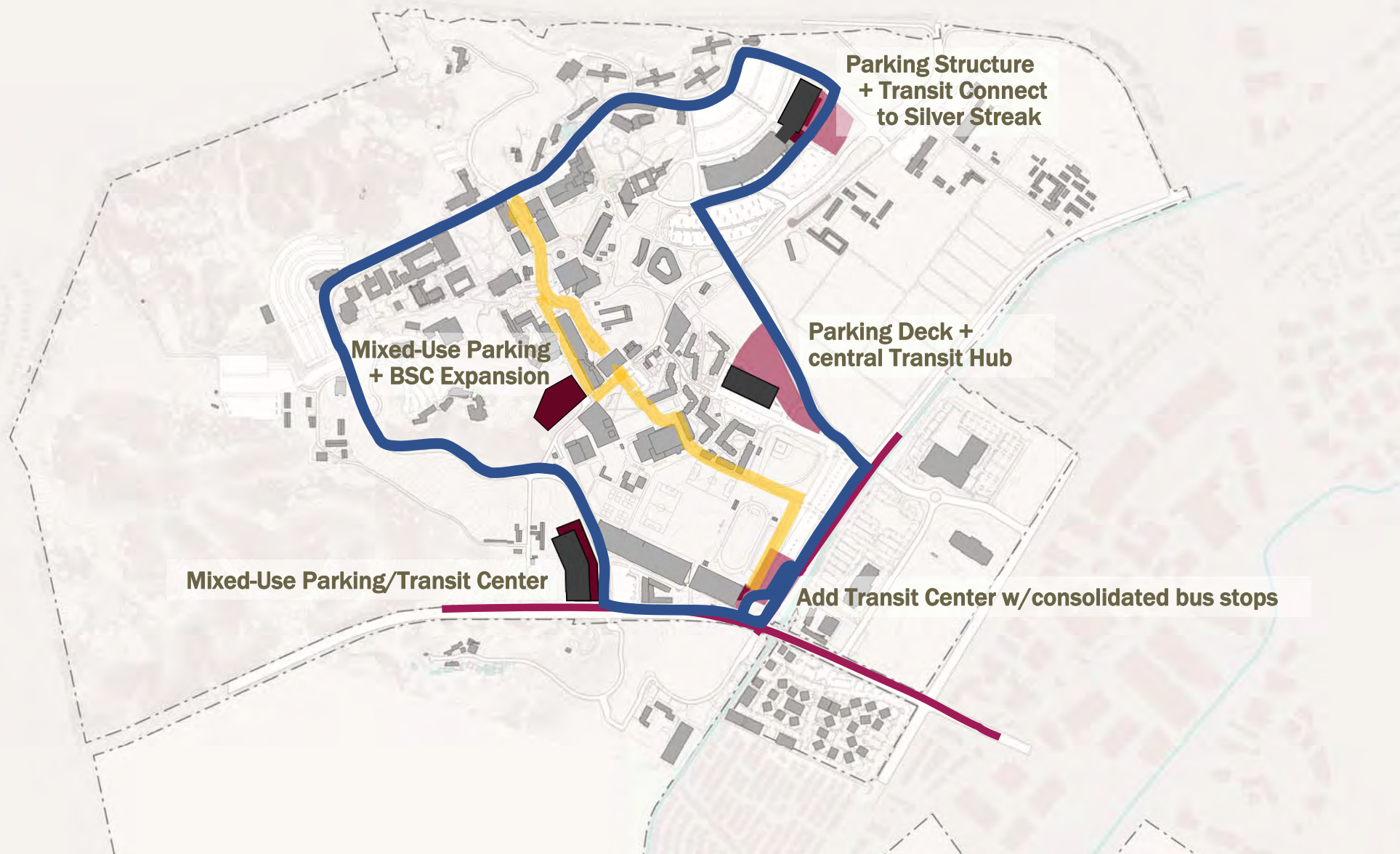
Not Recommended!



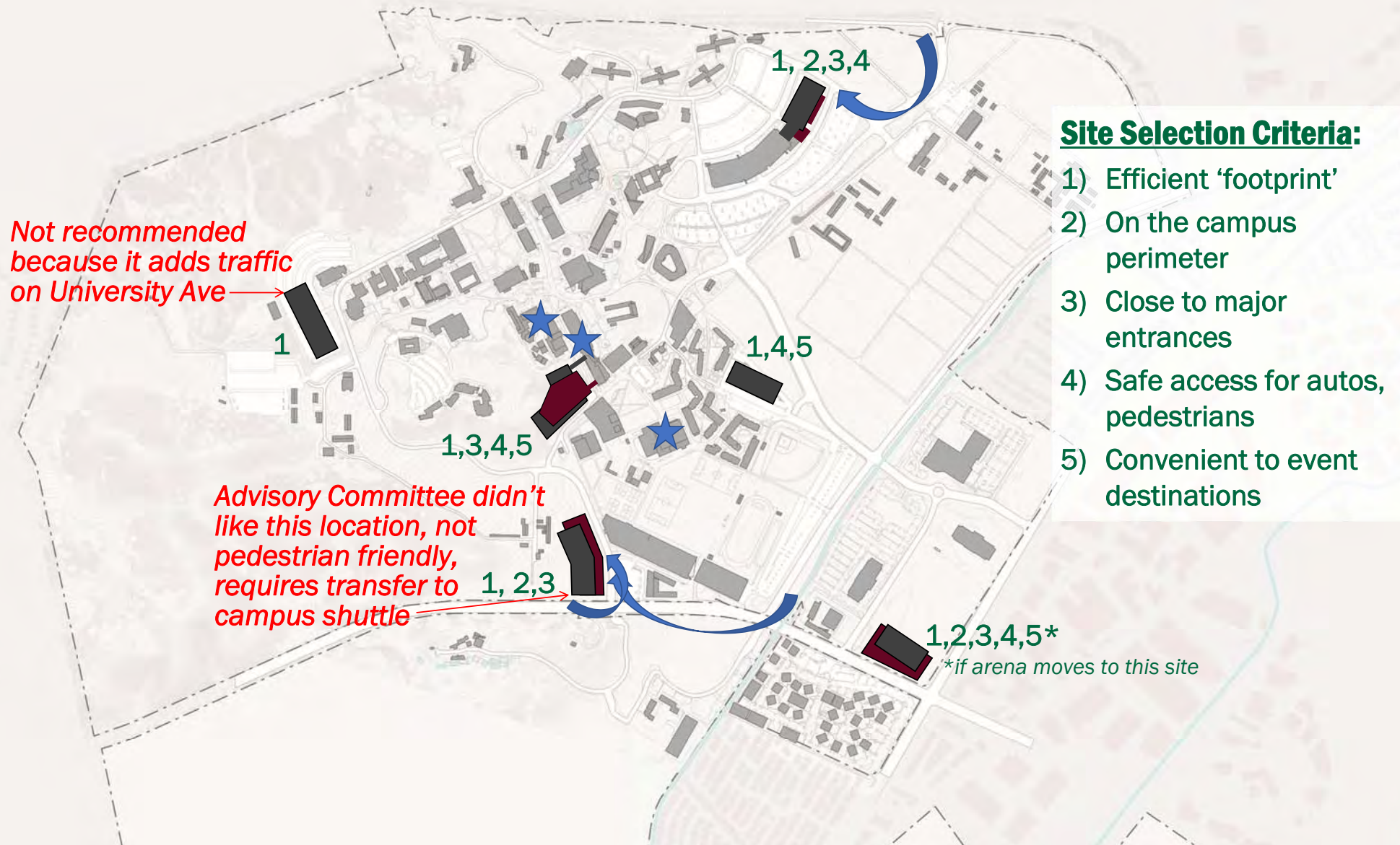
TRANSIT CENTER STUDY SITES



TRANSIT CENTER STUDY SITES



PARKING: GARAGE STUDY SITES



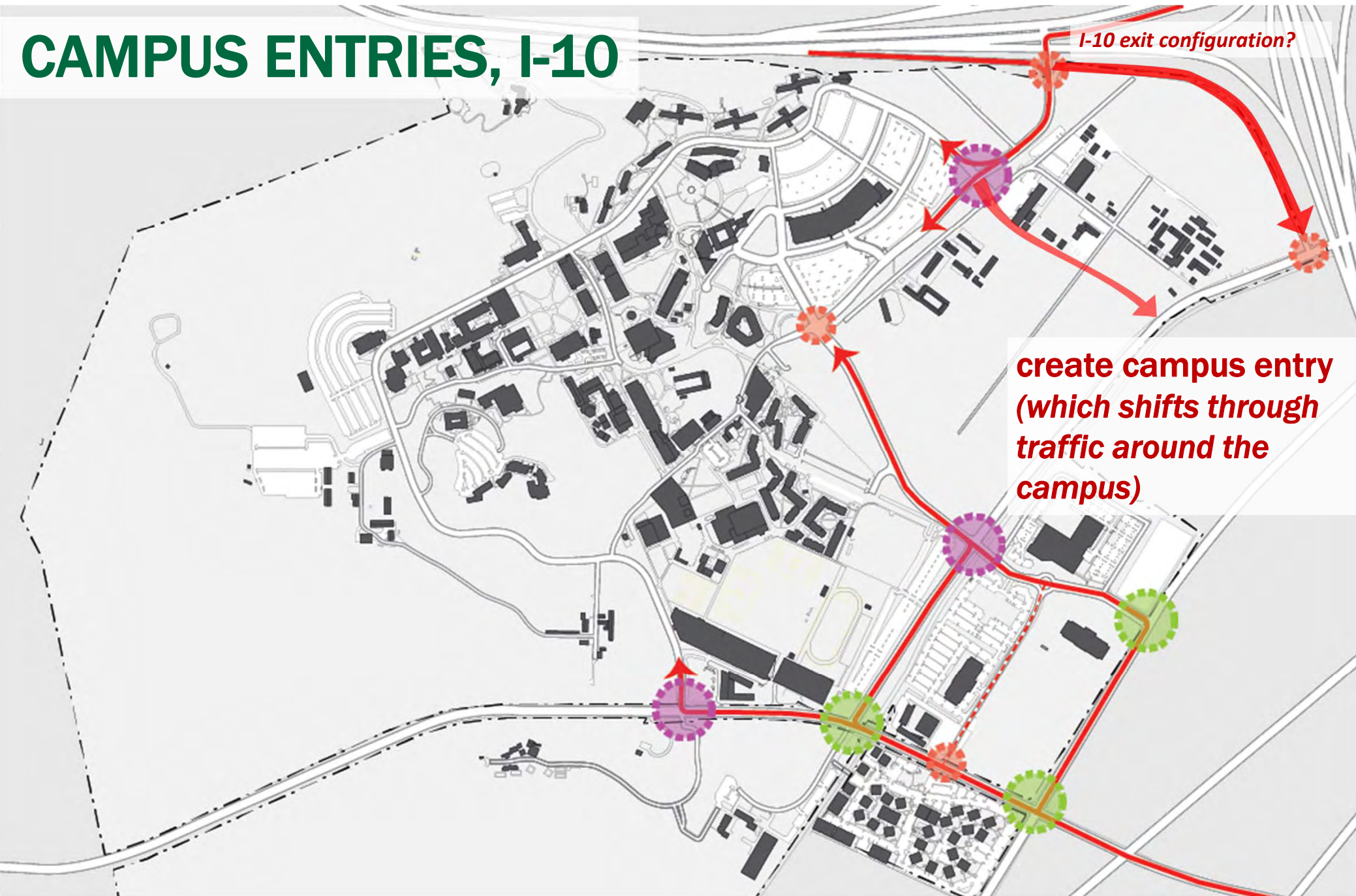
Campus-wide systems

Concepts

Synthesis + Study-Analysis

- **Pedestrian/bike way** - *extend north to University + across South Campus Dr*
- **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*
- **Parking Structures** – *@ BSC-theater?, @ expand existing PS#1, @ New Kellogg Fieldhouse?*
- **Campus Entries** - *redirect non-Cal Poly through traffic around the campus*

CAMPUS ENTRIES, I-10



Feedback-Discussion

Campus-wide systems

- **Pedestrian/bike way** - *extend north to University + across South Campus Dr*
- **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*
- **Parking Structures** – *@ BSC-theater?, @ expand existing PS#1, @ New Kellogg Fieldhouse?*
- **Campus Entries** - *including rerouting thru traffic*

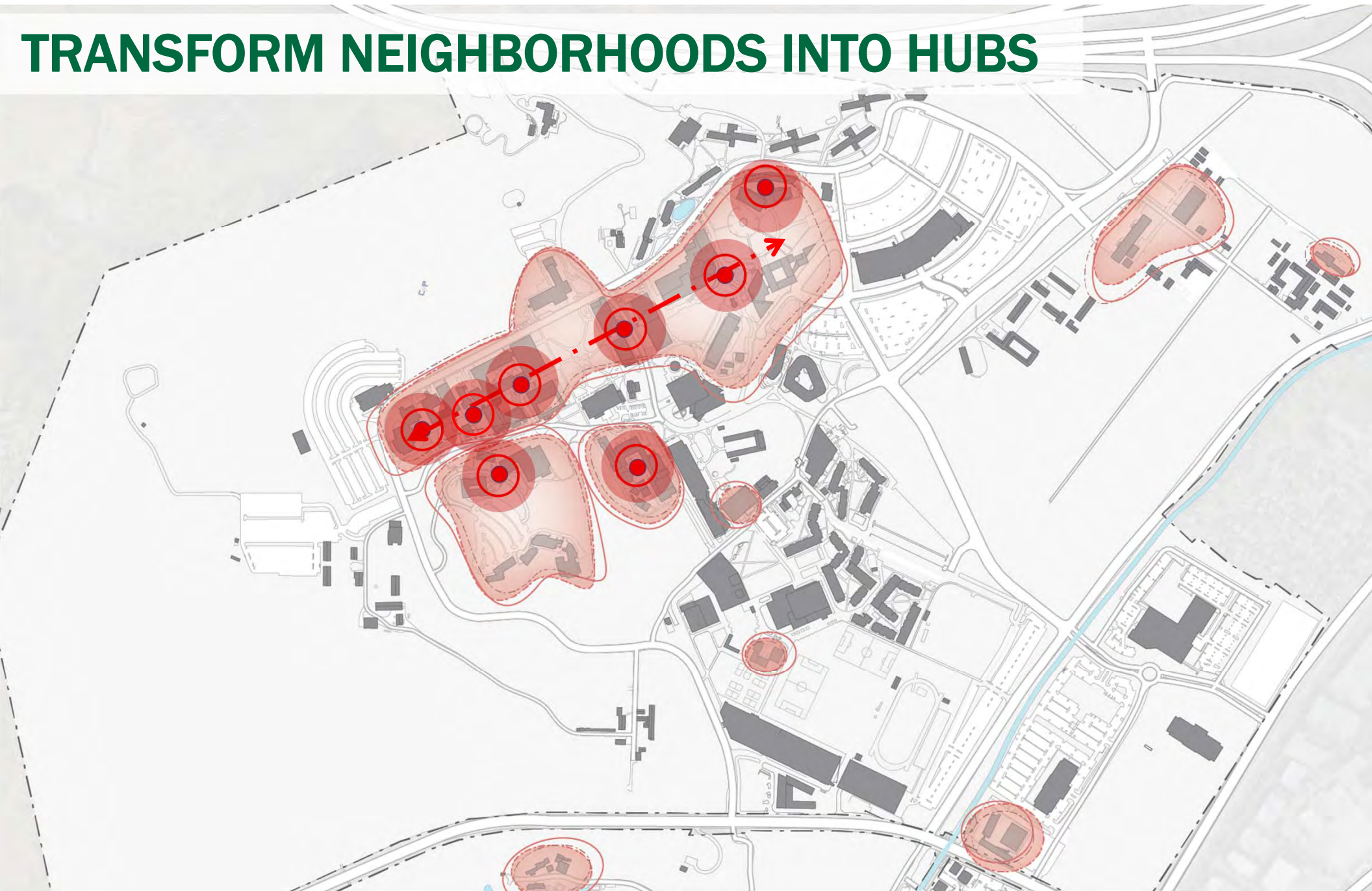
- **Studies Needed:**
 - *circulation planning to accommodate growth*
 - *parking demand management + planning for growth*
 - *sustainability - achieving CAP targets, expanding goals, activate an interim Task Force?*

Campus-wide systems

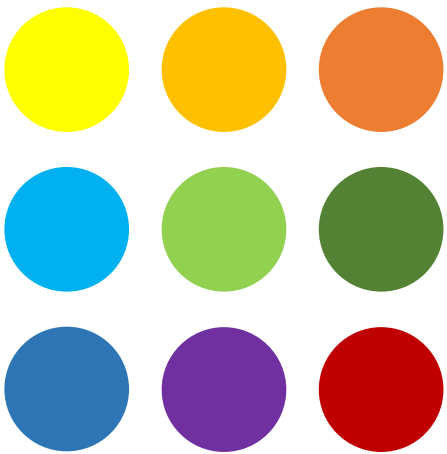
Concepts

Synthesis + Study-Analysis

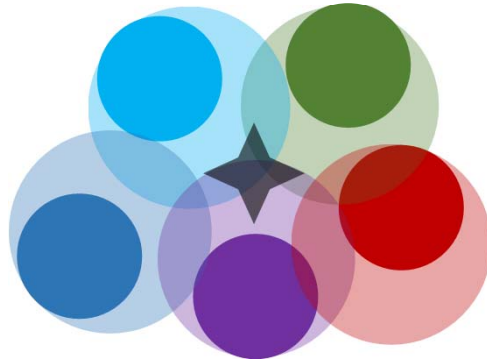
- **Academic**
 - *needed upgrades, replace temporaries?, library-learning commons*
 - *shared instruction + student success resources*
 - *accommodating future growth / change? – need semester utilization analysis*



TRANSFORM NEIGHBORHOODS INTO HUBS

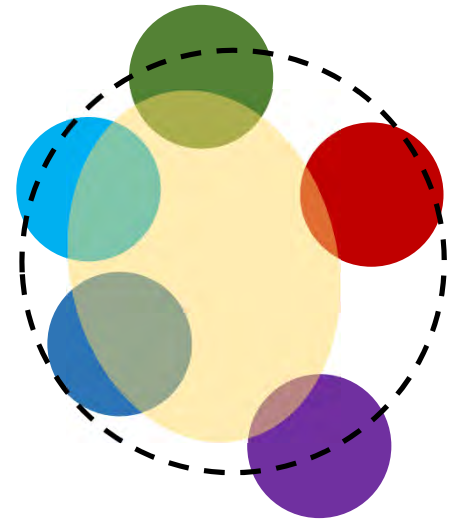


Neighborhoods



Intersections

Sponsor interdisciplinary activity
+ opportunities for collaboration



Hubs

Planning for Hubs

“Meet me in the Middle”

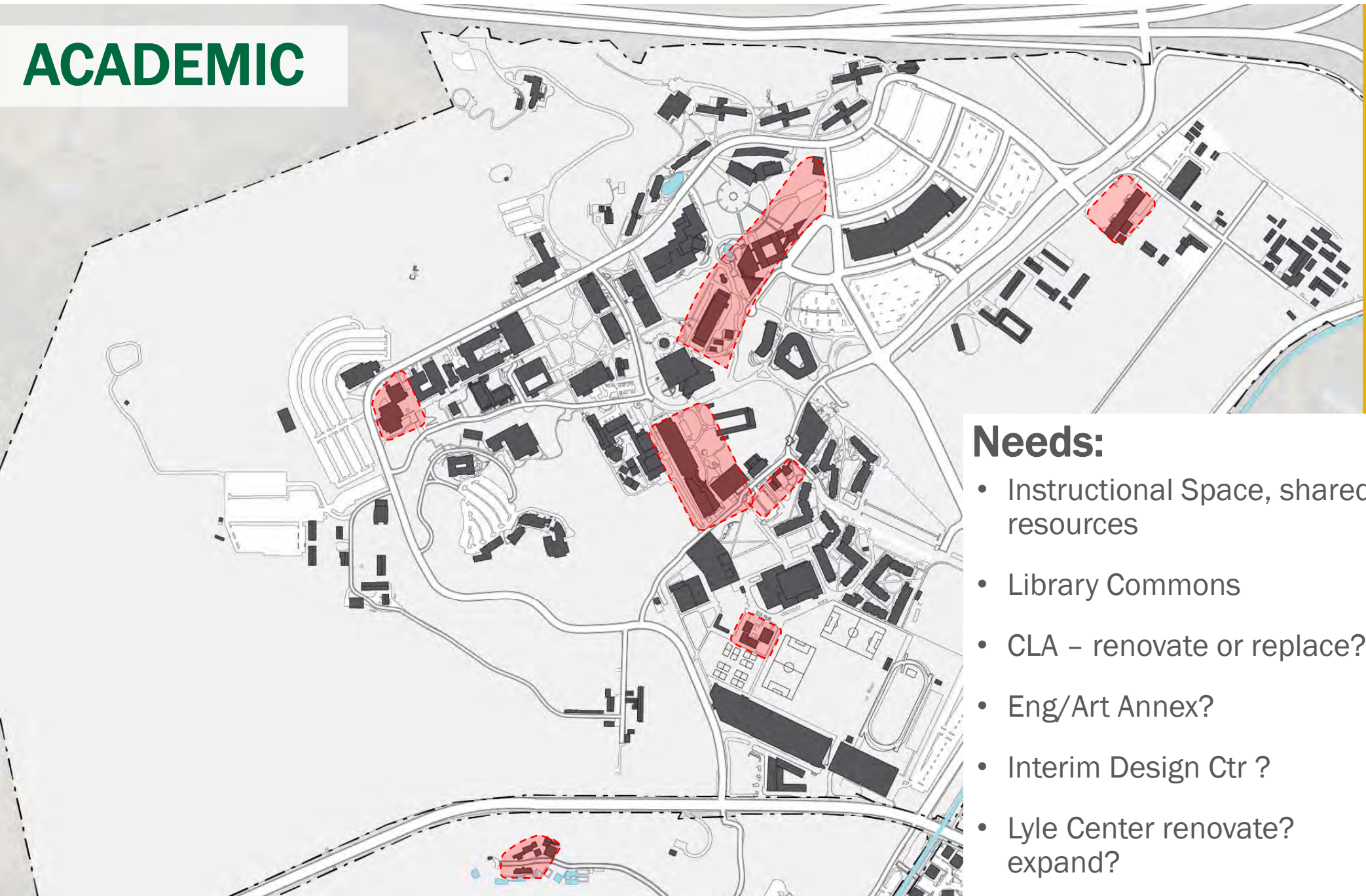
Non-Siloed Resources

Ample interdisciplinary space is the key to making this work

- Ground fl active space
- Small study and gathering areas (*inside and outside*)
- Large incubator/ collaboration spaces
- Open flexible space



ACADEMIC



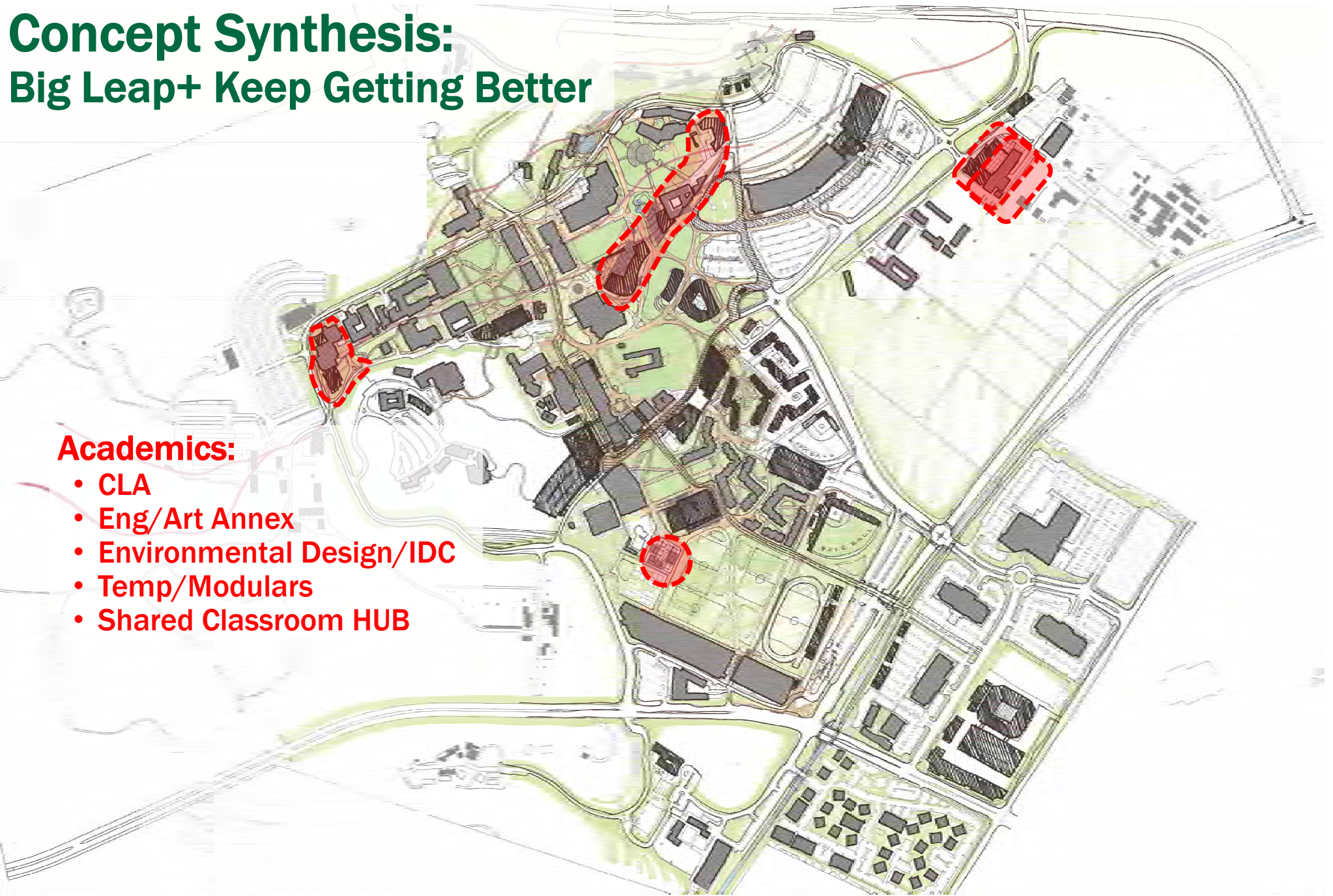
Needs:

- Instructional Space, shared resources
- Library Commons
- CLA – renovate or replace?
- Eng/Art Annex?
- Interim Design Ctr ?
- Lyle Center renovate? expand?

Concept Synthesis: Big Leap+ Keep Getting Better

Academics:

- CLA
- Eng/Art Annex
- Environmental Design/IDC
- Temp/Modulars
- Shared Classroom HUB



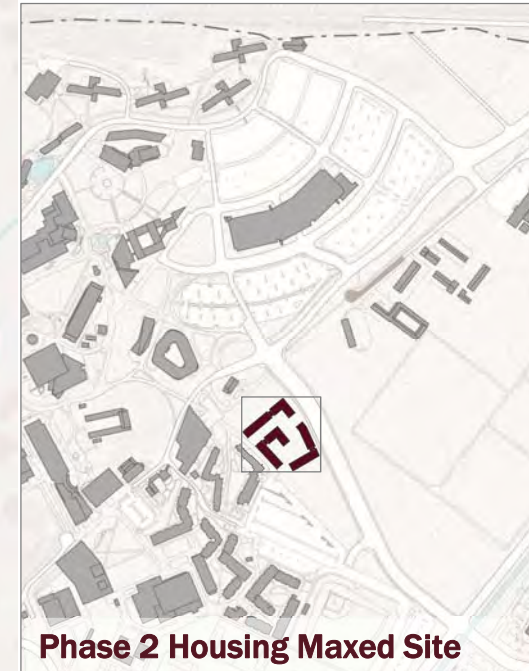
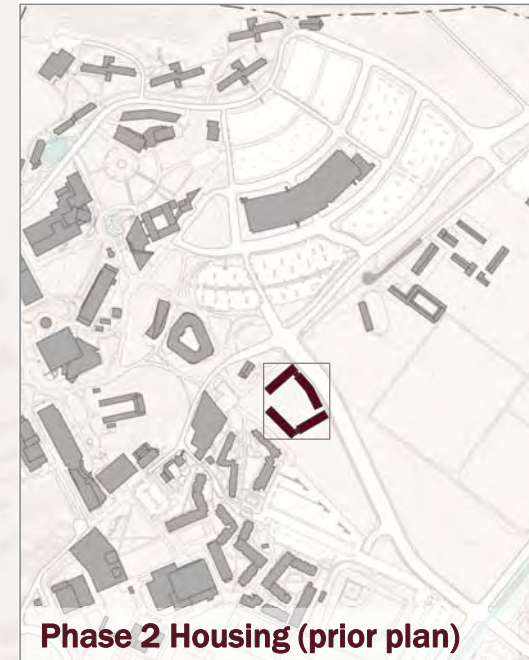
Campus-wide systems

Concepts

Synthesis + Study-Analysis

- **Student Life**
 - *Phase 2 housing + future FY housing sites*

STUDENT HOUSING STUDY SITES



Campus-wide systems

Concepts

Synthesis + Study-Analysis

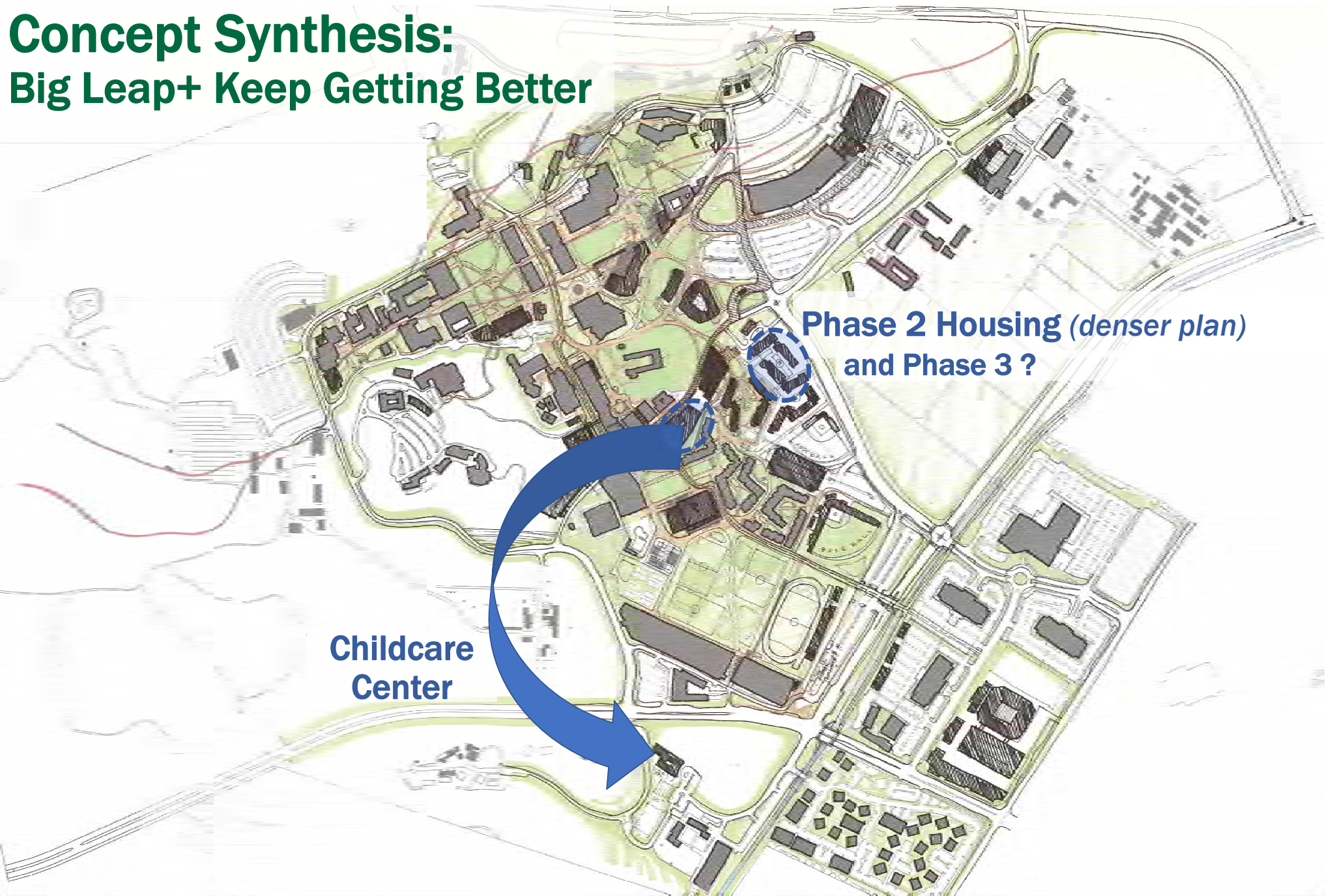
- **Student Life**

- *Phase 2 housing + future FY housing sites*
- *Site for Student Health and Wellness Center and Childcare Center*

CHILDCARE CENTER: STUDY SITES



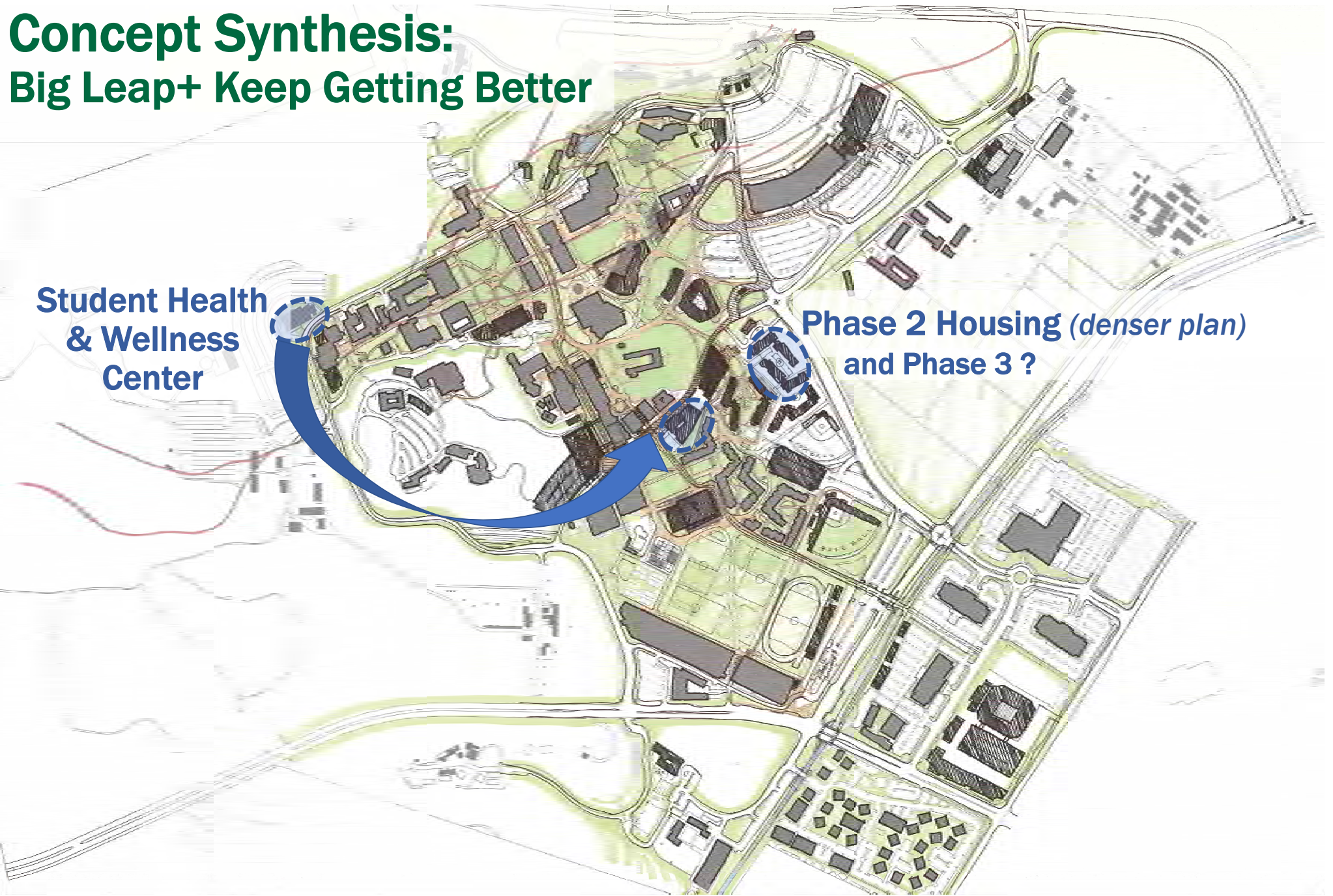
Concept Synthesis: Big Leap+ Keep Getting Better



Concept Synthesis: Big Leap+ Keep Getting Better

Student Health
& Wellness
Center

Phase 2 Housing (*denser plan*)
and Phase 3 ?



Campus-wide systems

Concepts

Synthesis + Study-Analysis

- **Student Life**

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

Feedback-Discussion

Additional graphics and discussion materials will be reviewed

Facilities / Uses

- **Academic**

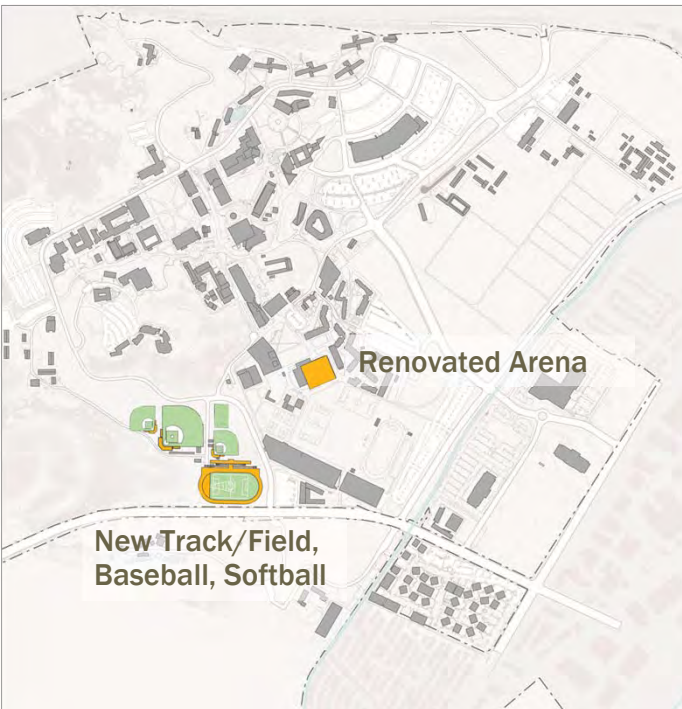
- *needed upgrades, replace temporaries?, library learning commons*
- *shared instruction/success resources*
- *accommodating future growth / change?*

- **Student Life**

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

ATHLETICS SITE CONCEPTS

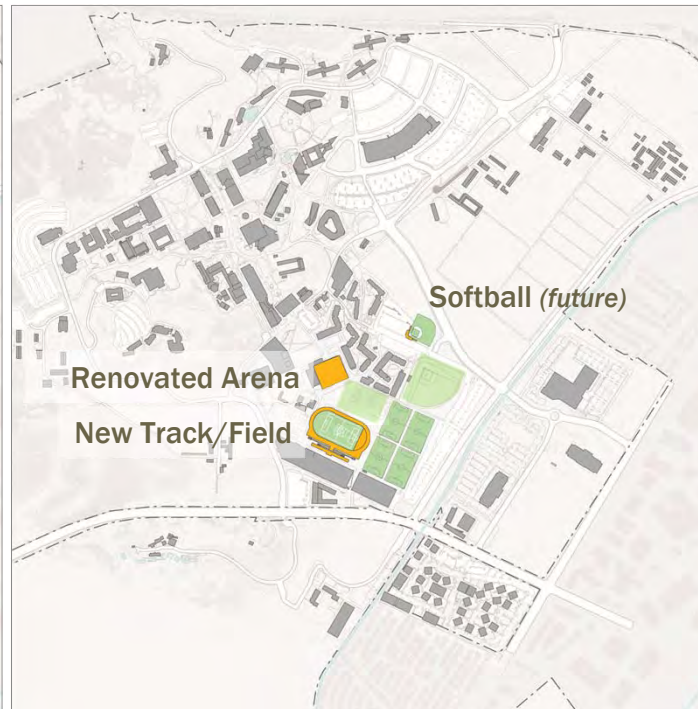
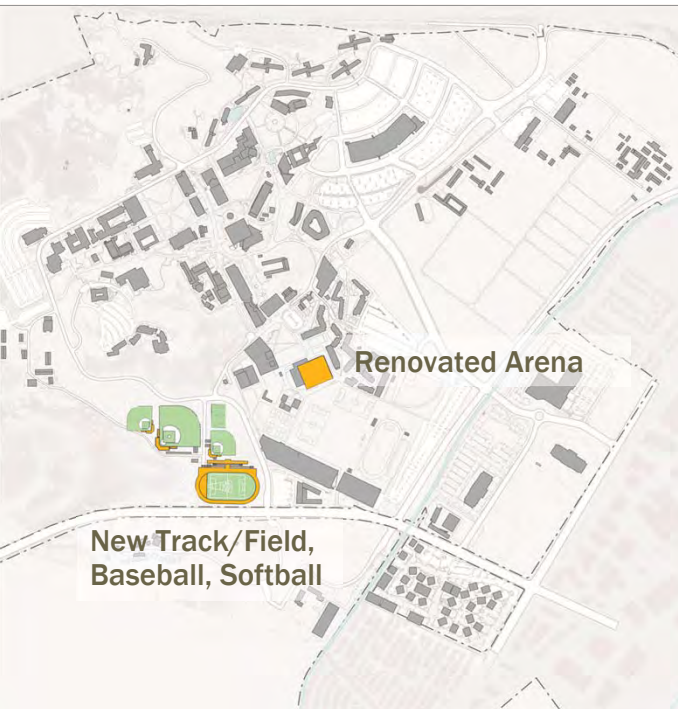
ALL MAJOR
ATHLETICS
FACILITIES



2012 MASTER PLAN

ATHLETICS SITE CONCEPTS

ALL MAJOR
ATHLETICS
FACILITIES

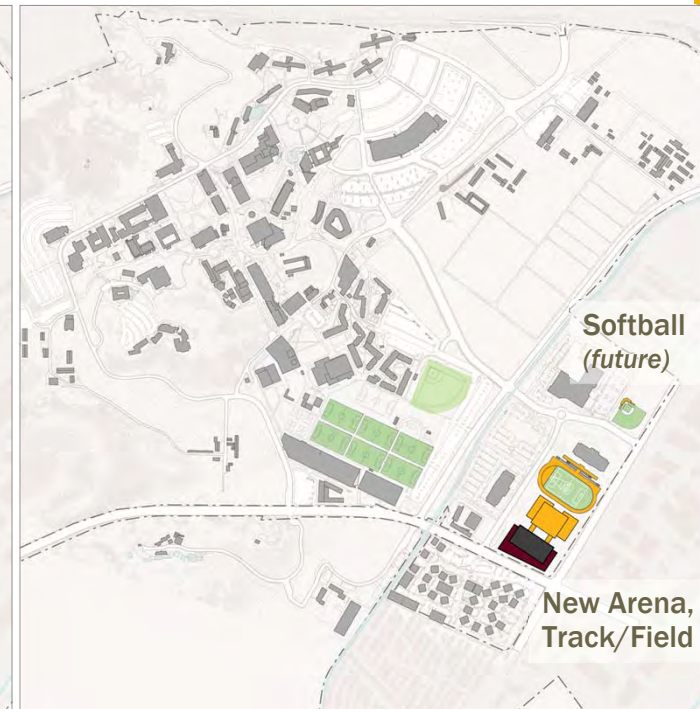
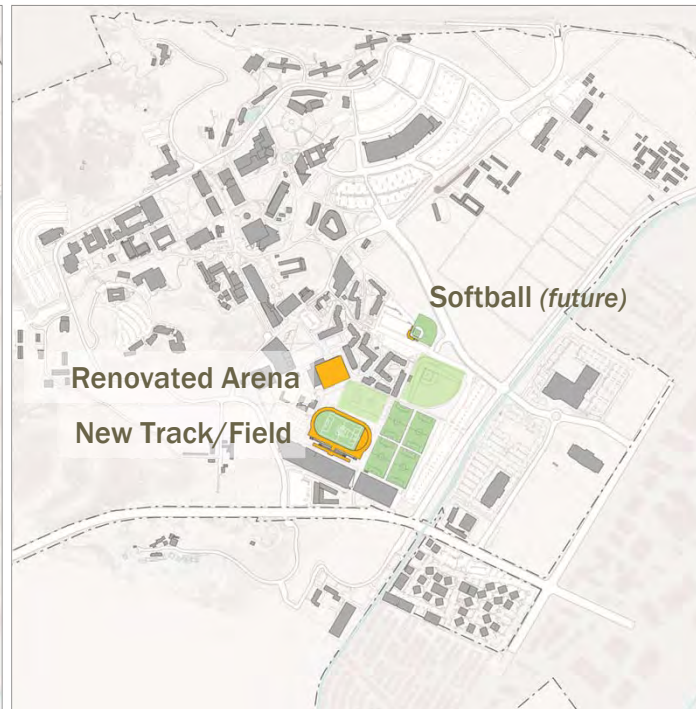
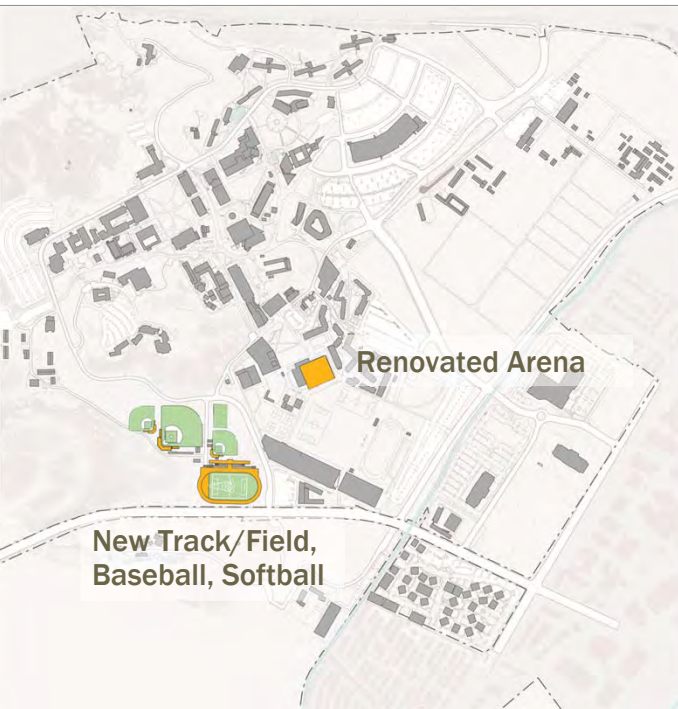


2012 MASTER PLAN

IMPROVE IN PLACE

ATHLETICS SITE CONCEPTS

ALL MAJOR
ATHLETICS
FACILITIES

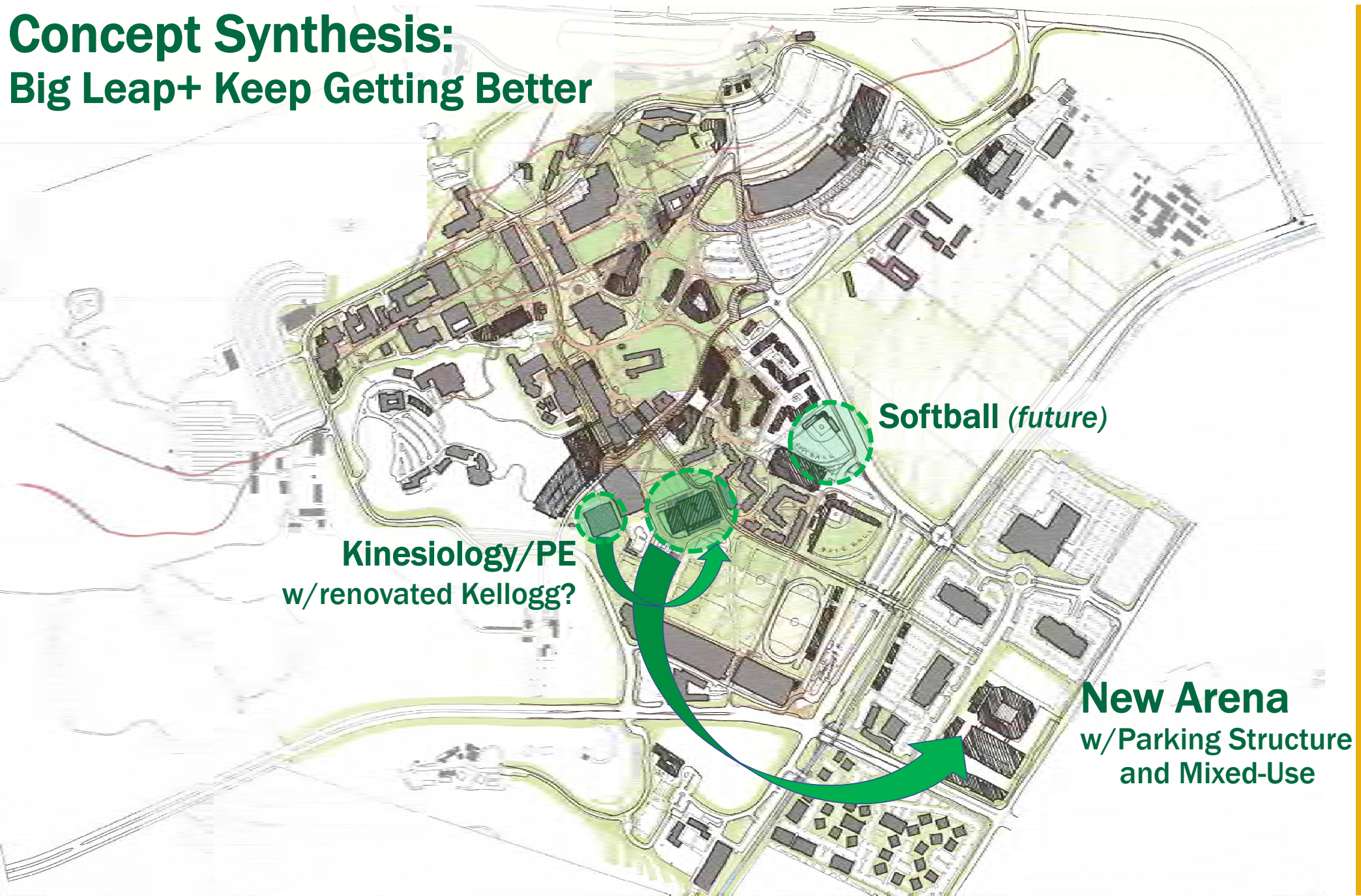


2012 MASTER PLAN

IMPROVE IN PLACE

CONCEPT 03:
MOVE FACILITIES

Concept Synthesis: Big Leap+ Keep Getting Better



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?*

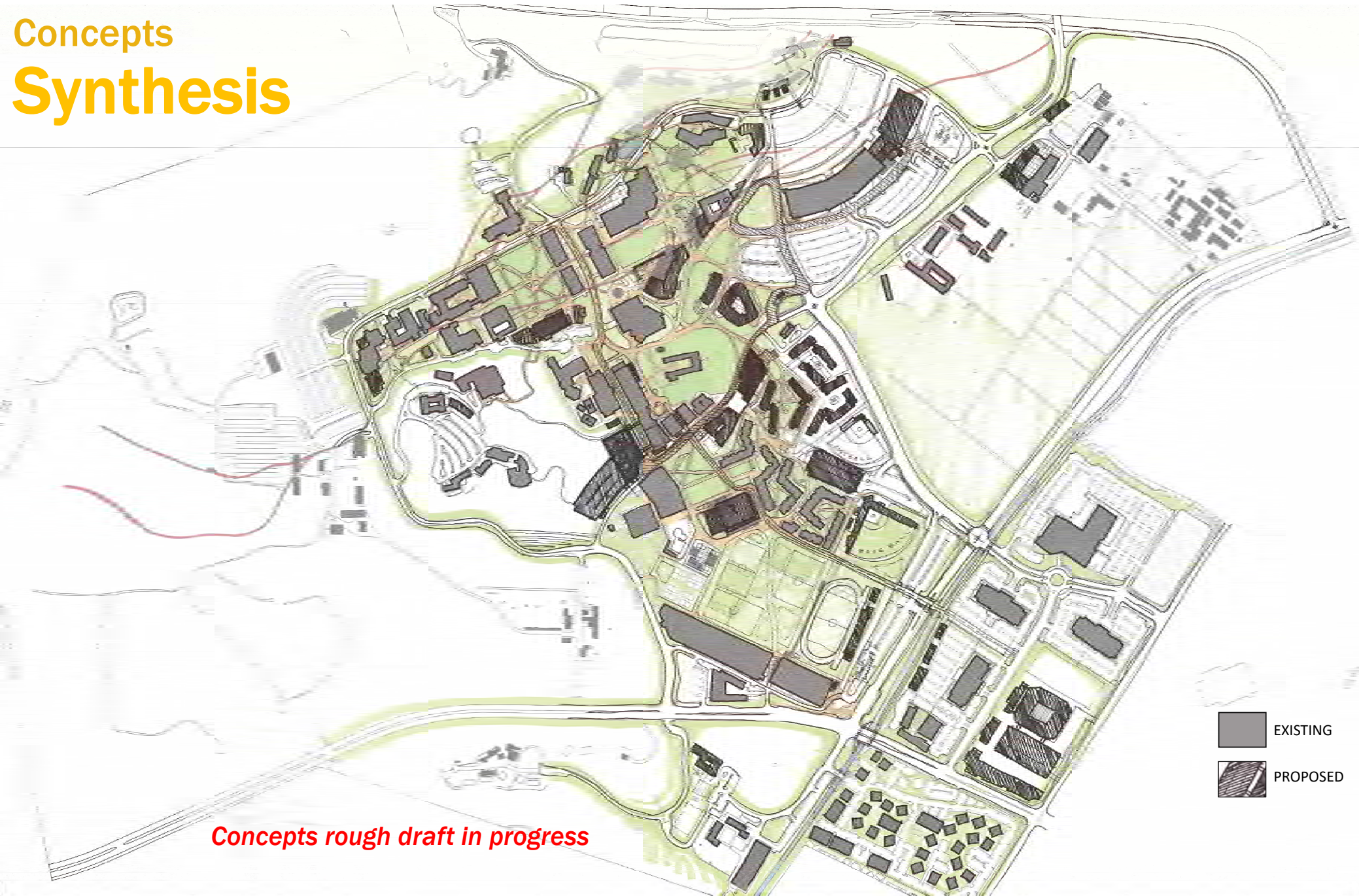
- **Student Life**

- *Phase 2 housing + future FY housing sites*
- *Site for Center for Childcare Center, and 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)*
- *Site for Childcare Center ?*
- *Innovation Village Development – are there options?*
- *Approach for site of vacated buildings – CLA tower, brick dorms, old dining hall*

Concepts Synthesis

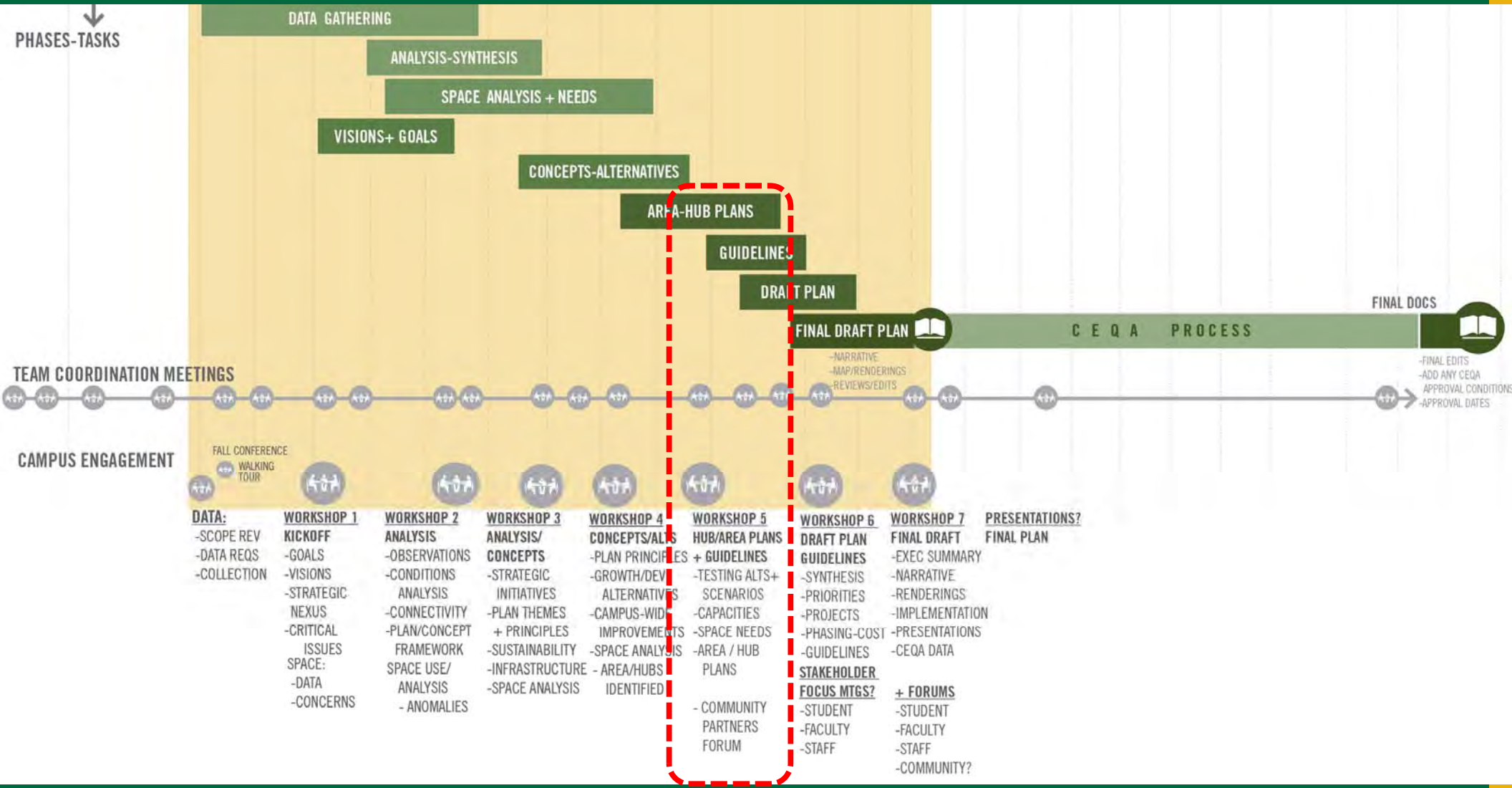


Concepts rough draft in progress

Discussion, Q + A



Next Steps:



Next Steps:

- **Schedule Workshop #5: HUB/Area Studies**

October or November?

- **#5 Focus Sessions:**

- Student Life On-Campus– BSC, Housing II (incl ideas for site after demo of red/greys)*

- Transportation w/ TAC - peds, bikes, campus shuttle and other busses, transit connection*

- Academic Resources - library learning commons, study space, student success space?*

- Sustainability – interim advisory group?*

- **Space Analytics**

- *Semester 2018 instructional space analysis*

October-December?

- *stakeholder mtgs w/Provost + Deans?*

- **Planning for Community Listening Session**

late-October or November?

A photograph of a campus scene. In the foreground, a paved path leads into the distance, with a group of students walking away from the camera. To the left, a couple is walking towards the camera. The path is flanked by lush green trees and bushes. In the background, a large, multi-story brick building is visible. On the right side, there is a building with a green awning that says "Campus Center". Several large, colorful umbrellas (green and yellow) are set up in front of this building. The sky is clear and blue.

Thank you!

AYERS
SAINT
GROSS

Cal Poly Pomona Master Plan