



California State Polytechnic University, Pomona Campus Master Plan Update

City Council Work Session, City of Pomona on Oct 29, 2018



AGENDA

Introductions

CPP Charting Our Future: Strategic, Academic, Master Plan

Master Planning Timeline, Process, Themes

Campus Today : Current Projects

Campus in the Future: Master Plan Principles + Concepts

Listening, Discussion, Q + A

29 October 2018

Charting our Future

Academic Plan

*implementing strategic plan,
new academic initiatives with
action plans and programs
student-faculty centric*



Strategic Master Plan

*high level, broad, capacity-oriented;
leadership drives toward consensus;
narrative, diagrammatic*

ENGAGING



INNOVATING



PARTNERING



SYNERGY



Physical Master Plan

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





STRATEGIC PLAN

2017-2021

CAL POLY POMONA

<https://www.cpp.edu/~strategicplan/index.shtml>

Academic Master Plan



- Guided by the University Strategic Plan
- Planning started in late 2016
- Vision for academic identity, values, future
- Articulate academic philosophy and approach
- Impact the campus physical plan.

<https://www.cpp.edu/~academicplan/index.shtml>

AGENDA

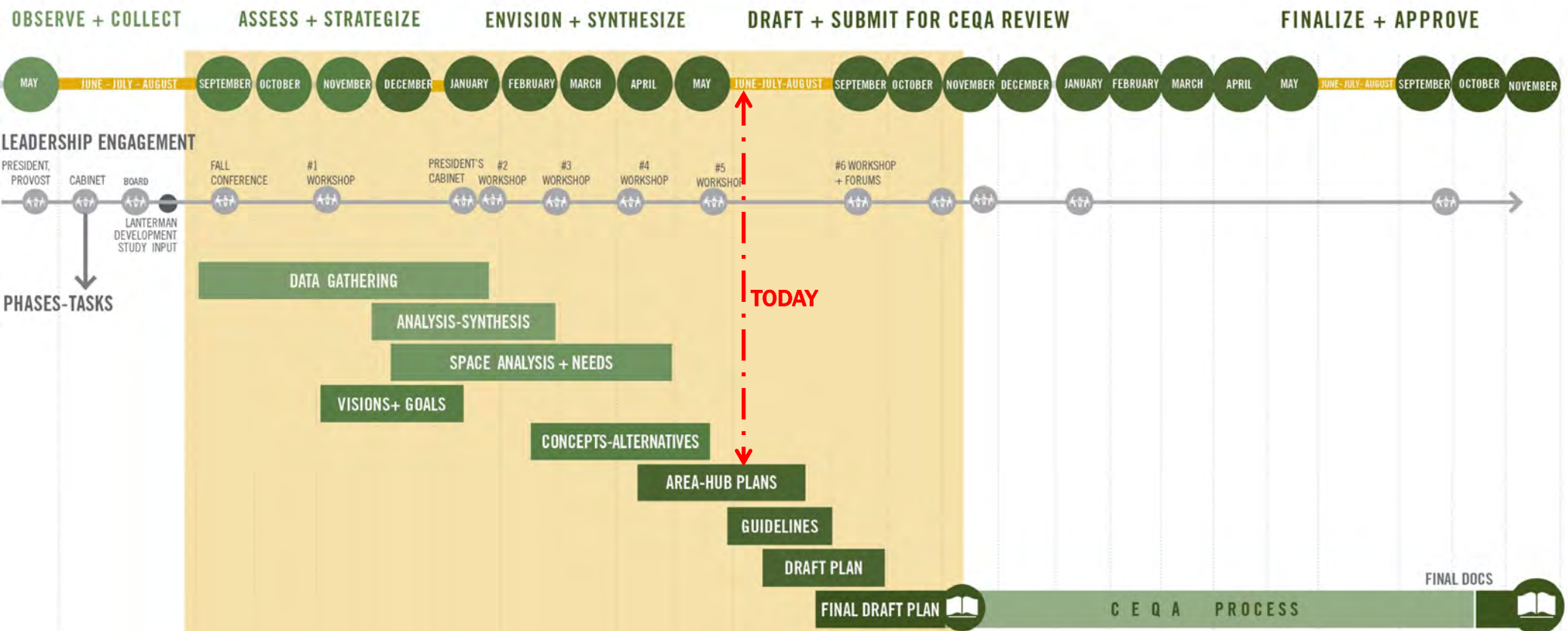
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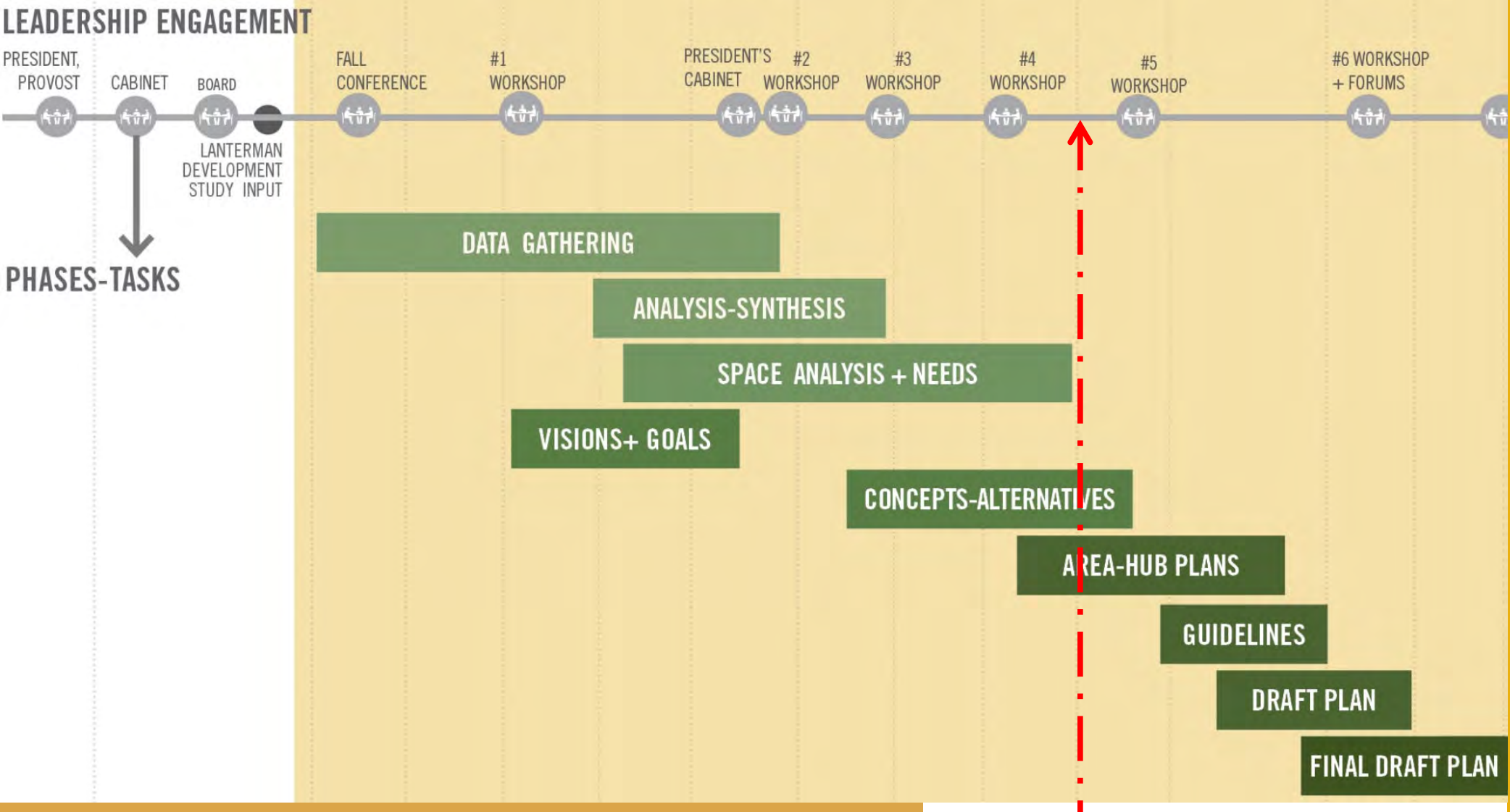
Planning Timeline – Fall 2017 thru Spring 2019



Campus Master Planning

CEQA Review Process

Planning Timeline - Fall 2017 thru Spring 2019



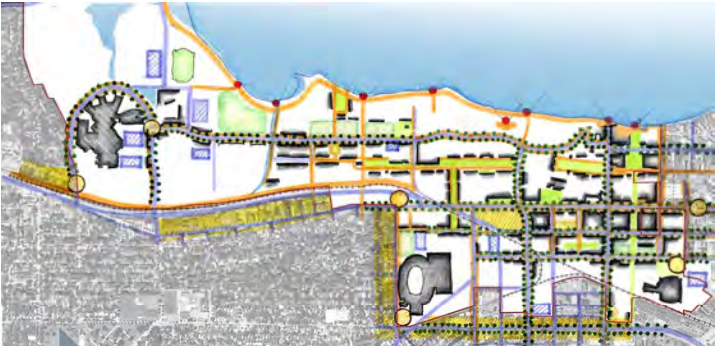
Typical Steps in the Planning Process



Project Kick-Off



Observations & Analysis



Concept Plans/Alternatives



Small Area Studies / Alternates

TODAY



Draft Plan + Phasing



Final Plan & Reports

Process:

Participatory, Inclusive, Mission Driven

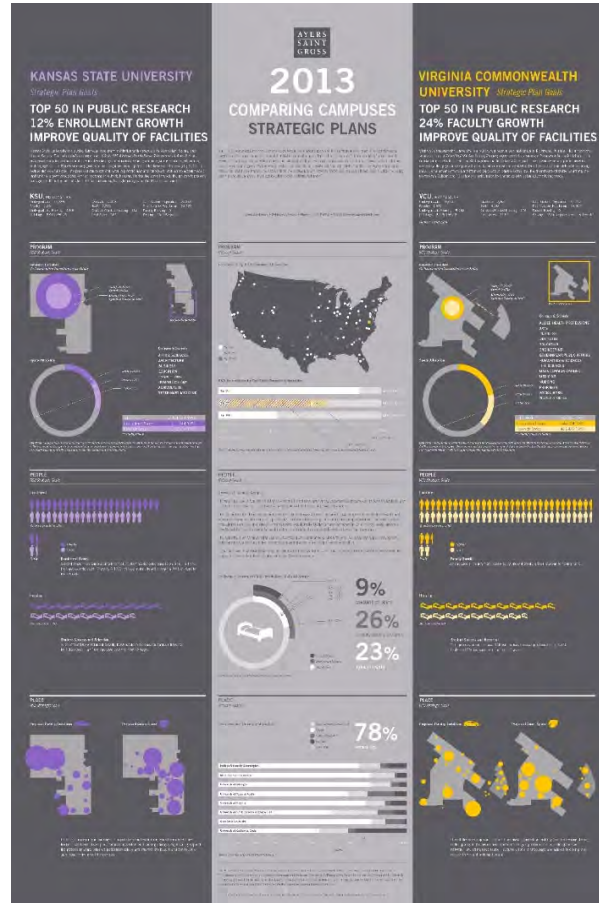
Workshop-Based

Process structure around intensive campus engagement



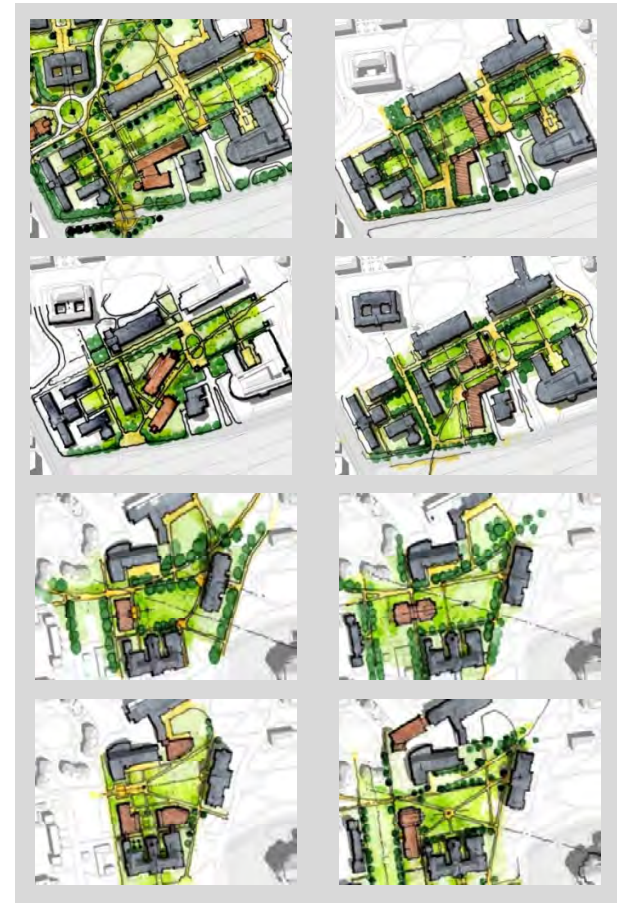
Research-Informed

Active research on higher education trends since 1998



Scenario-Tested

Campus Capacities explored via multiple development scenarios



Observations: Historic Character, Student Culture



Exercise:

Synthesis of Stakeholder Input

Campus love...

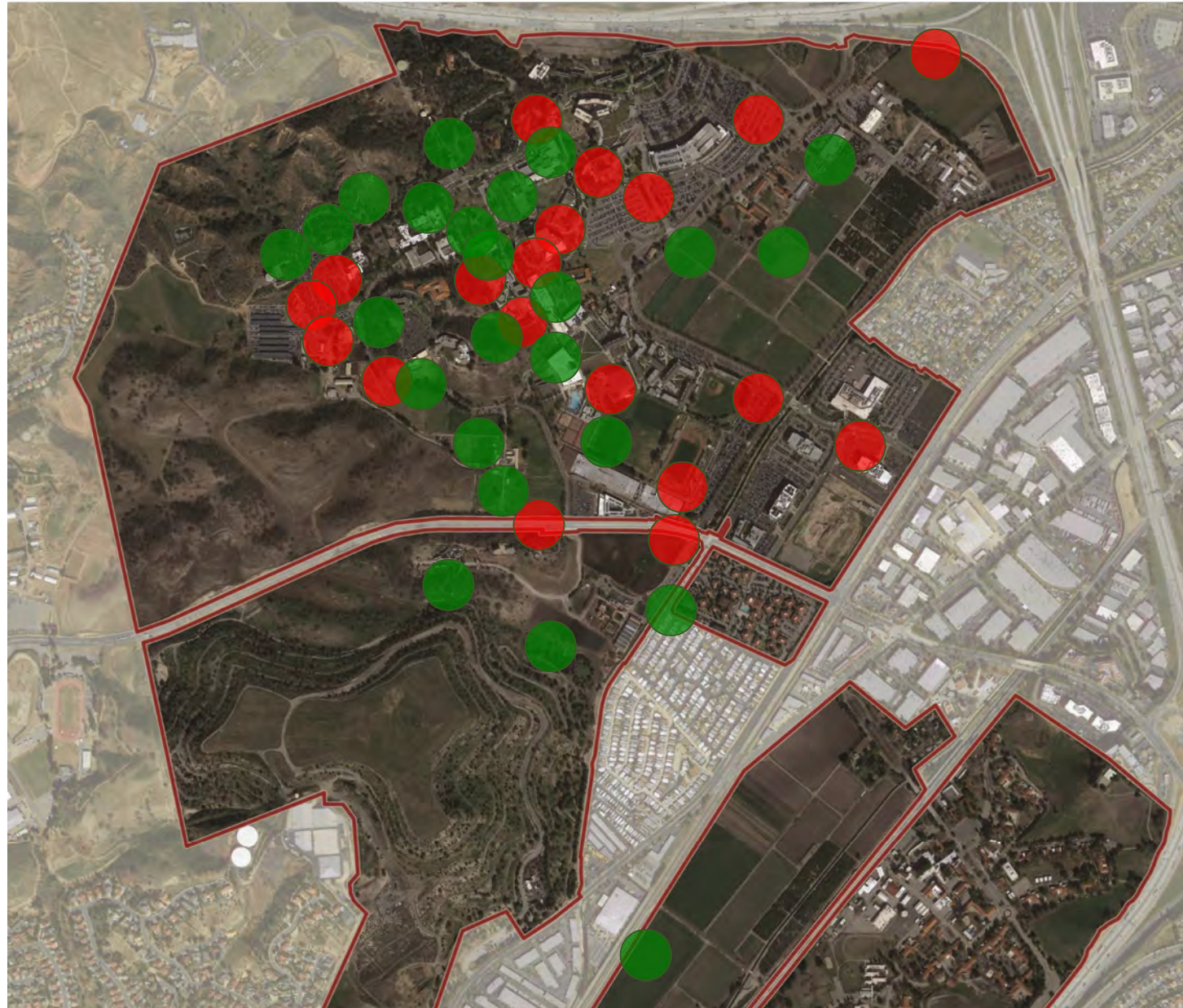


- university quad, open space, plazas
- views, natural areas, courtyards
- special places: Japanese Garden, gardens, Kellogg Arabian Center, Lyle Center, Ag Valley Drive and agricultural fields, orchards
- sustainable campus

Need to Improve....



- bike lanes, transit access, pedestrian safety, street crossings, sidewalks, accessibility, lighting, signage/wayfinding, drop-off areas for destinations
- pedestrian mall + University Park
- sustainability: building materials, solar shading of parking, storm water runoff (capture, recycle water)



Web-Based Communication

The screenshot shows the homepage of the Cal Poly Pomona Campus Master Plan 2018 website. The header includes the university name and a navigation menu with links for Committee, Stakeholder Meetings, Open Workshops, and Contact. The main content area features a large video player titled "Planning our Future" with a thumbnail image of people working outdoors. Below the video is a "Master Plan" section with links to the Master Plan (PDF) and MAP. Further down, there are sections for "Campus Master Plan Process" and "The next Campus Master Plan will take into account the history and legacy of Cal Poly Pomona, while at the same time examining the university's polytechnic identity and preparing for the academic, technological, economic and industrial challenges that await on the horizon." and "The architectural firm Ayers Saint Gross, which was founded in 1912 and specializes in working with colleges and universities on planning, will shepherd the master plan process. Ayers Saint Gross plans to conduct hands-on workshops, open forums, walking tours of the campus, charrette sketch sessions and "listening sessions" with members of neighboring communities to hear their viewpoints and concerns."

This screenshot displays the "Workshop Archives" page. It lists several workshops with their dates and titles, including "September 18, 2017 - Native Plant Society (Fall Conference)", "November 9, 2017 - Workshop #1", and "February 2018 - Workshop #2". Each entry includes links to PolyCentric articles, presentations, and exercises. The page also features a sidebar with navigation options for the Campus Master Plan 2018 process.

This screenshot shows the "Advisory Committee Meetings" page. It details two meetings: one on November 6, 2017, held in the CIA - Heritage Room, and another on January 22, 2018, held in room 180. Each meeting entry provides the date, time, location, and a brief description of the topics discussed, such as consulting with Ayers Saint Gross and reviewing the progress of the master plan process.

CPP Web site is updated to document input, exercises and workshops

<https://www.cpp.edu/~fpm/planning-design-construction/master-plan-2018>

Five Strategic Themes



- 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 (whether commuting or living on or near campus) and faculty, staff and visitors.
- 5 Sustainable in All Aspects**
Decisions must be sustainable environmentally, economically, socially and consistent with Cal Poly's values, commitments and goals.

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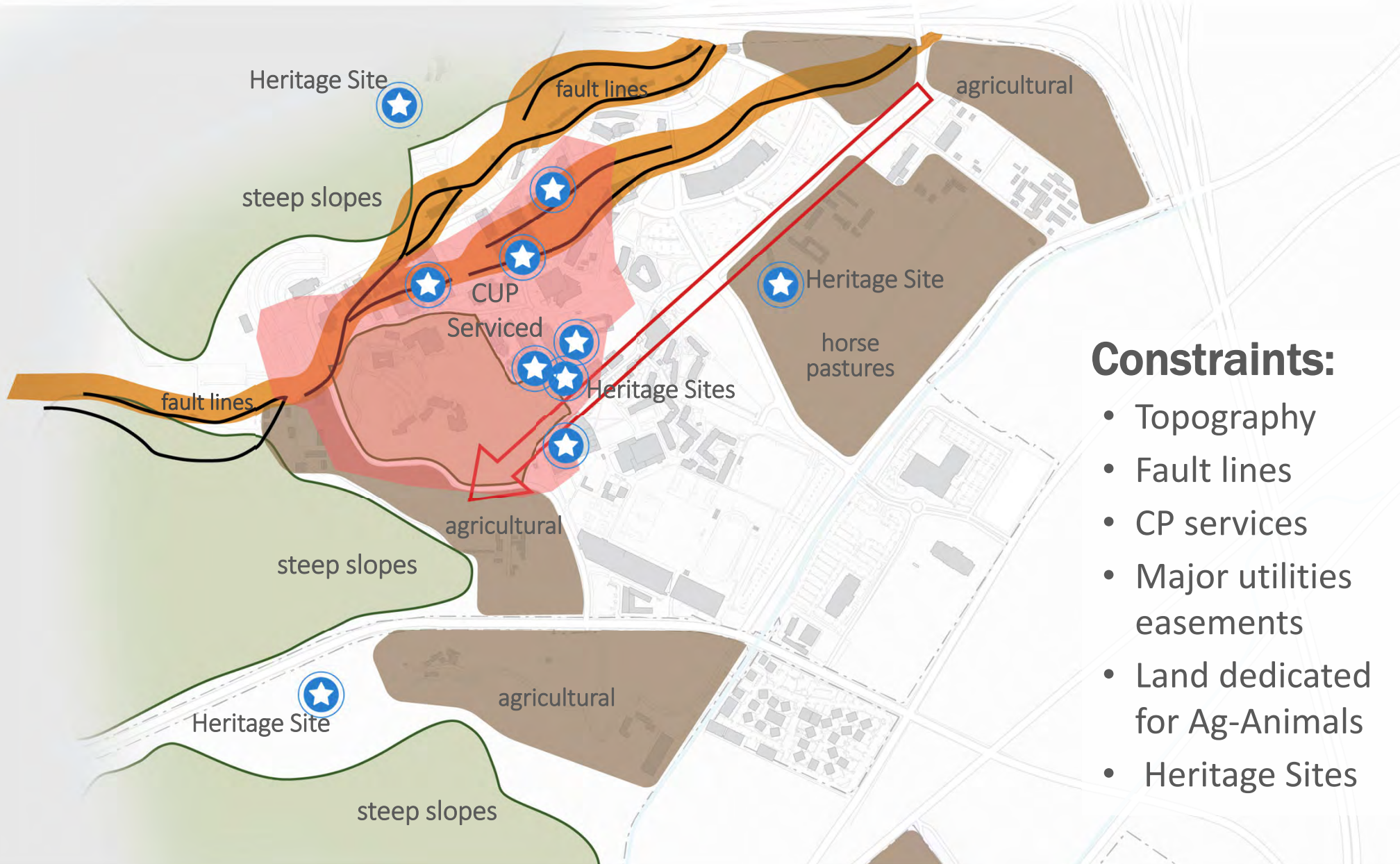
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Campus Today : Current Projects

29 October 2018

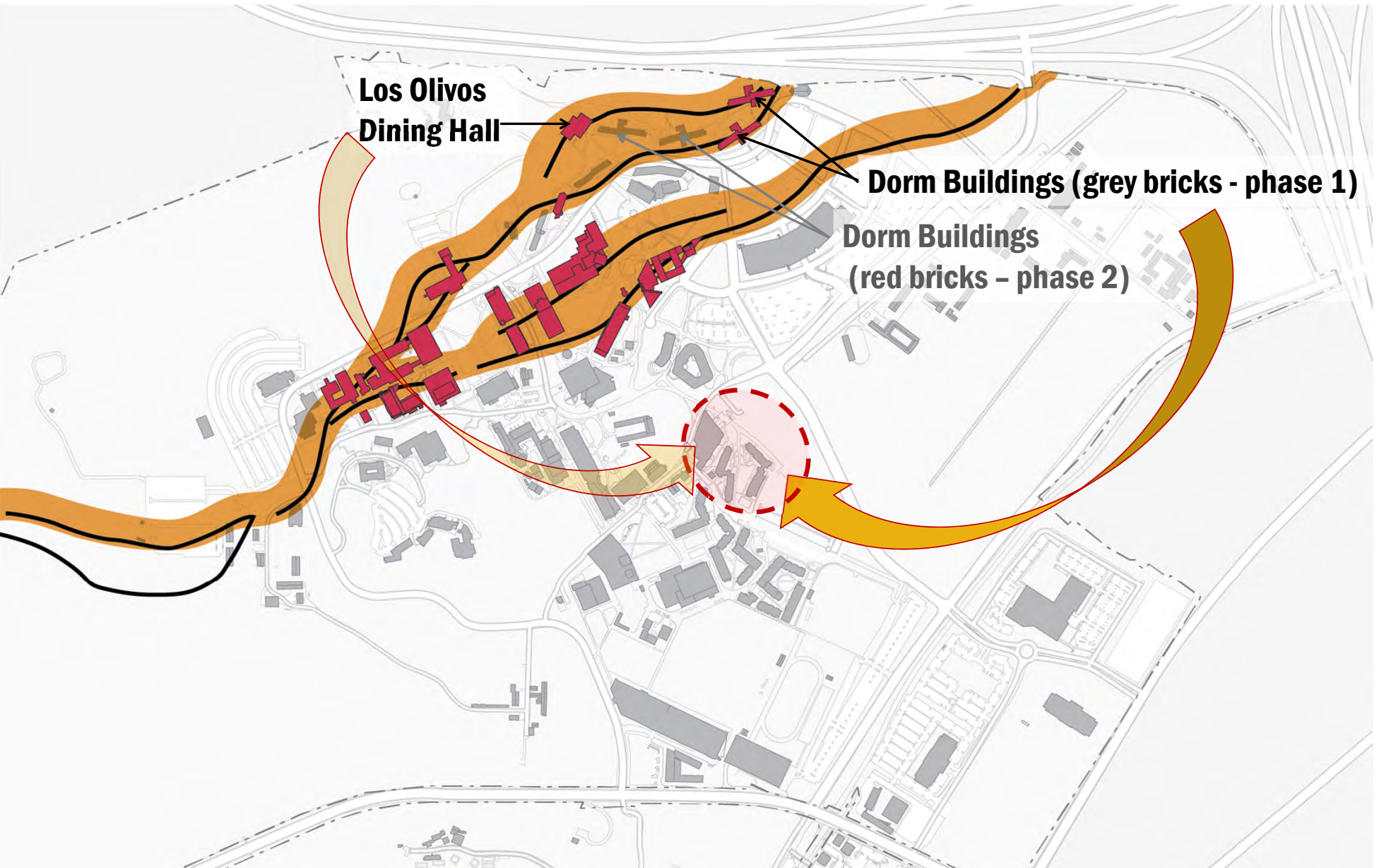
Campus Today: existing constraints



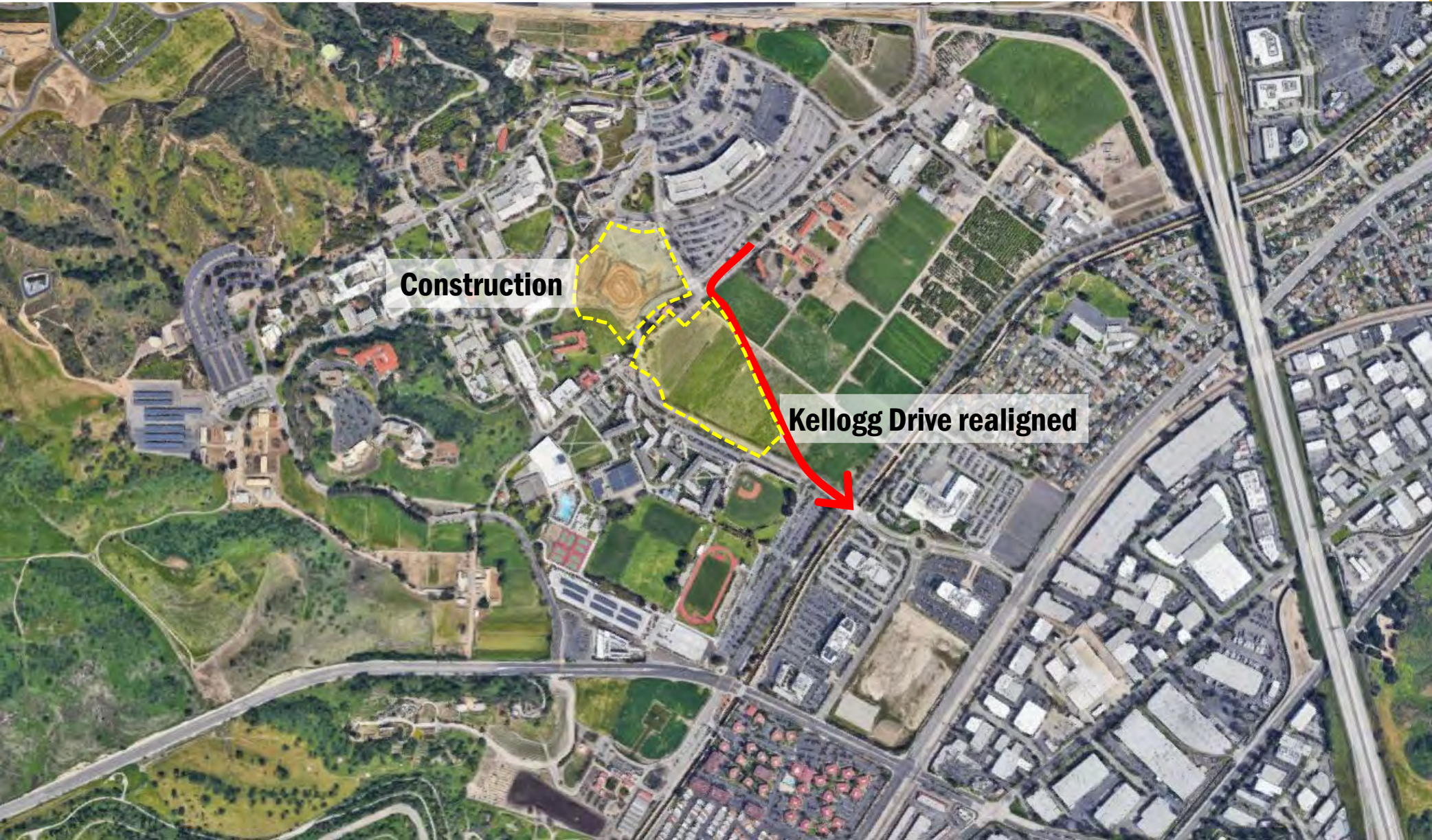
Constraints:

- Topography
- Fault lines
- CP services
- Major utilities easements
- Land dedicated for Ag-Animals
- Heritage Sites

Campus Today - Fault Line w/Buildings to be Replaced



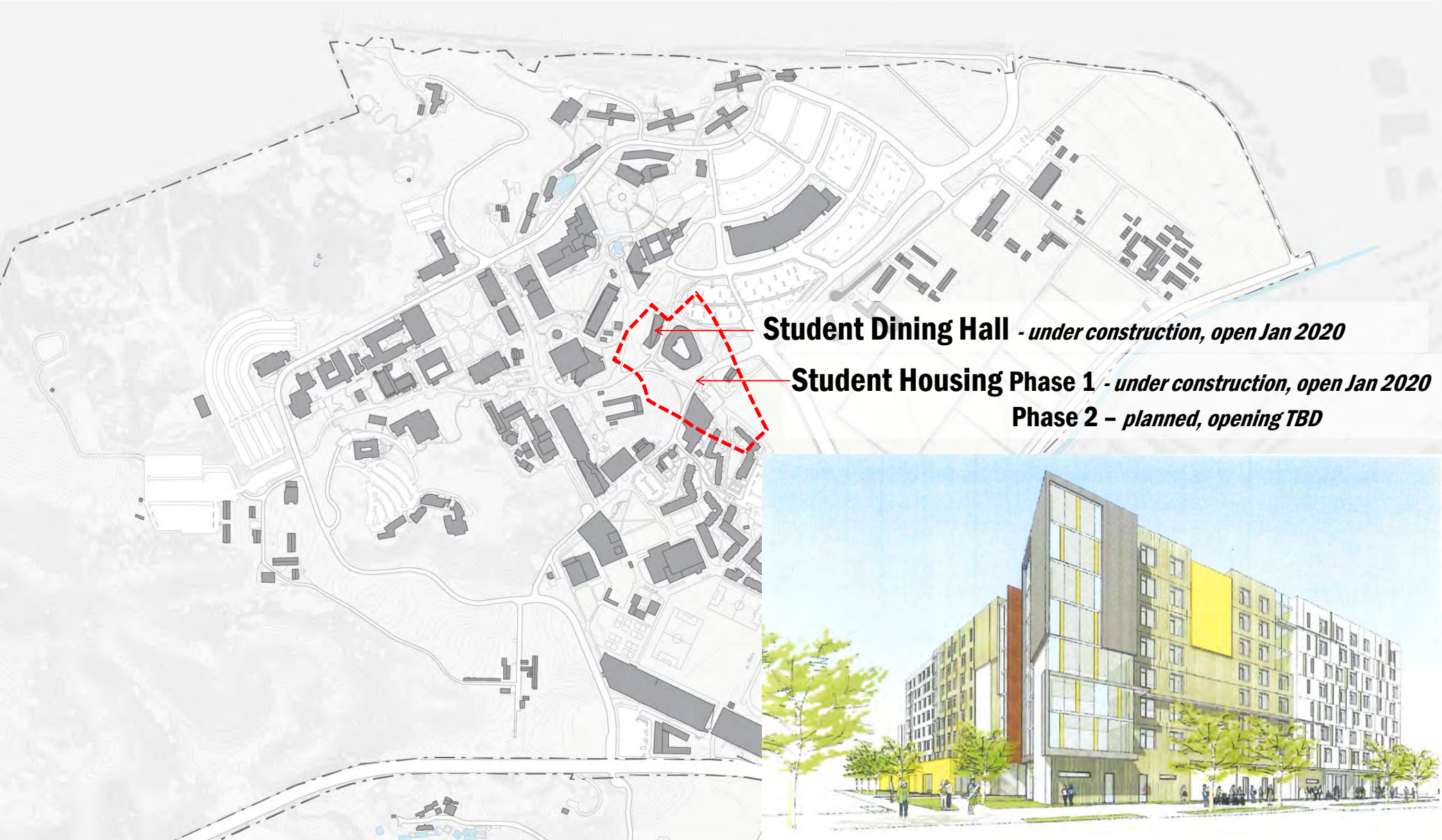
Campus Today – current projects



Construction

Kellogg Drive realigned

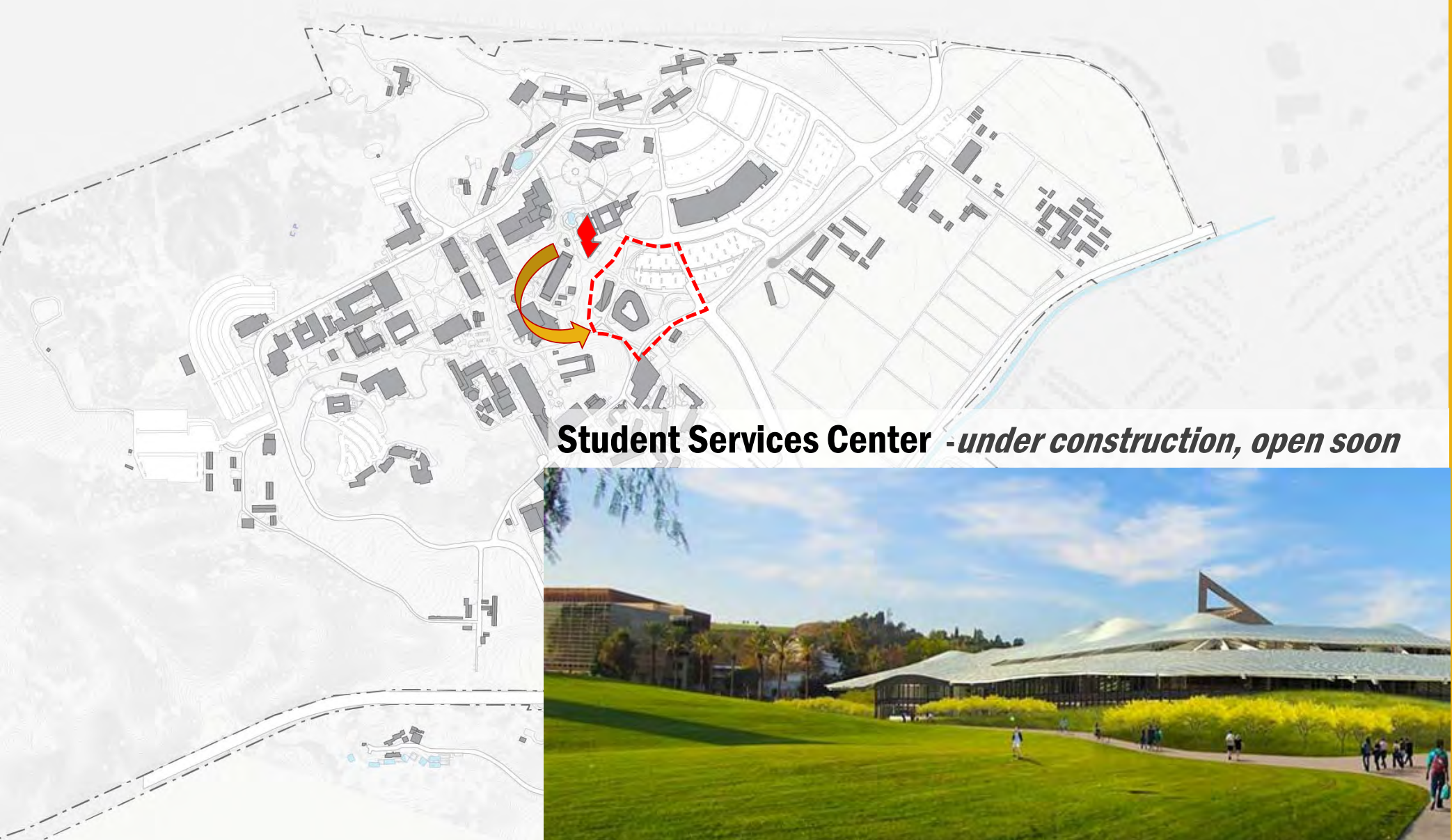
Campus Today – new student housing



Student Dining Hall - *under construction, open Jan 2020*

Student Housing Phase 1 - *under construction, open Jan 2020*
Phase 2 – *planned, opening TBD*

Campus Today – CLA Tower Building to be Replaced



Student Services Center -*under construction, open soon*

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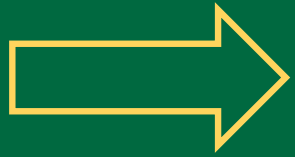
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Planning Principles



1

Start with Campus Places not Buildings

Focus on the space between buildings, making places 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 Academic Neighborhoods into Hubs

Organize areas of focus with strong anchors + interdisciplinary hubs + commons



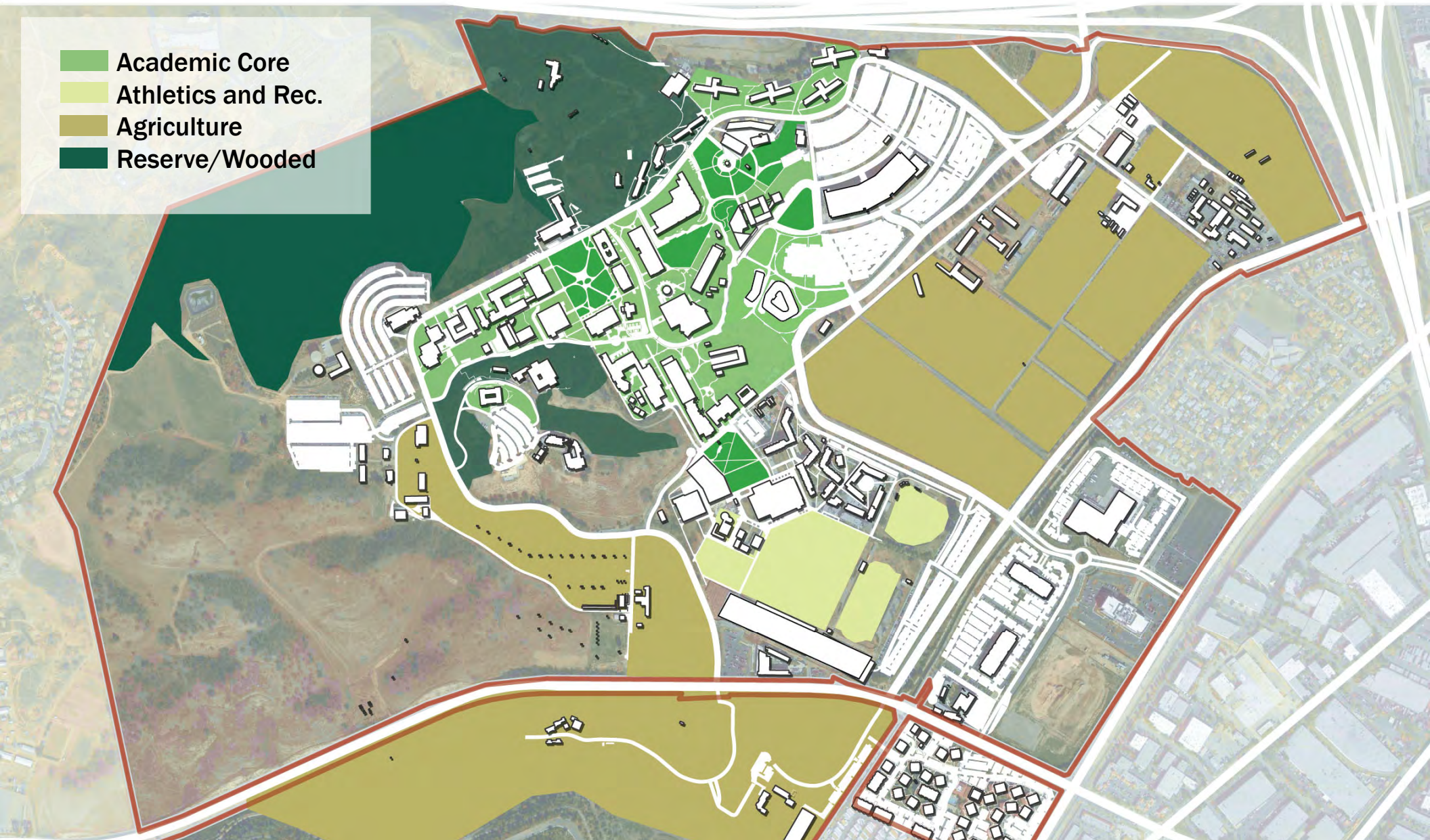
6

Expand the Plan

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

Start with Campus Places not Buildings

- Academic Core
- Athletics and Rec.
- Agriculture
- Reserve/Wooded



Close the Loops, Make the Connections

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

Issues to Address:

- Expand the pedestrian zone with improved malls/walks
- Enhance pedestrian safety
- Enhance bike connectivity
- Improve on-campus transit (*get the bus out of traffic*)
- Improve regional transit connections
- I-10 exit configuration
 - *reduce through traffic*
 - *enhance sense of entry to slow traffic + improve wayfinding*

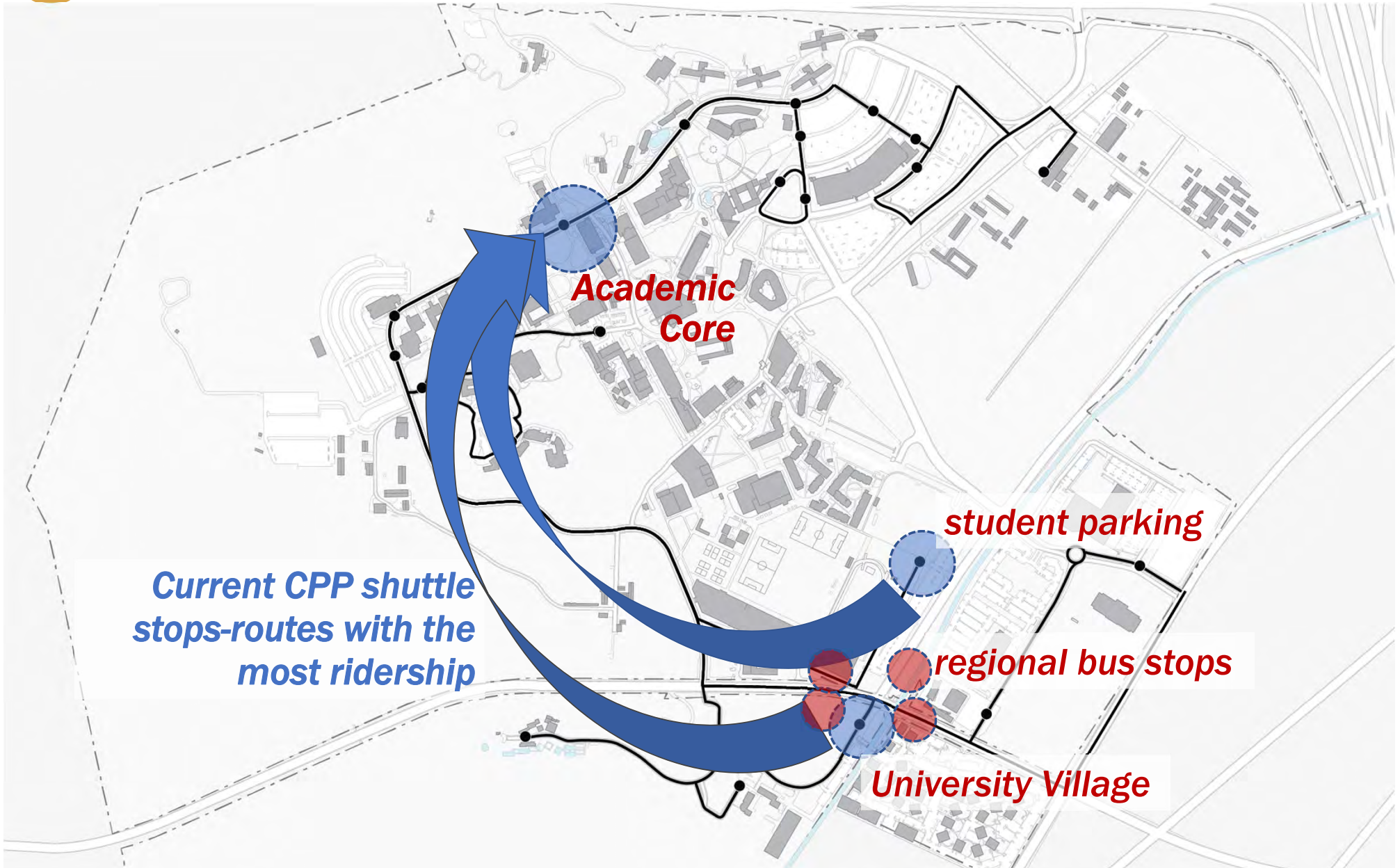


Ped/Bike-Way





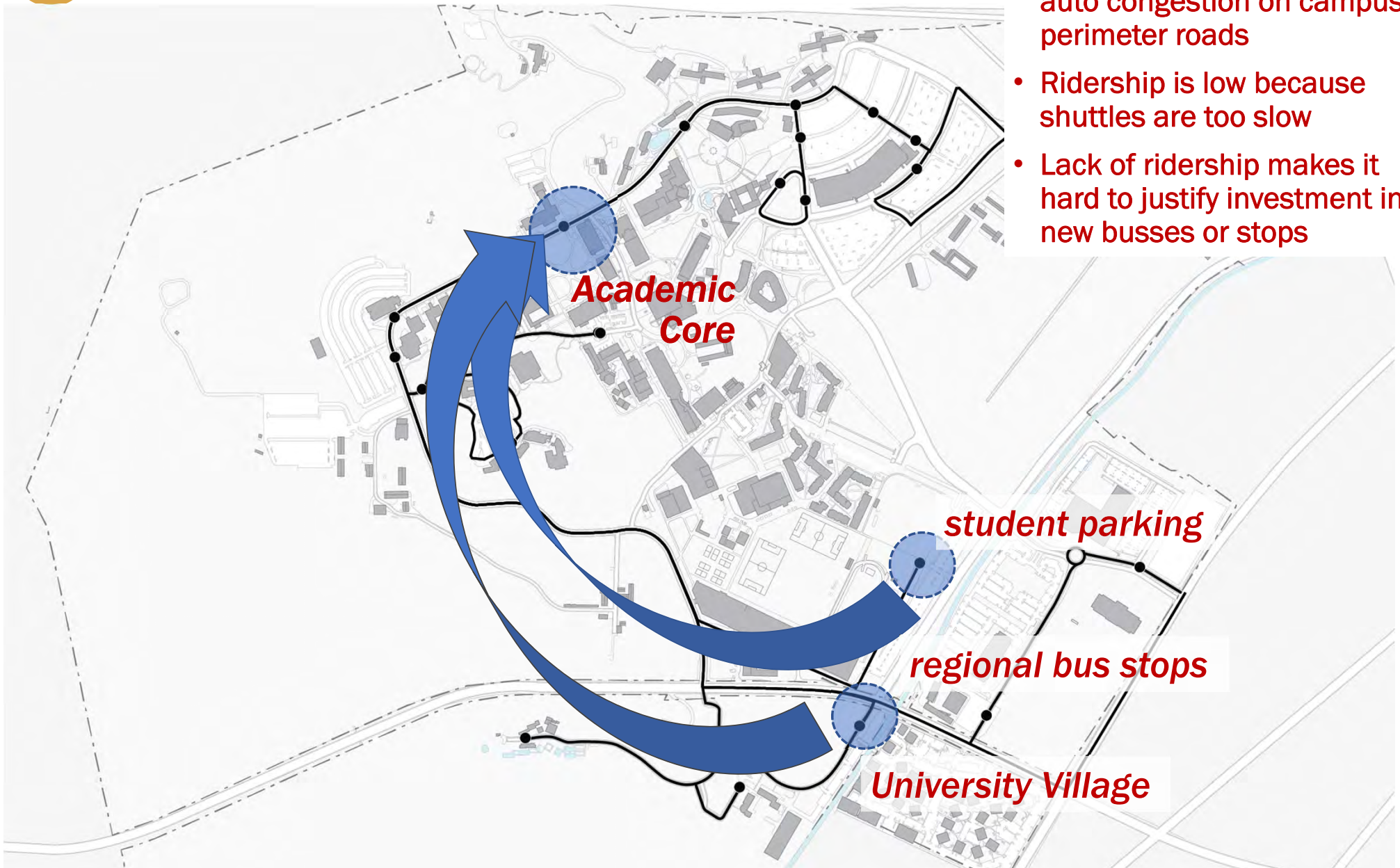
Campus Transit





Campus Transit

- Shuttles are impacted by auto congestion on campus perimeter roads
- Ridership is low because shuttles are too slow
- Lack of ridership makes it hard to justify investment in new busses or stops

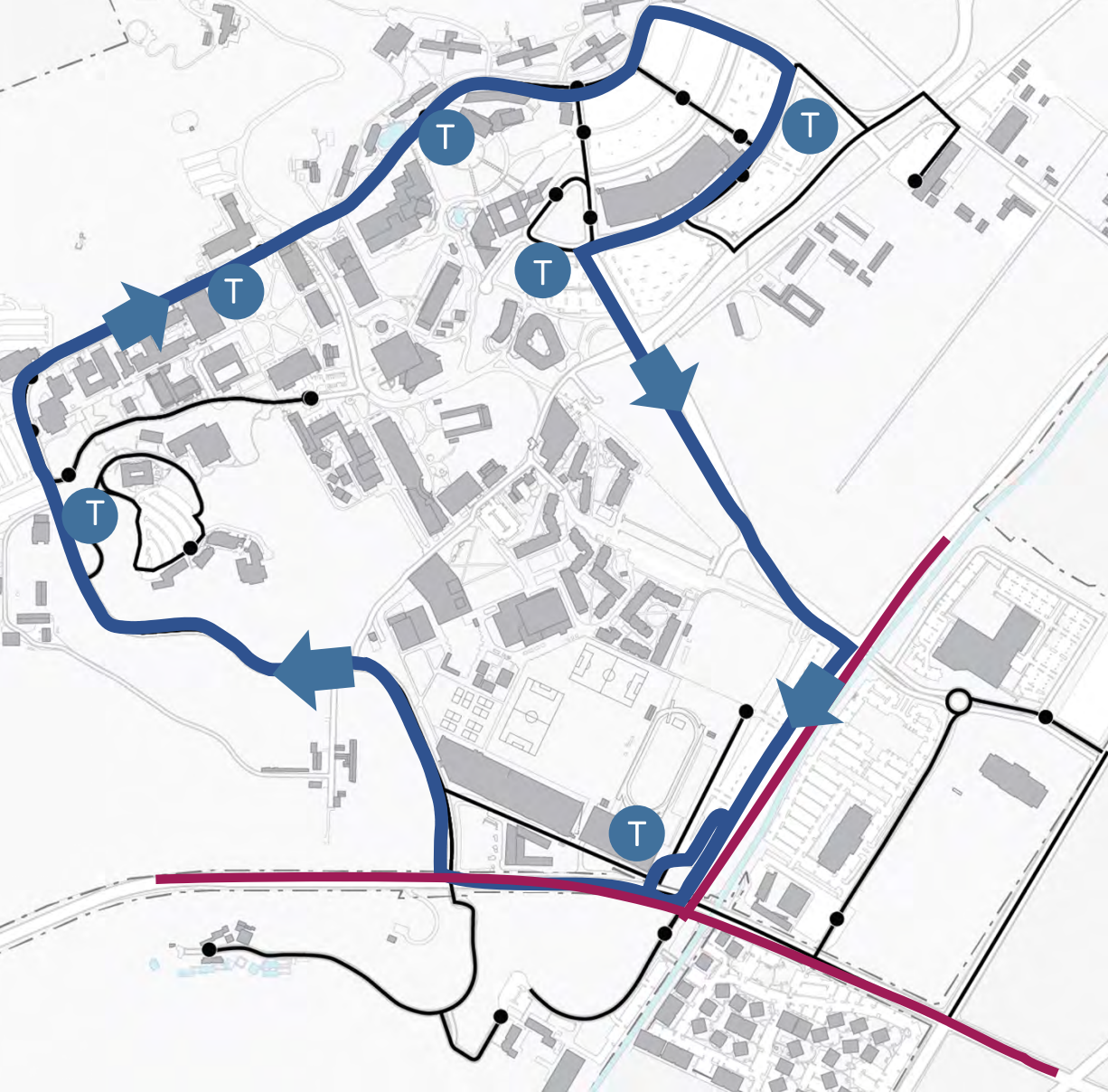




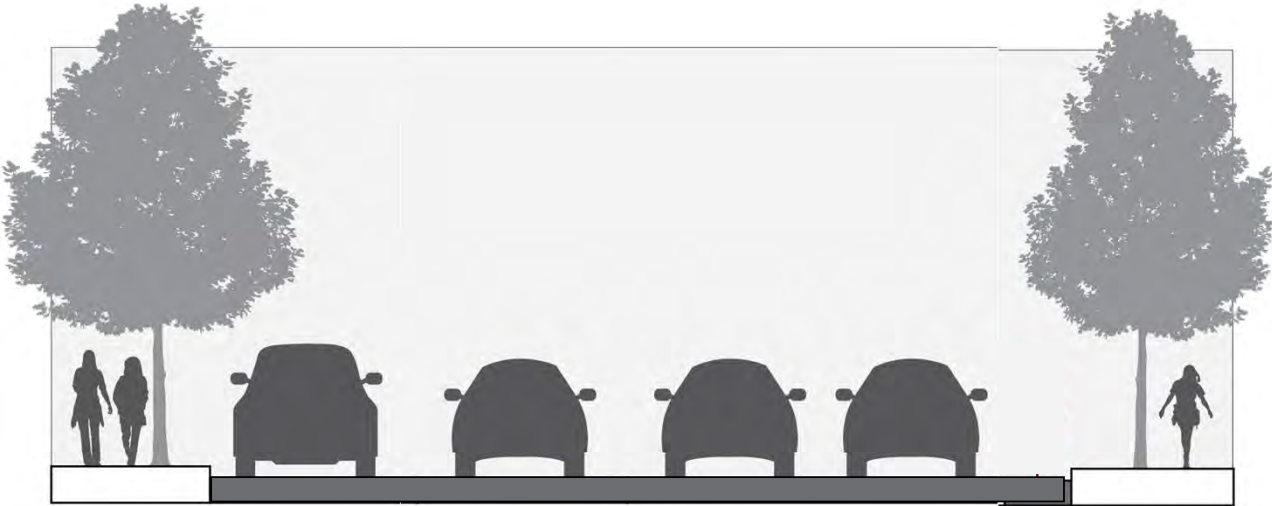
Campus Transit

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

Develop better options for remote stops and disability services.



UNIVERSITY DR



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

UNIVERSITY DR



Consider:

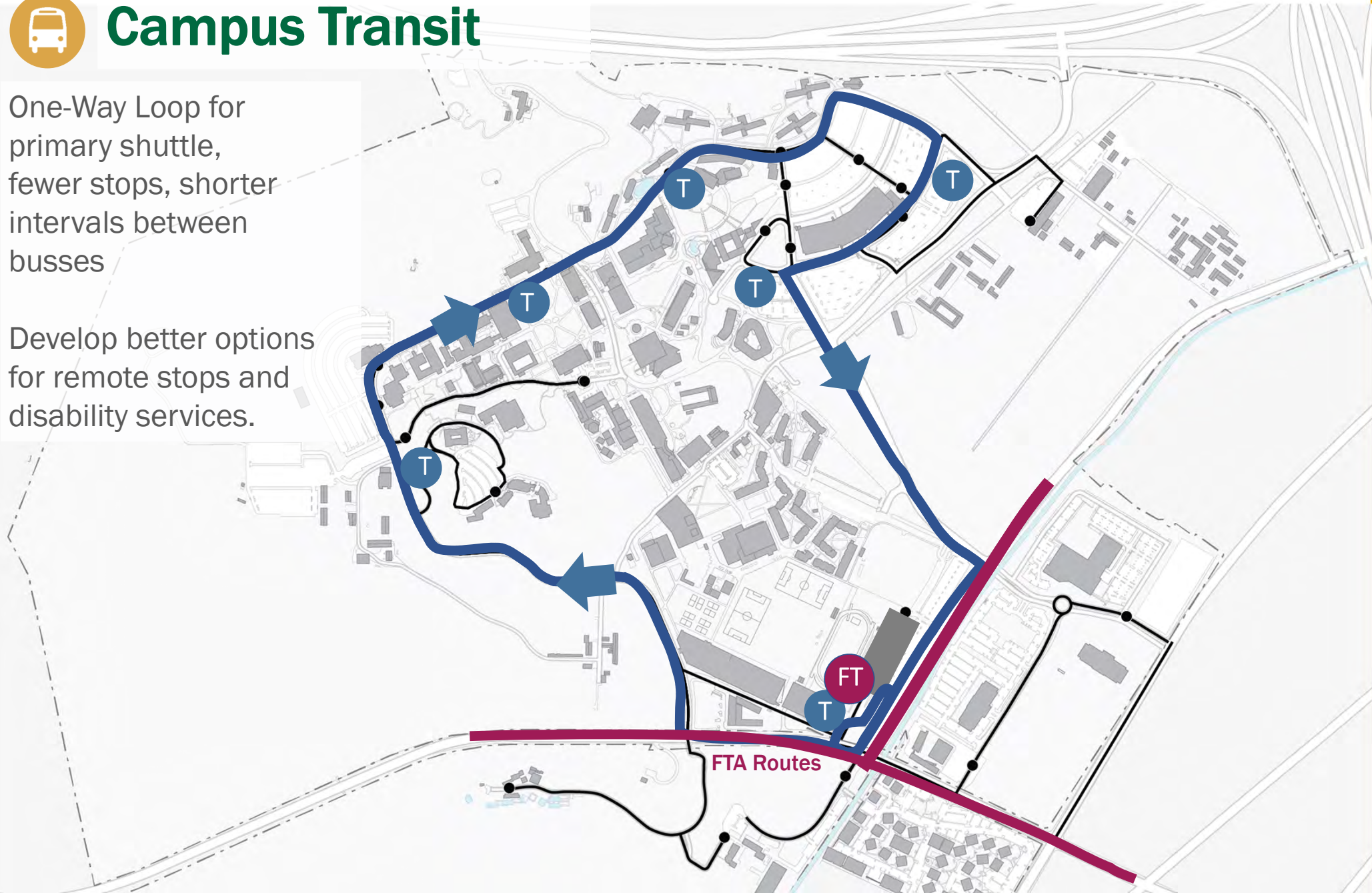
- travel lanes
(eliminate on-street parking except pull-outs for ADA/Med)
- 1 way transit + bikes
- widen sidewalks on south side



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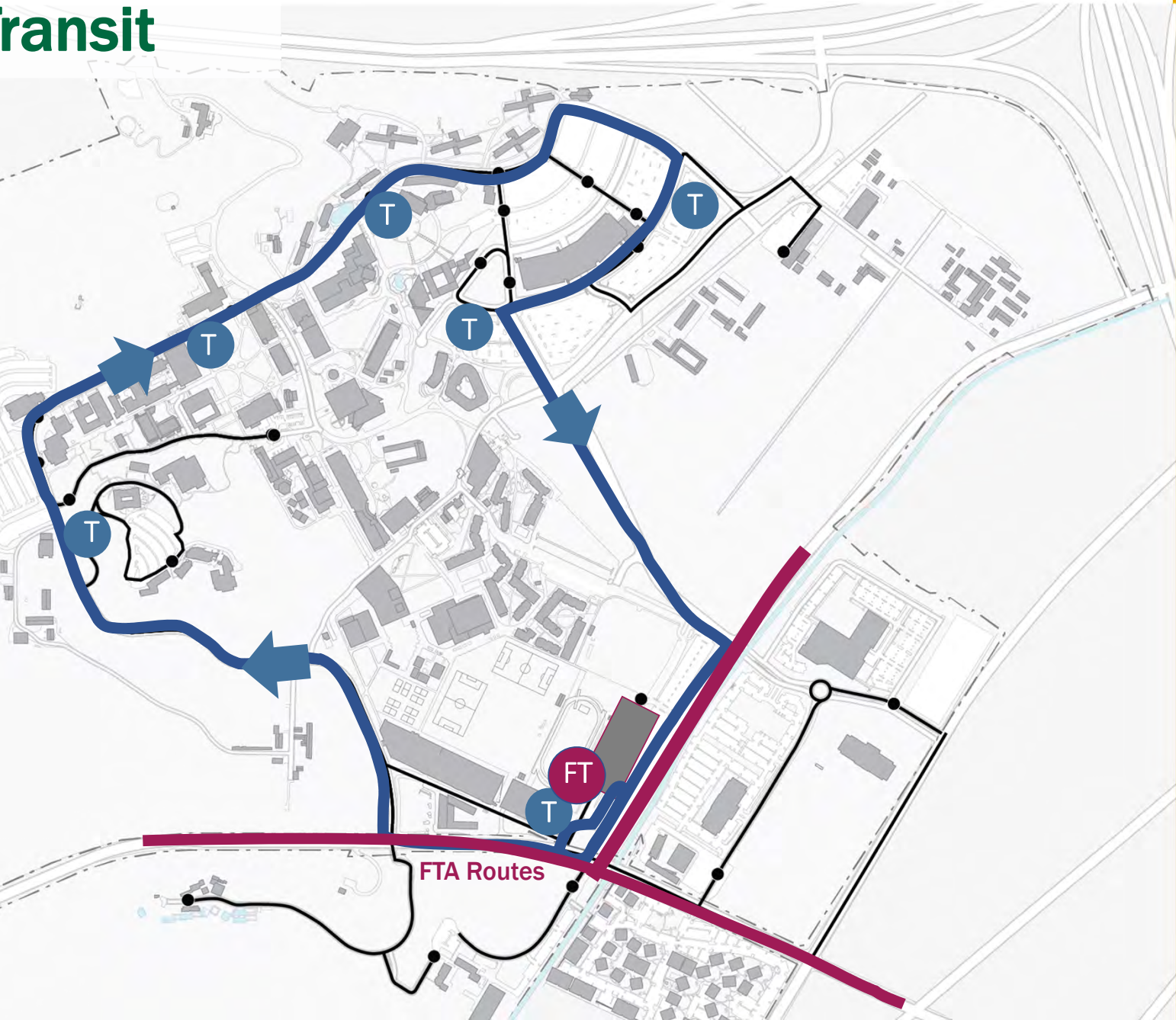


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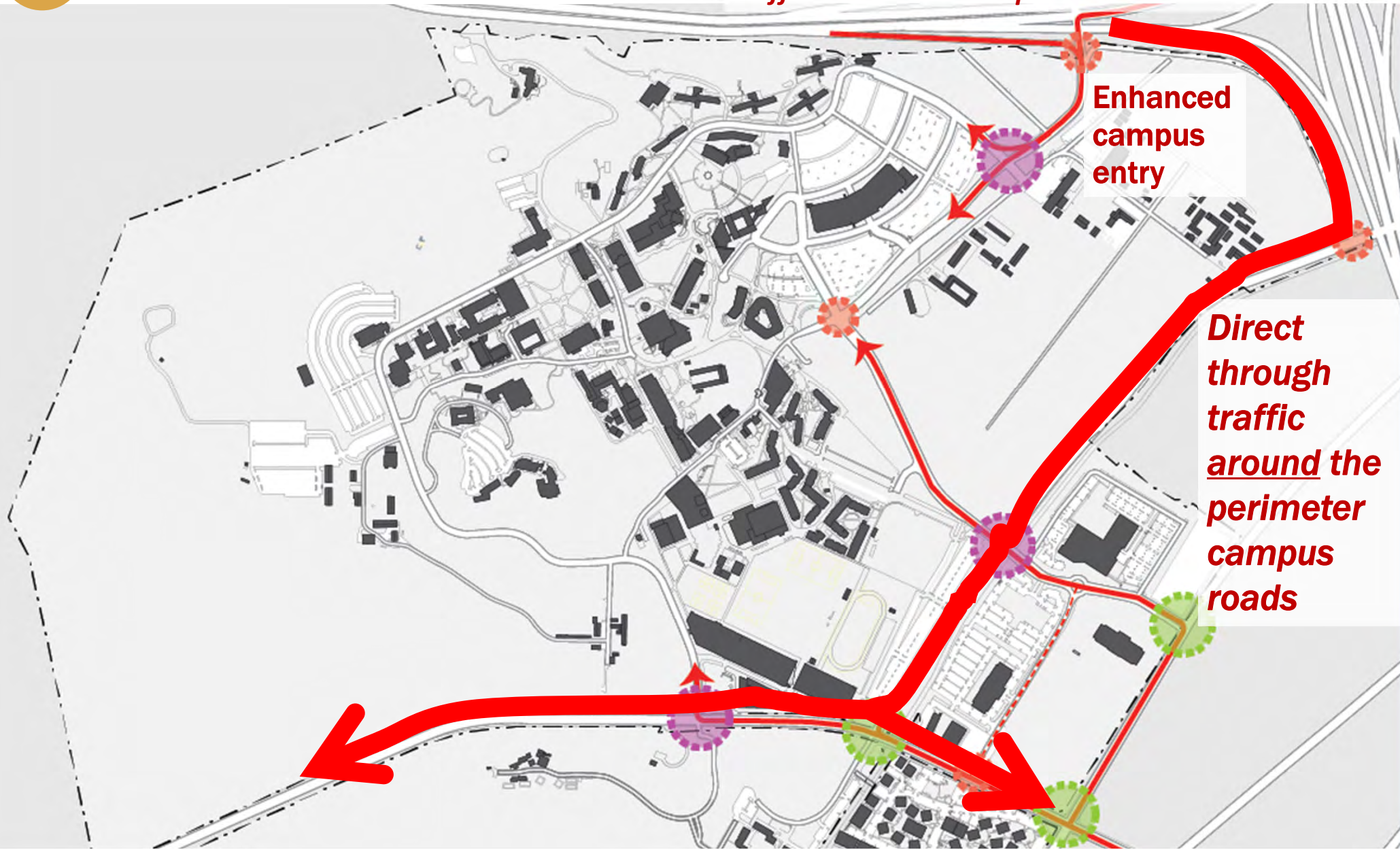
Add a Campus Transit Center with connectivity to major pedestrian routes + parking structures (existing, planned) + connections to regional buses/shuttles





Vehicular Gateways

I-10 exit configuration rebuilt to direct traffic around the campus

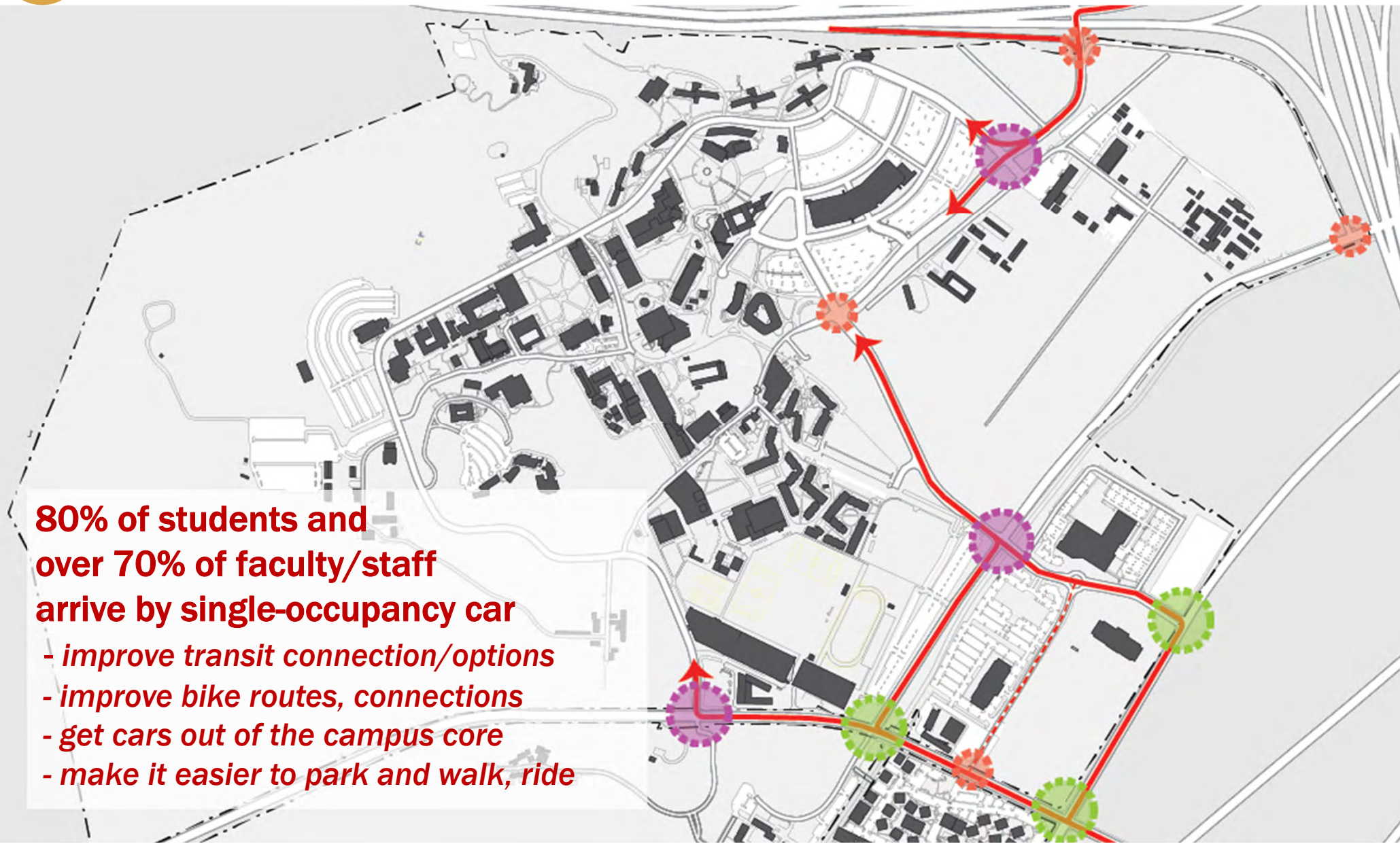


Enhanced campus entry

Direct through traffic around the perimeter campus roads



Vehicular Gateways

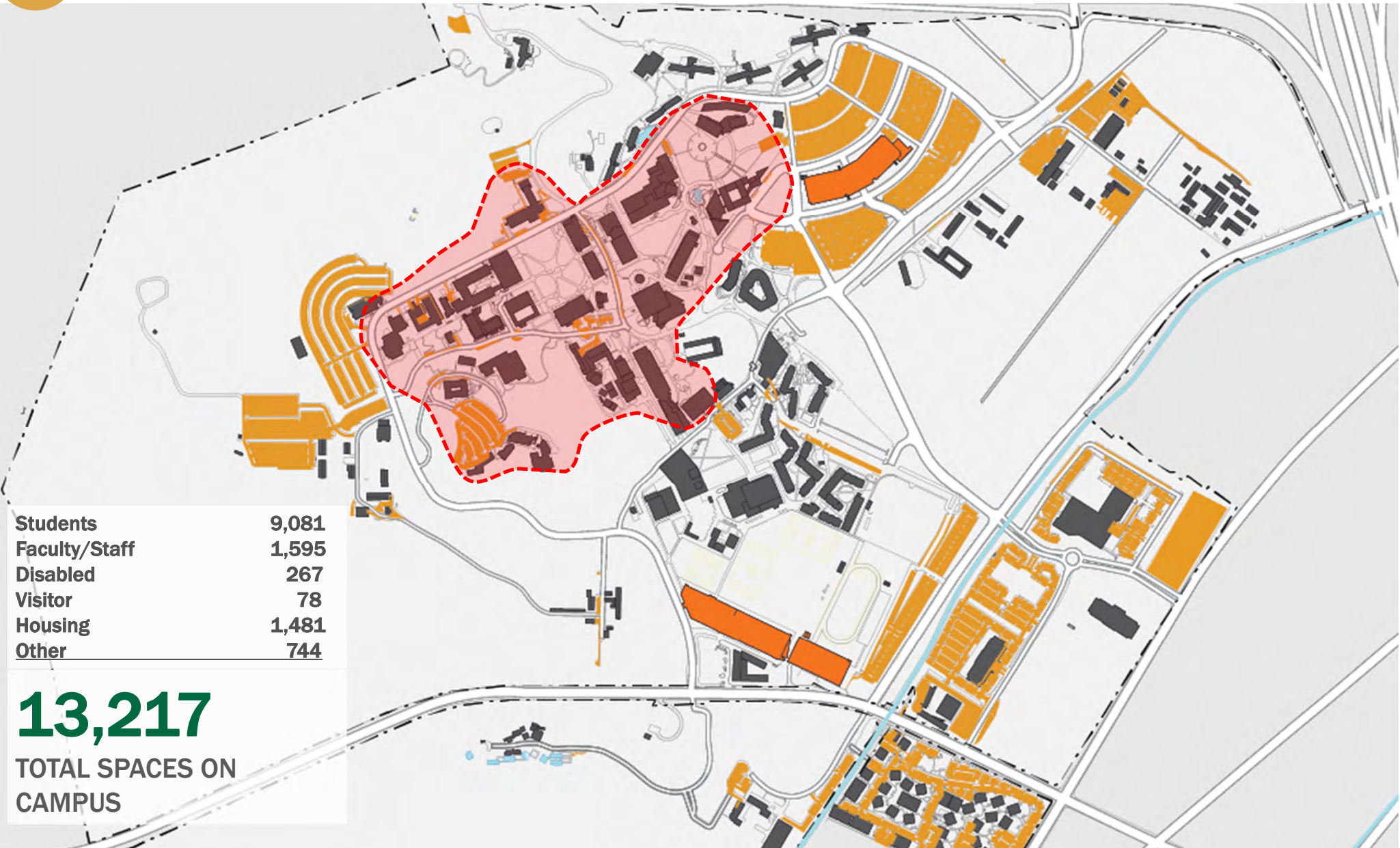


80% of students and over 70% of faculty/staff arrive by single-occupancy car

- *improve transit connection/options*
- *improve bike routes, connections*
- *get cars out of the campus core*
- *make it easier to park and walk, ride*



Campus Land Use - Parking



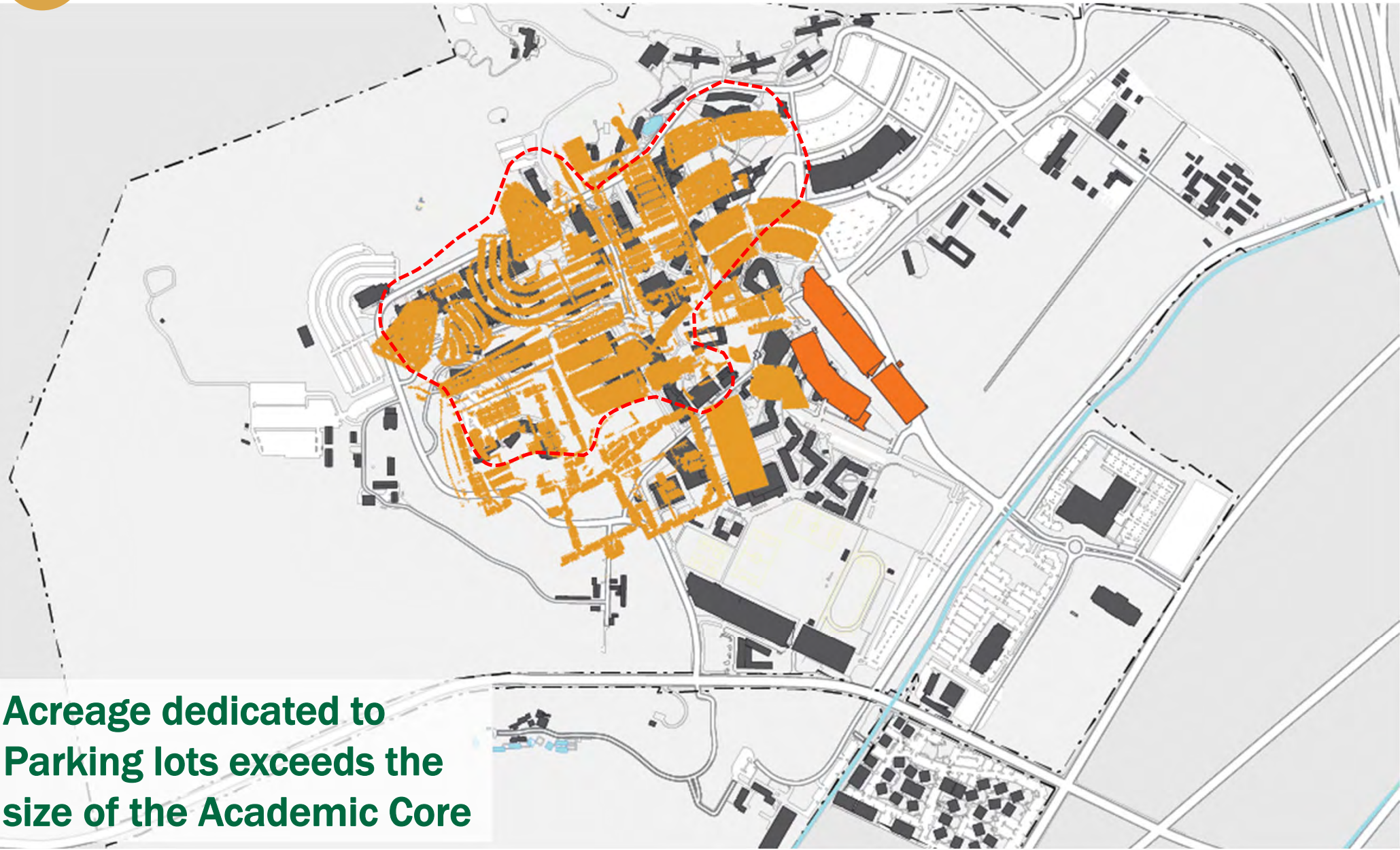
Students	9,081
Faculty/Staff	1,595
Disabled	267
Visitor	78
Housing	1,481
Other	744

13,217

TOTAL SPACES ON CAMPUS



Parking Area Aggregated

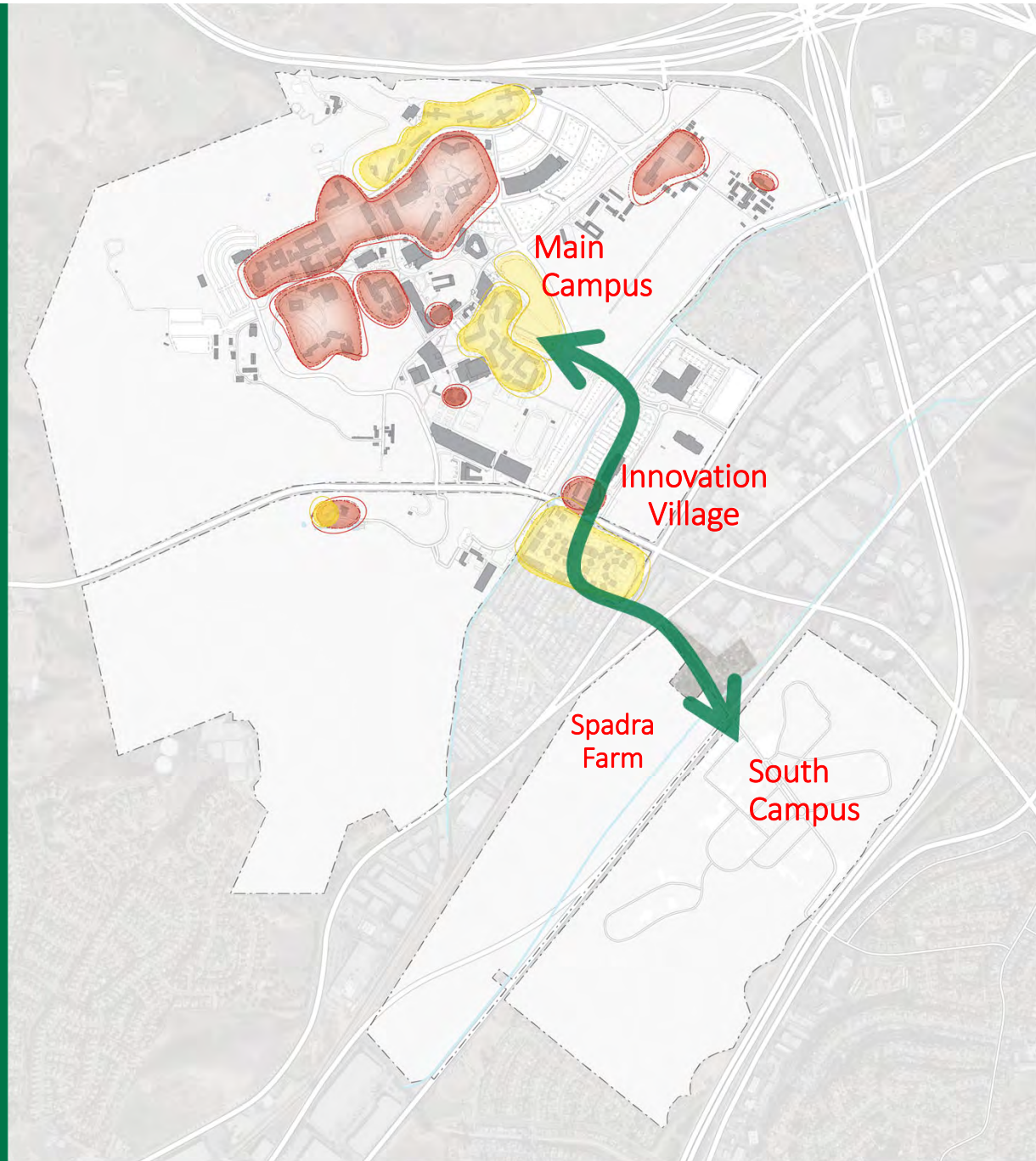


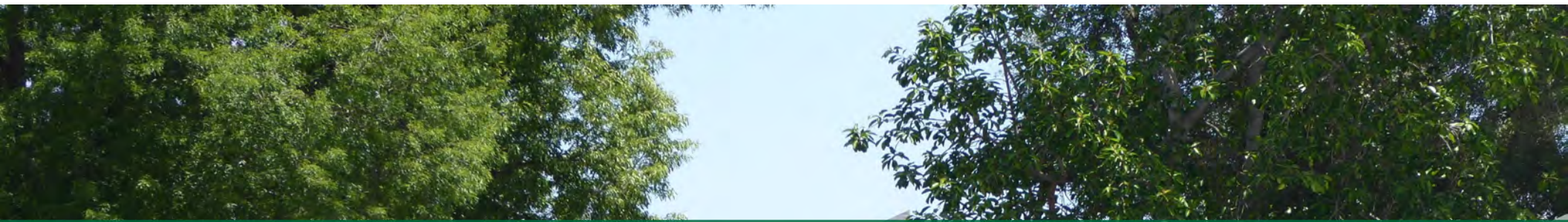
Acreage dedicated to Parking lots exceeds the size of the Academic Core

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.





Listening, discussion Q+A:

- What challenges or opportunities are critical to your community?
- Is there an area of concern that we didn't touch on?



Next Steps

- **Potential Meetings - Focus Sessions** (*in progress*)
 - Transit connections (*local, regional*)
 - I-10 exit/entrance (*directing through traffic around the campus*)
 - Pedestrian/bike infrastructure (*street crossings, regional path connections?*)
 - Storm water management
 - City, State, Federal elected representatives (*informational meetings*)
- **Community Open Listening Session** (*date TBD*)



Thank you!

AYERS
SAINT
GROSS

Cal Poly Pomona Master Plan

<https://www.cpp.edu/~fpm/planning-design-construction/master-plan-2018>