

A photograph of a campus scene featuring large green trees in the foreground and a modern building with a distinctive triangular roof structure in the background.

California State Polytechnic University, Pomona

Master Plan Update

MP Advisory Committee Update

A photograph of a wide, paved pedestrian walkway on a campus. A group of students is walking away from the camera, and two students are walking towards the camera on the left. The path is lined with green trees and bushes.

23 January 2019

AGENDA

23 January 2019

11:45 - 1 pm

1) Master planning process and schedule to completion_

2) Draft Plan: campus wide concepts

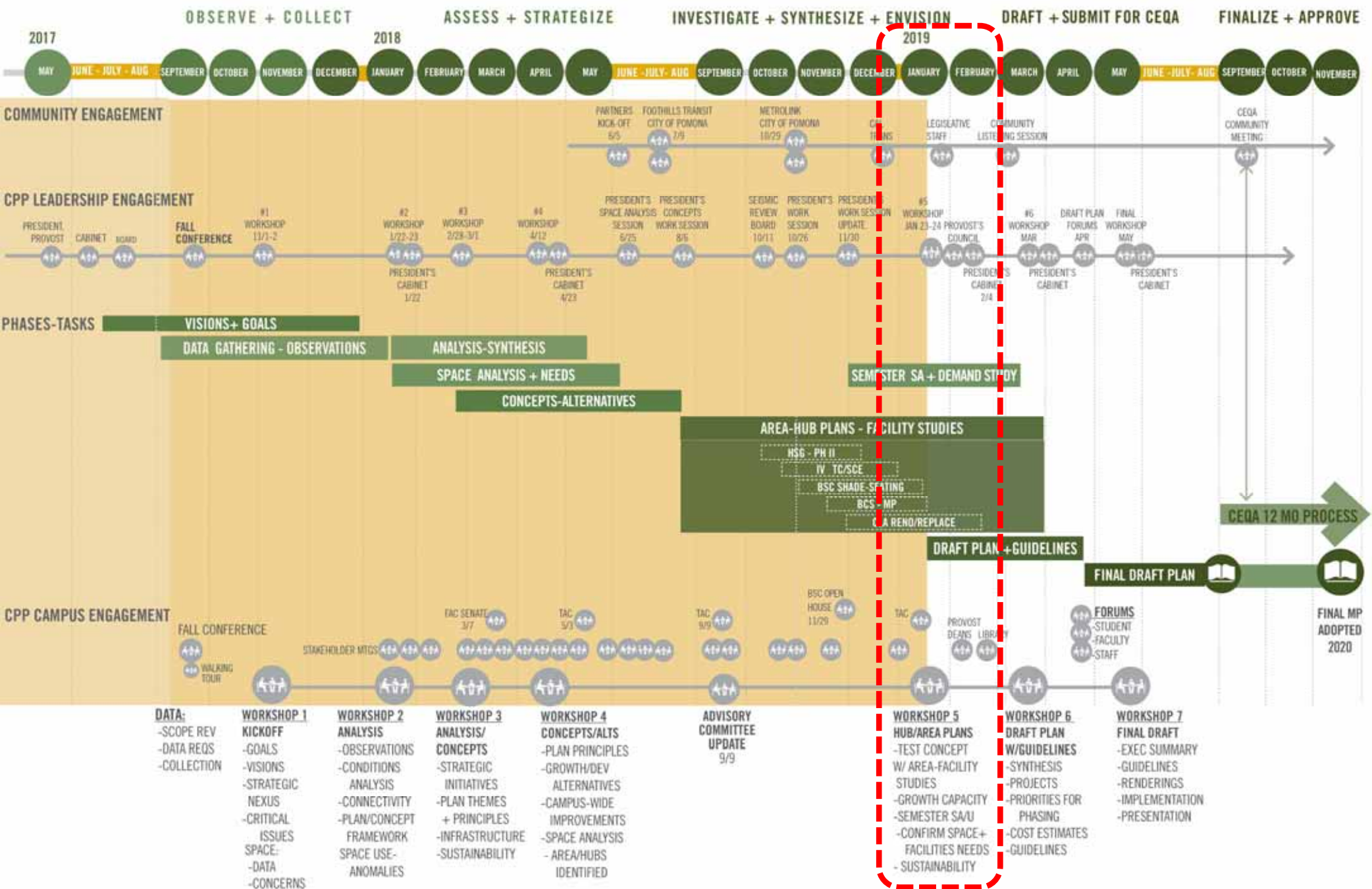
- *expanding pedestrian zone, extend ped-bikeway*
- *campus transit, transit-transportation connectivity, parking*
- *campus entrance from I-10 re-routing through traffic*

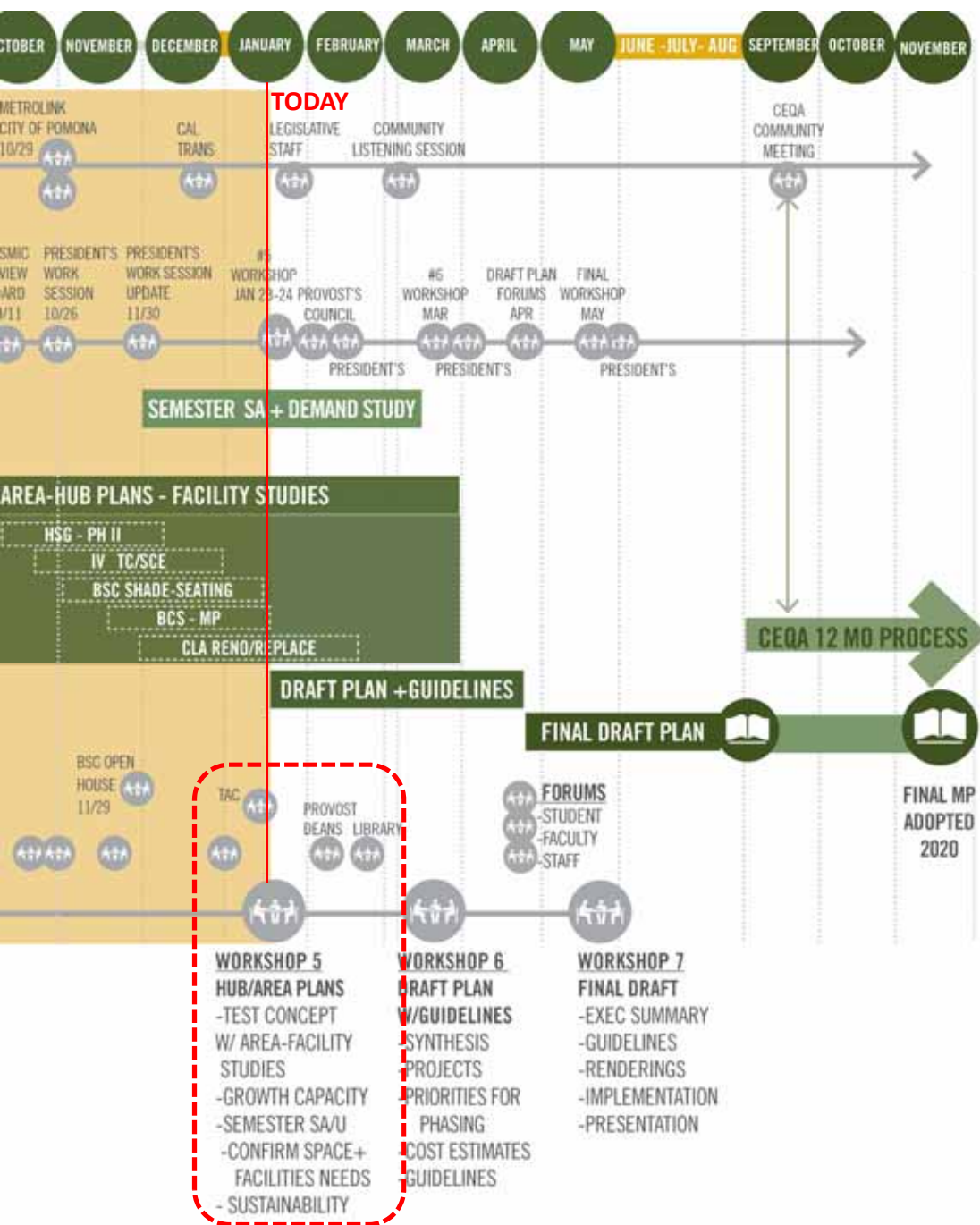
3) Draft Plan: Specific Area-Facility Studies

- *academic space + facilities needs*
- *student life: housing phase 2-3, Health-Wellness Center relocation, Child Care Center relocation*
- *BSC studies, including seating+ shade*

4) Next Steps

- *Community Listening Session – late February?*
- *Workshop #6 - Draft Plan + Guidelines – March*
- *Campus Forums – April*
- *Final Workshop on Draft Plan – May*





Next Steps w/Master Plan Advisory Committee:

Workshop #5: HUB/Area/Facilities Studies- 1/23-24

Focus Sessions:

Transportation (TAC +)
Space findings w/Provost's Council
President's Cabinet Update

Stakeholders: *Library, BSC*

Workshop #6: Draft Plan – March

Focus Sessions:

Guidelines + Sustainability
Semester Space Utilization

Campus Forums on Draft Plan – April

Sessions: students, faculty/staff

Final Workshop - Final Draft Plan – May

Summer 2019:

- Start work for CEQA EIR
- Final Plan documents

Final Master Plan 2020 - CSU approval est late 2020

Next Steps w/Community Partners:

Legislative staff briefing
 Cal Trans concept plan reviews
 Community Listening Session – February?

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.

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



- 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 seismic demo sites (Tower, dorms, dining hall)
- Relocate:
 - *Health + Wellness Center*
 - *Child Care Center*

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?*

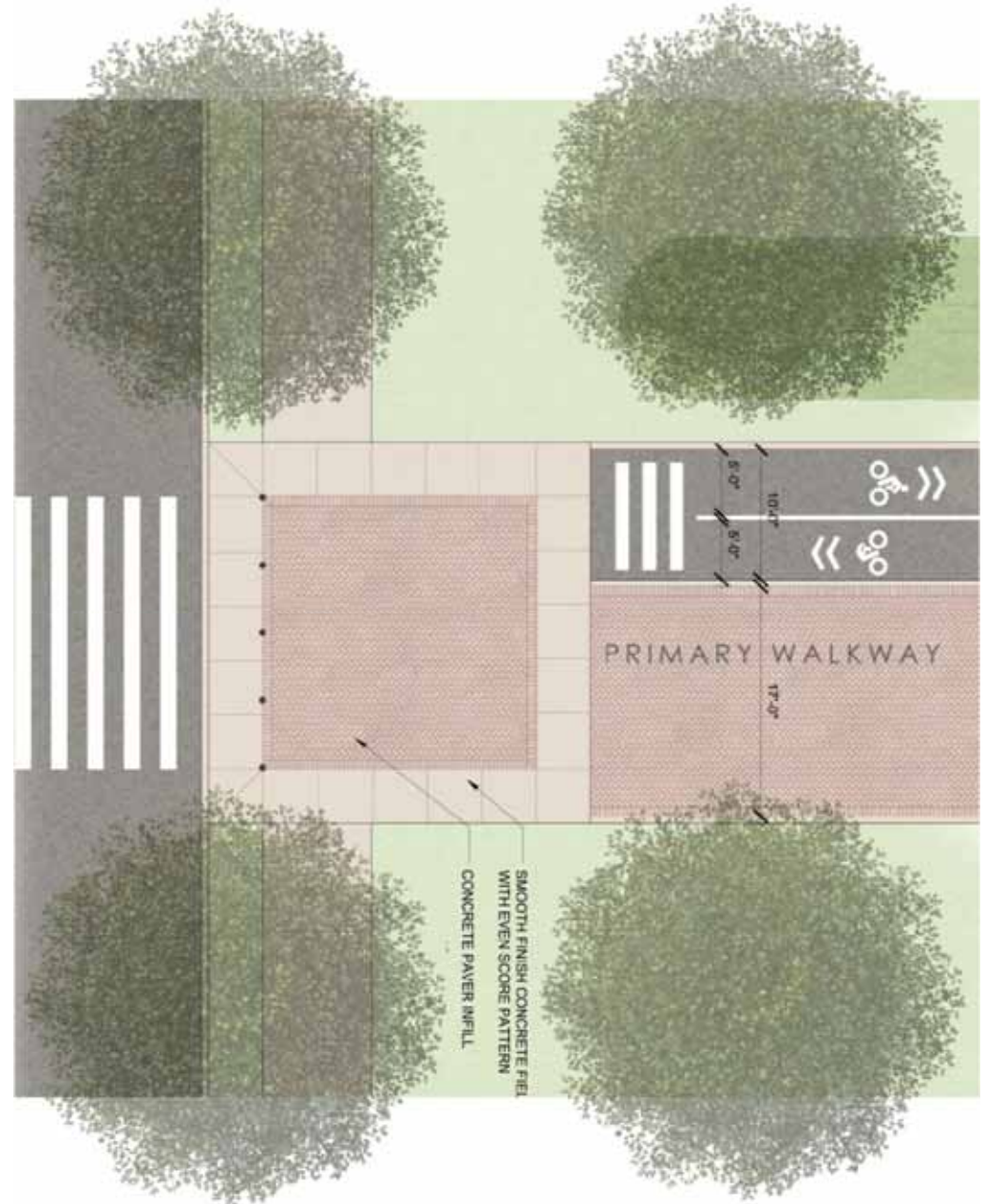
Ped/Bike-Way



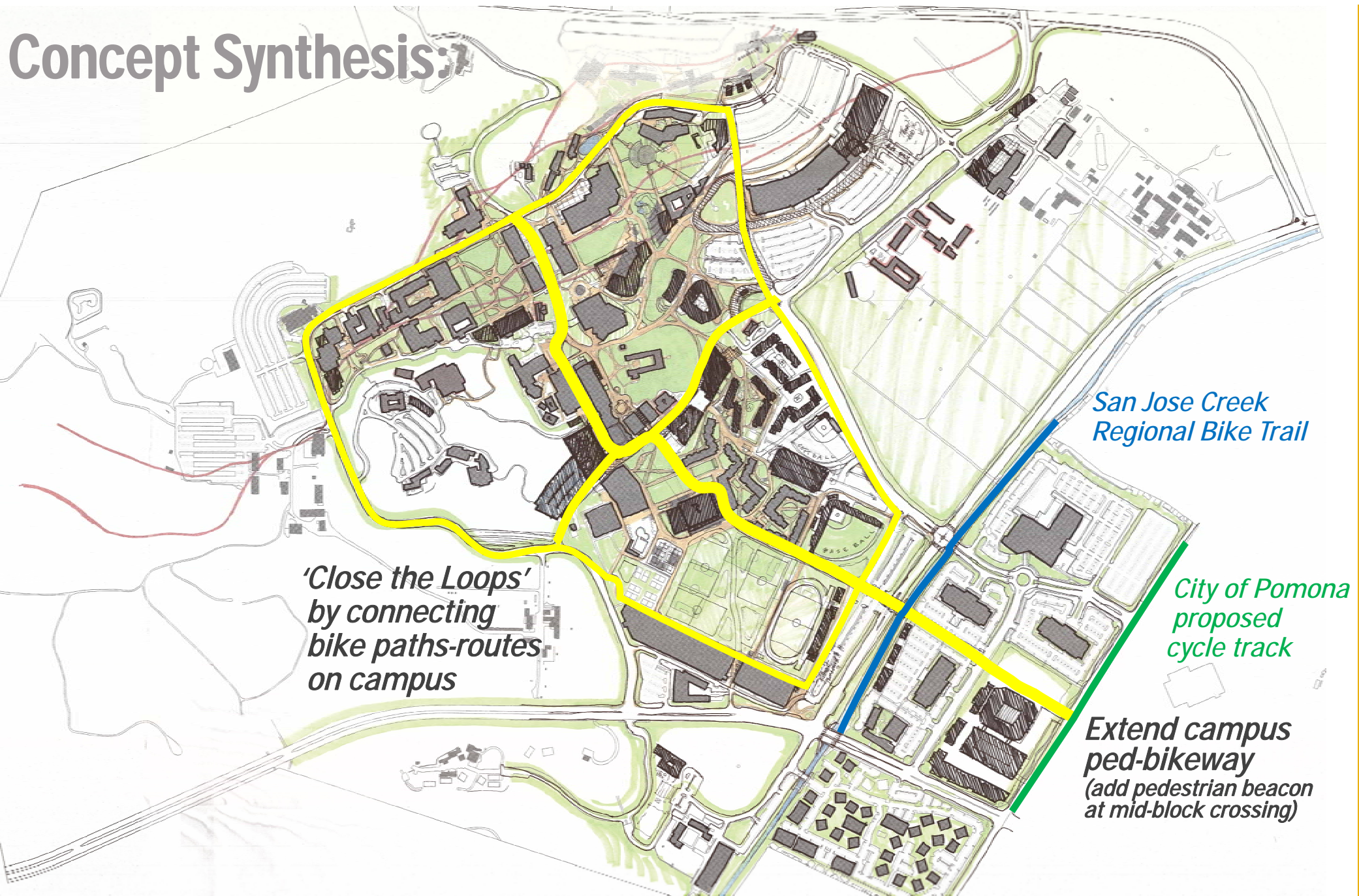
Northern Arizona University Ped-Bike Paths



Design Standards



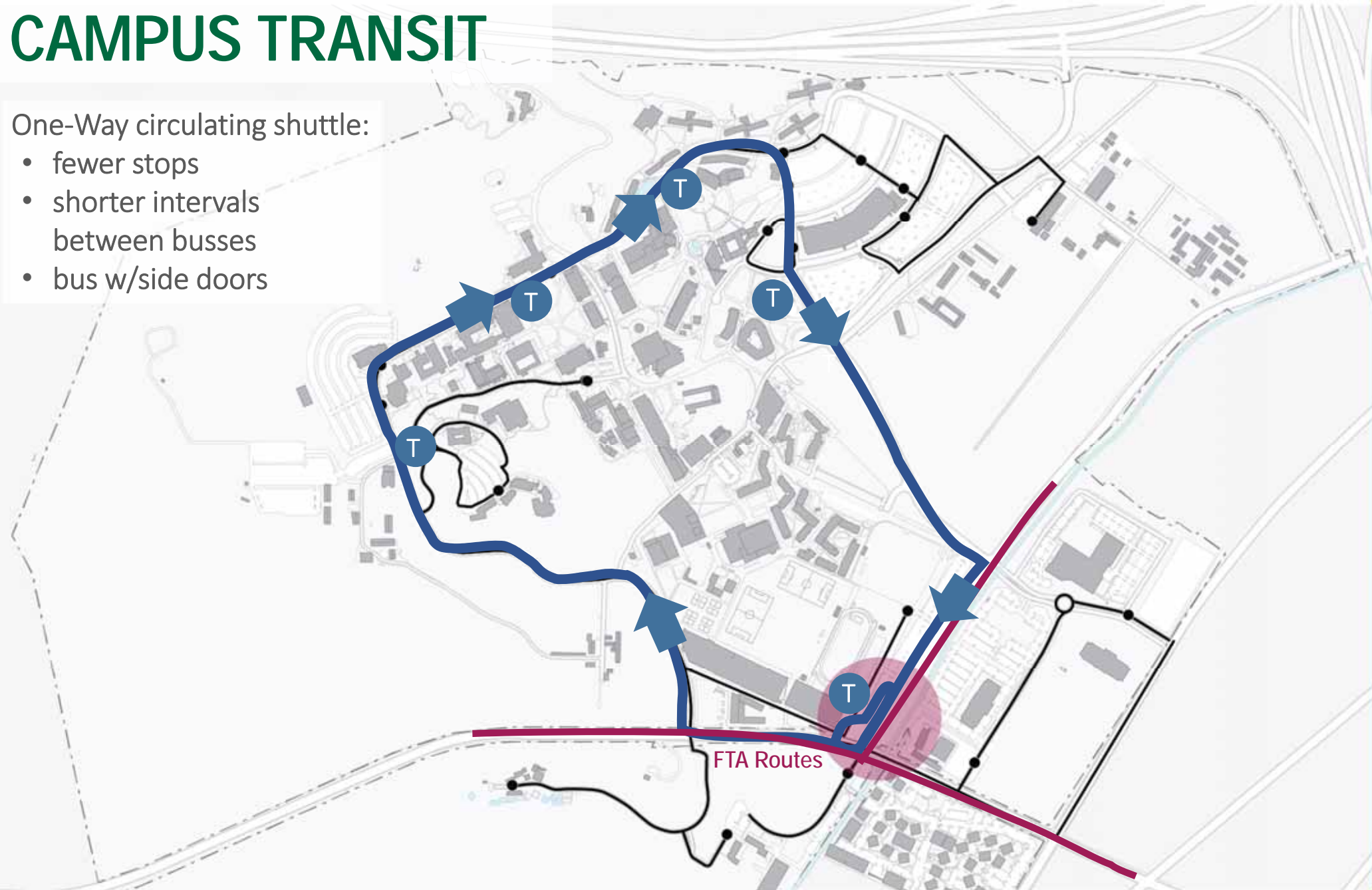
Concept Synthesis:



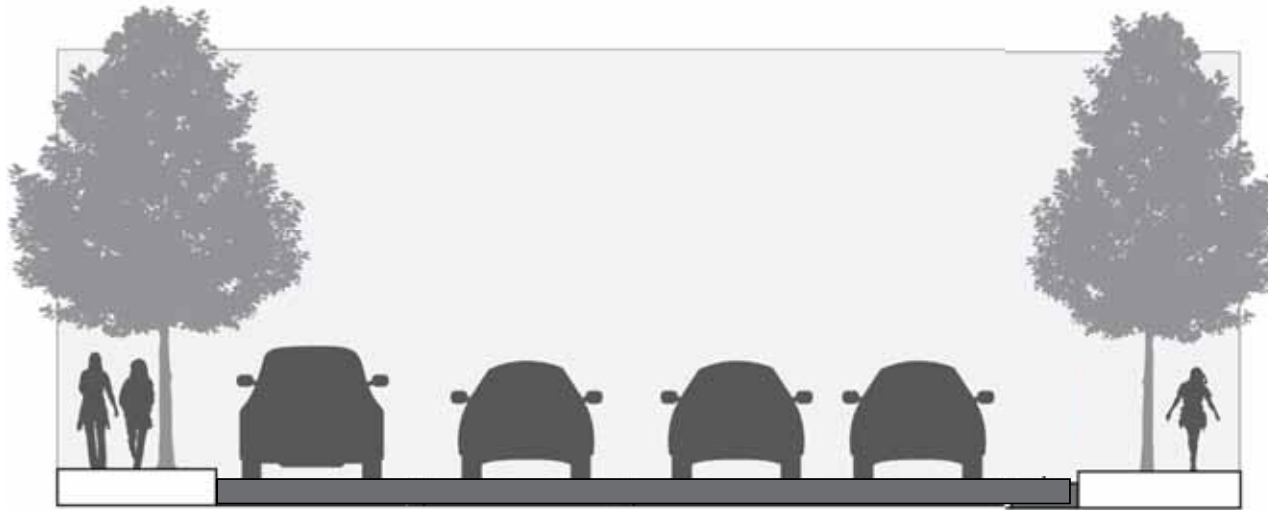
CAMPUS TRANSIT

One-Way circulating shuttle:

- fewer stops
- shorter intervals between busses
- bus w/side doors



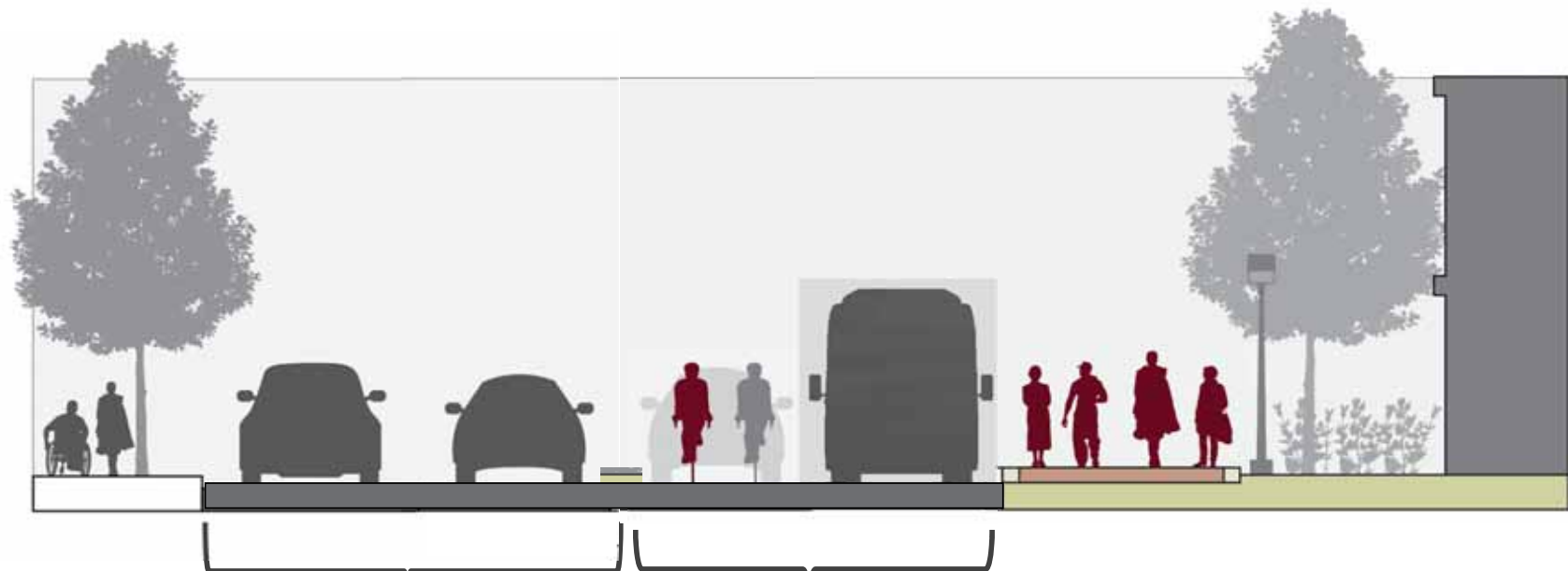
UNIVERSITY DRIVE TRANSFORMATION



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

Street Sections

UNIVERSITY DRIVE TRANSFORMATION



Proposed:

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

1 way transit
+ bikes

widen sidewalks
on south side

Street Sections

Northern Arizona University Transit Mall



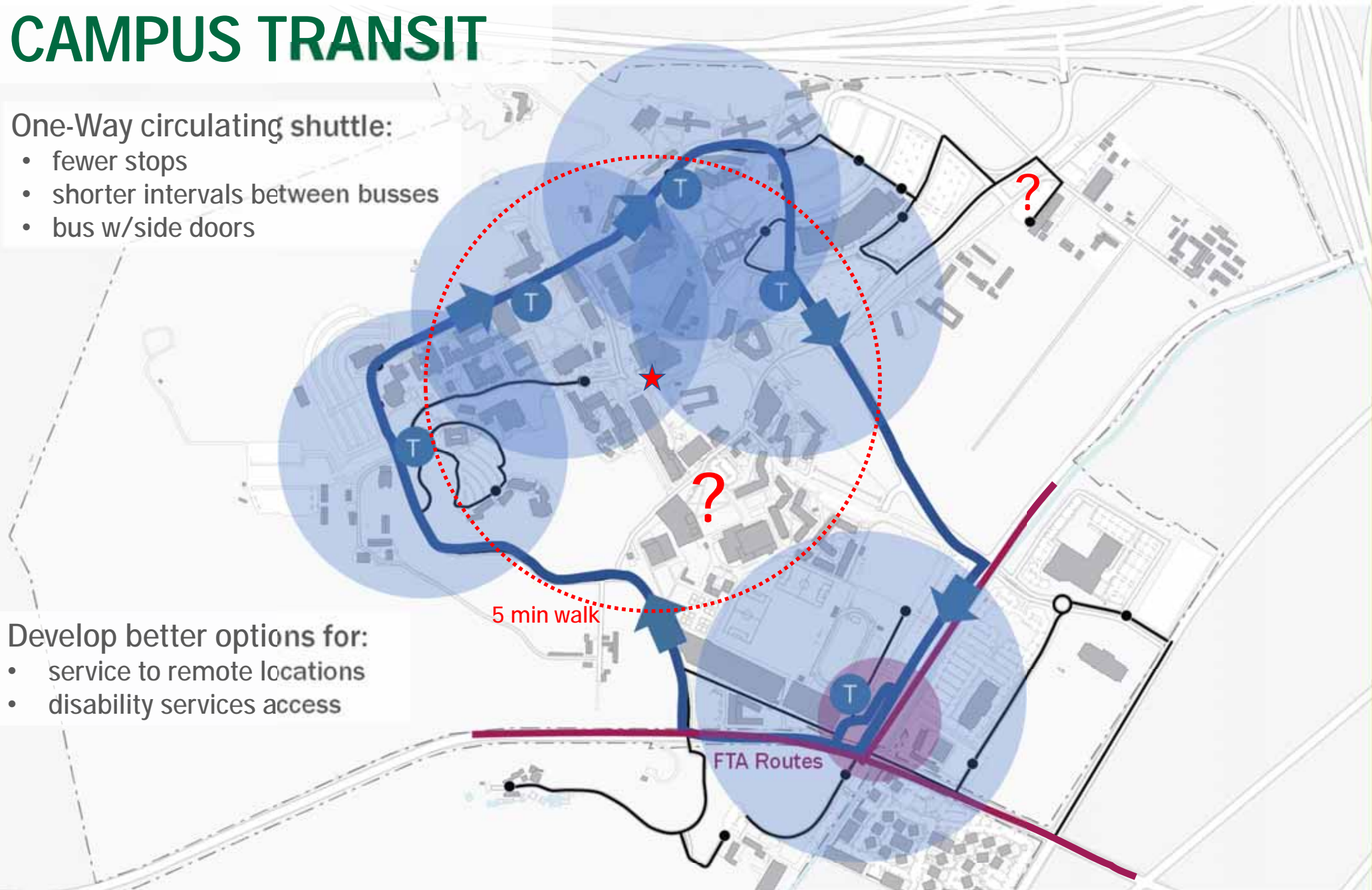
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Develop better options for:

- service to remote locations
- disability services access



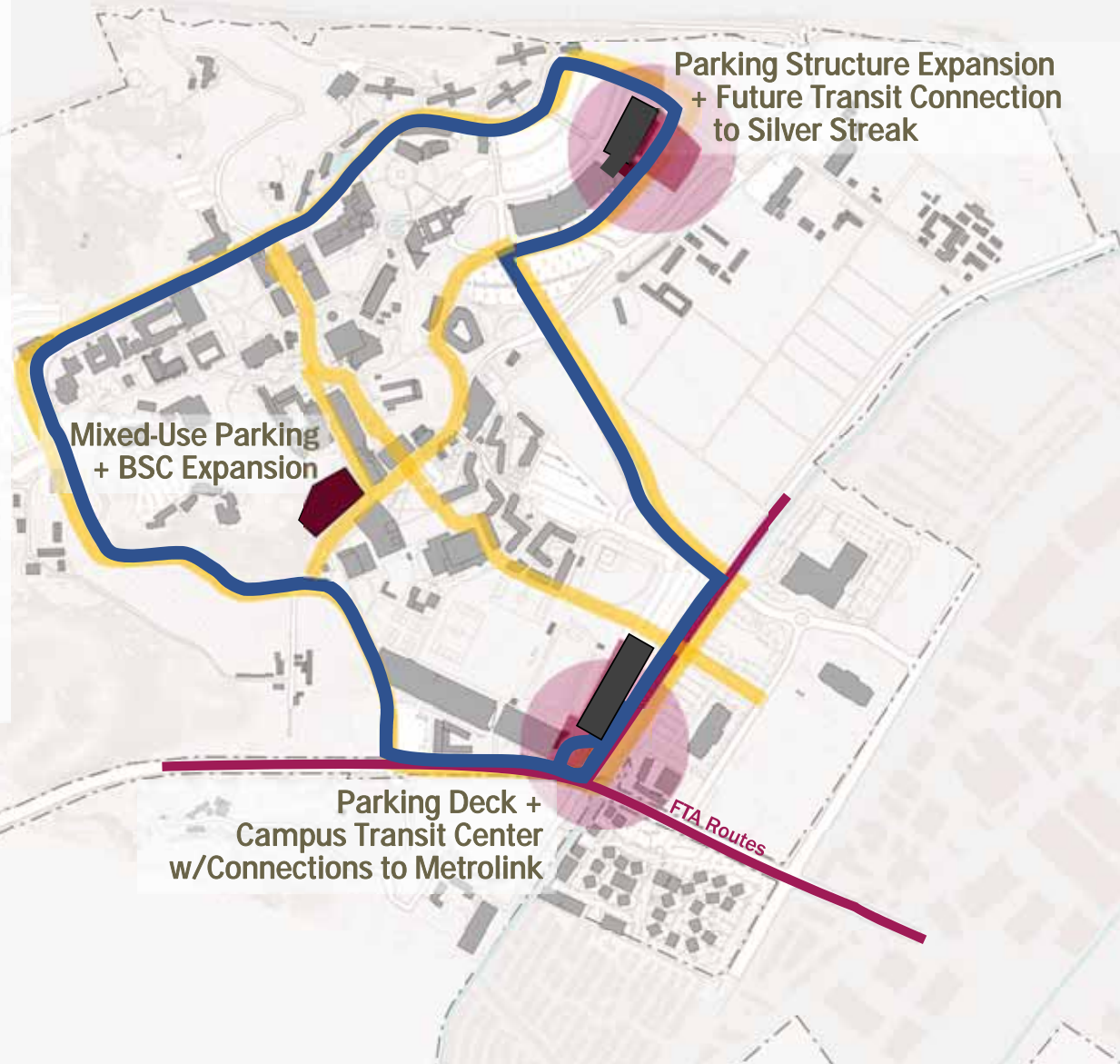
PARKING STRUCTURES + TRANSIT CENTER SITES

Transit Center:

- On-campus shuttles
- Local/regional busses
- Metrolink shuttles
- Auto + bike share hub
- Uber/Lyft circle
- Connect to parking

Should include:

- Safe sheltered waiting
- Real-time tracking
- Transit information
- Purchase passes



PARKING STRUCTURES + TRANSIT CENTER SITES

Parking Structure Expansion
+ Future Transit Connection
to Silver Streak

Mixed-Use Parking
+ BSC Expansion

Parking Deck +
Campus Transit Center
w/Connections to Metrolink

FTA Routes

Future
Metrolink
Station

SCORE

- Metrolink Partnership w/BNSF
- 10 yr, \$10 B
- Phase 1 funded for SB-Las Dimas line
- 2 trains/hr both ways, all day
- Pomona North Station
- Shift of freight to UP rail corridor opens door for Metrolink on BSNF corridor along Valley

PARKING STRUCTURE + TRANSIT CENTER



Campus-wide systems

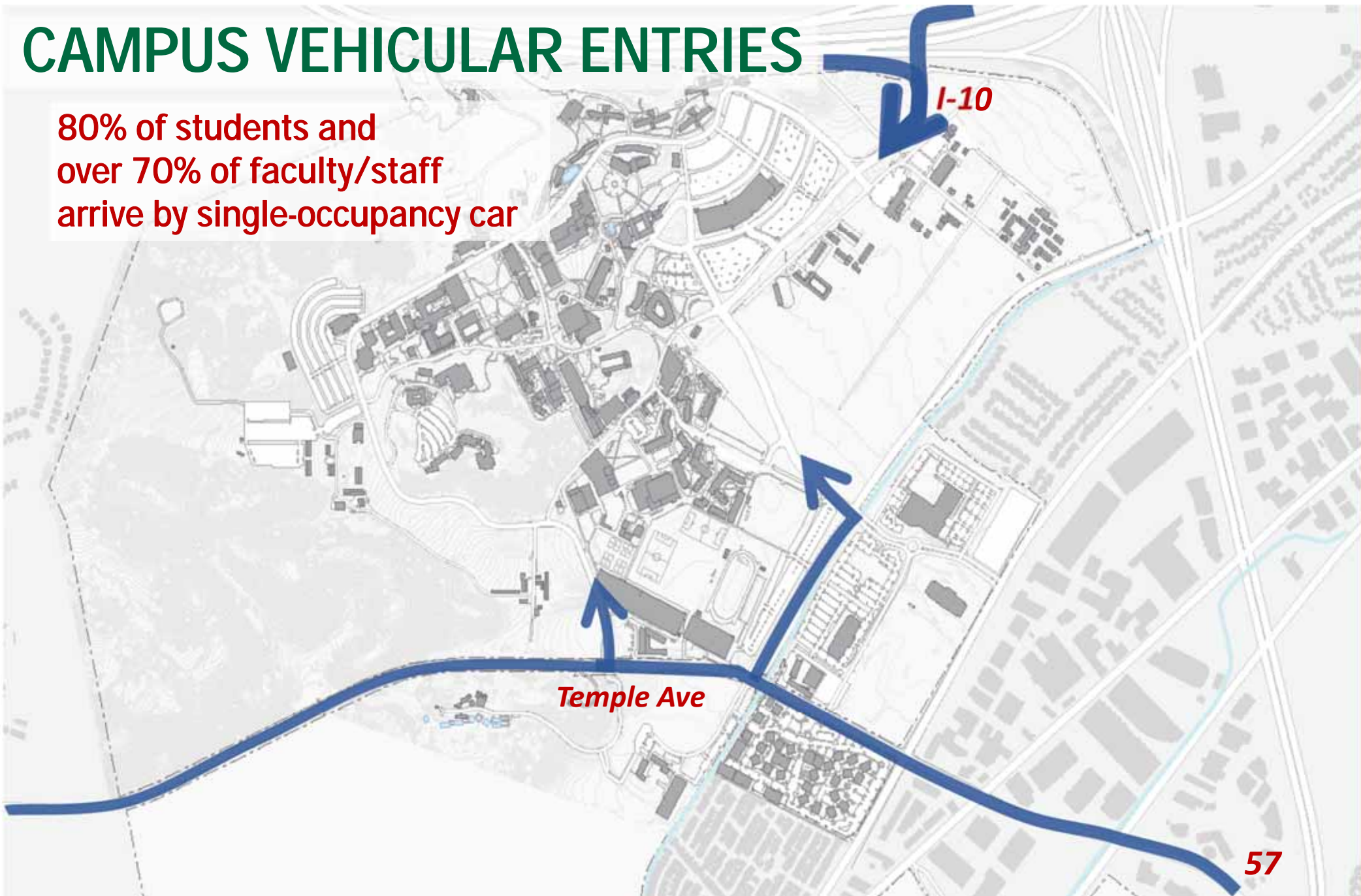
Concepts

Synthesis + Study-Analysis

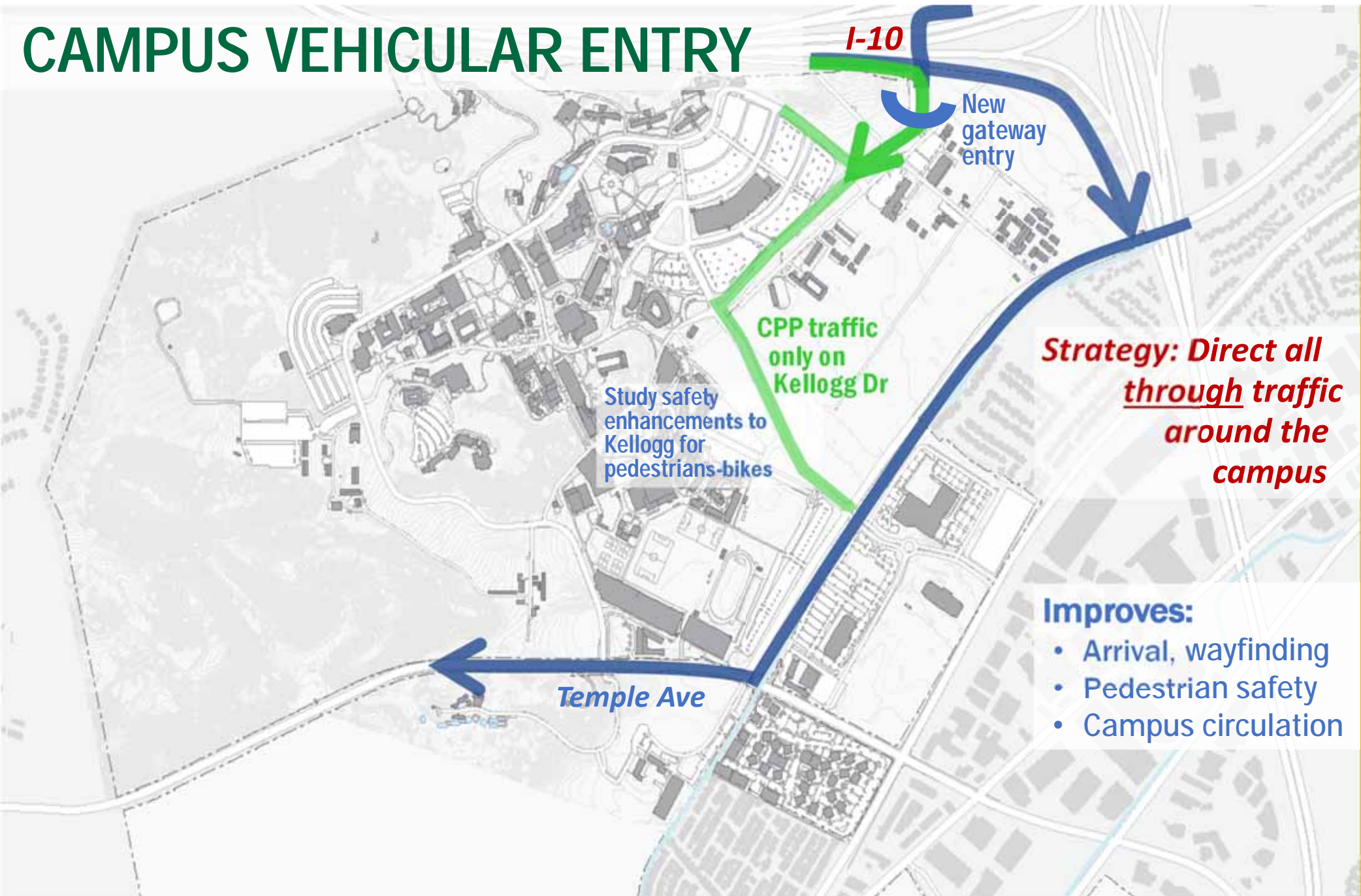
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- **Parking Structures** – *@ BSC-theater?, @ expand existing PS#1, @ New Kellogg Fieldhouse?*
- **Campus Entries** - *redirect non-Cal Poly through traffic around the campus*

CAMPUS VEHICULAR ENTRIES

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



CAMPUS VEHICULAR ENTRY



Strategy: Direct all through traffic around the campus

Improves:

- Arrival, wayfinding
- Pedestrian safety
- Campus circulation

CHP BALDWIN PARK FACILITY



Cal Trans Meeting 12/18:

- No major safety concerns
- 4-way stop is low cost
- Permit review is based on cost, so expedited option is feasible
- CHP has budget to support East Campus Drive improvements
- Cal Trans requested engineering concept drawings for further review

Specific Area-Facility Studies

Concepts

Synthesis + Study-Analysis

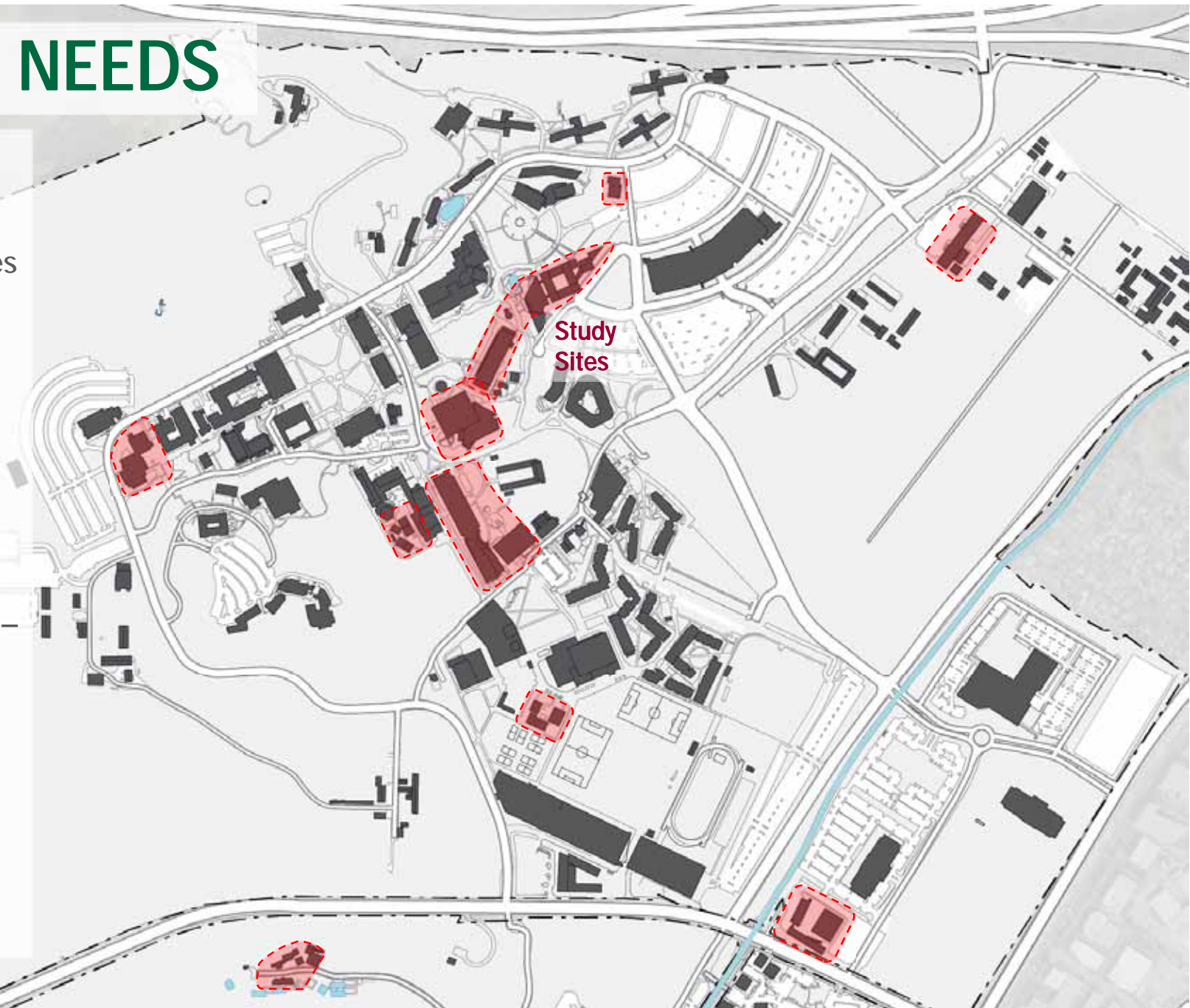
- Academic
 - *needed upgrades, replace temporaries?, library-learning commons*
 - *shared instruction + student success resources*
 - *accommodating future growth / change? -- need semester utilization analysis*

ACADEMIC NEEDS

- Instructional Space, especially labs, flex studios, and shared project space resources
- Expanded Library Learning Commons

Facilities Decisions:

- CLA – renovate or replace?
- Eng/Art Annex – renovate, expand?
- Interim Design Center – expand or reconsider, consolidate?
- BSC + Bookstore renovate, expand
- Solutions to eliminate 'temporaries' for instructional space

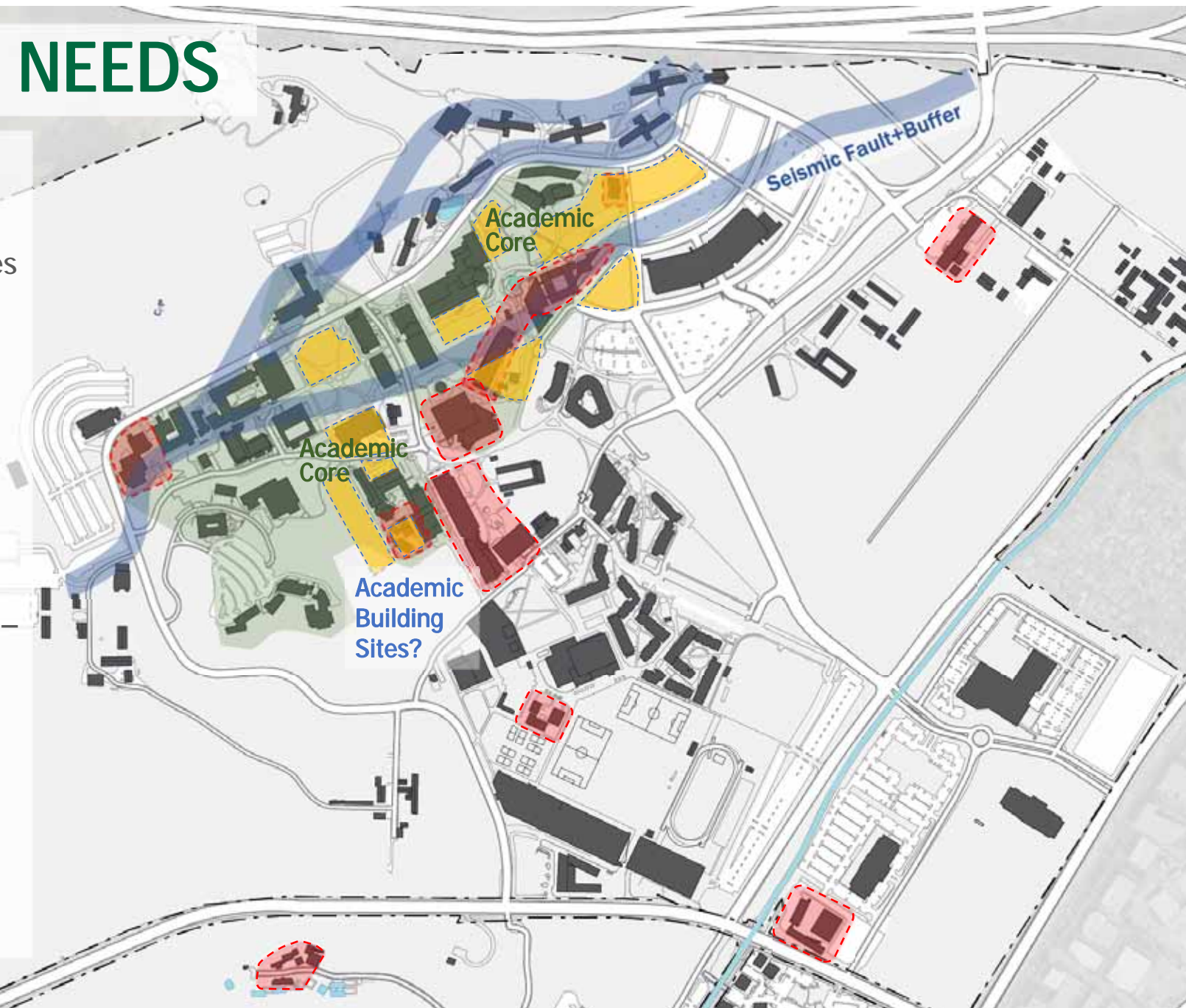


ACADEMIC NEEDS

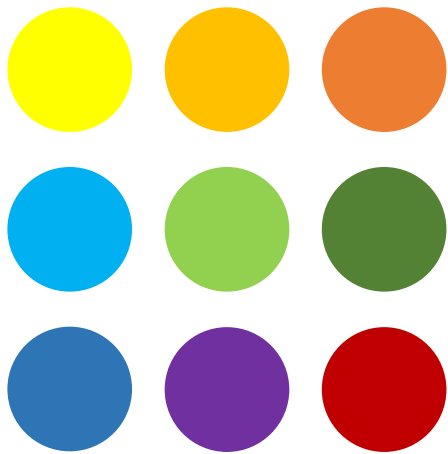
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TRANSFORM NEIGHBORHOODS INTO HUBS

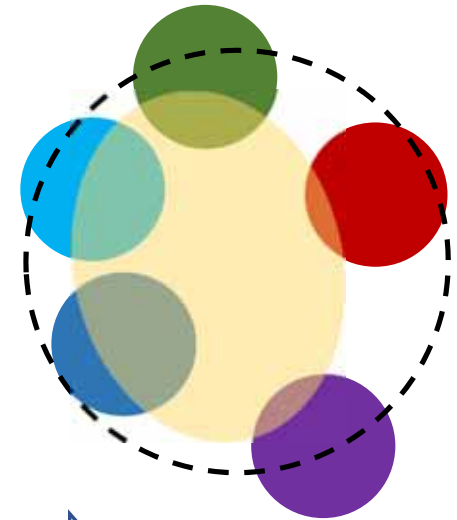


Neighborhoods



Intersections

*Sponsor interdisciplinary activity
+ opportunities for collaboration*



Hubs

PLANNING FOR HUBS

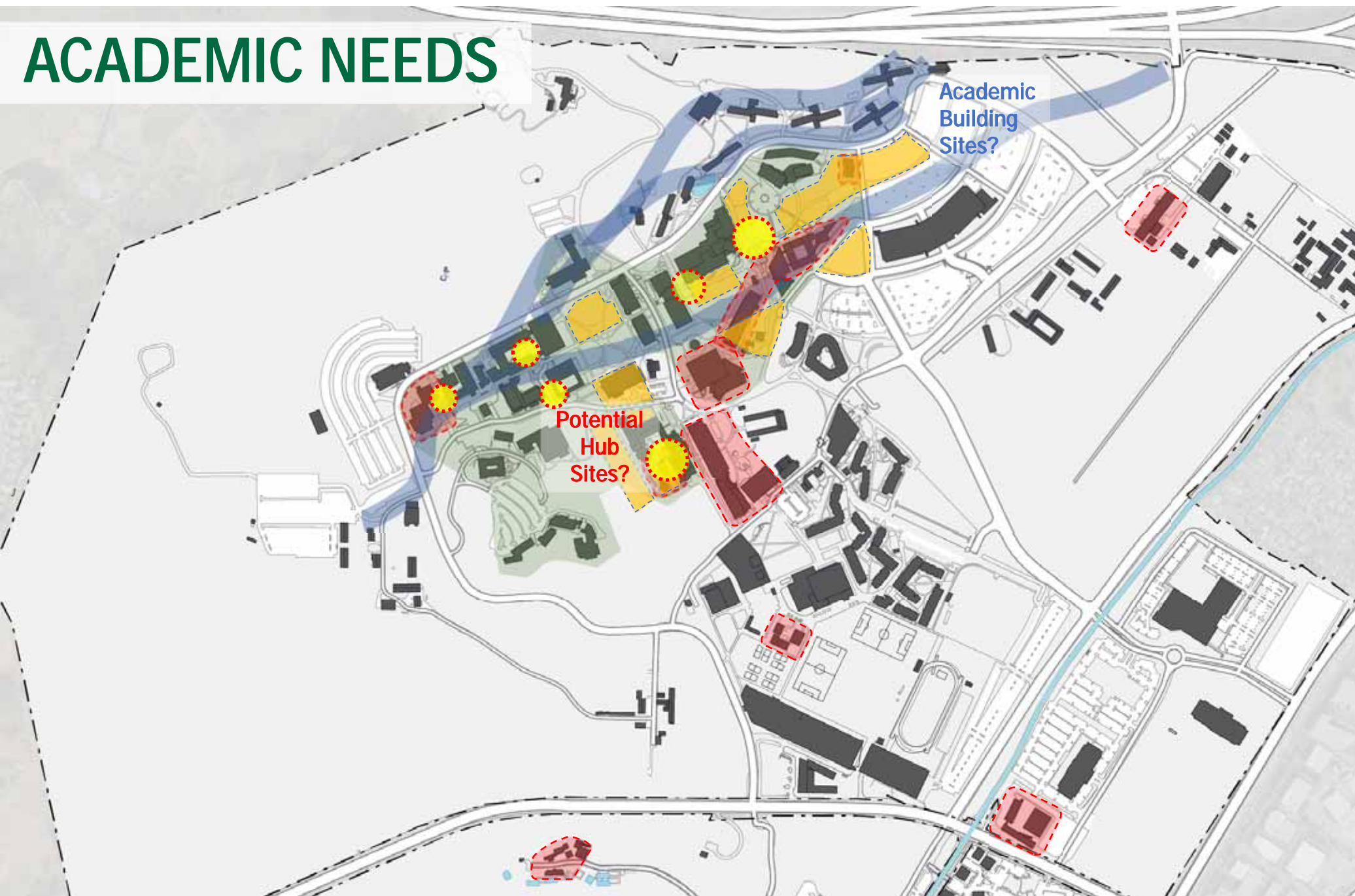
Non-siloed resources + ample interdisciplinary space is the key to making this work.

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

Identify opportunities for smaller, intermediary spaces, perhaps creating 'connecting' spaces between existing building?



ACADEMIC NEEDS



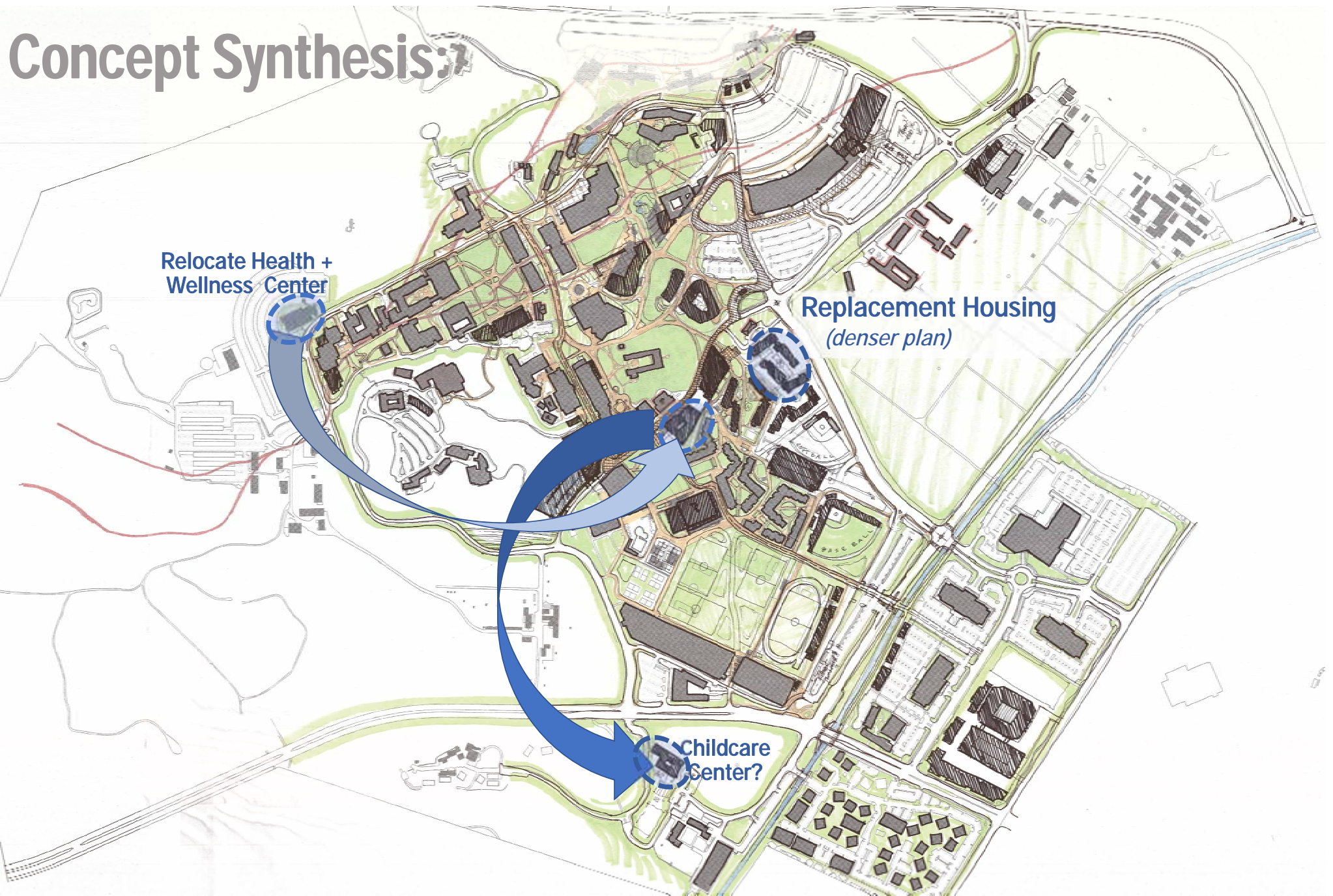
Campus-wide systems

Concepts

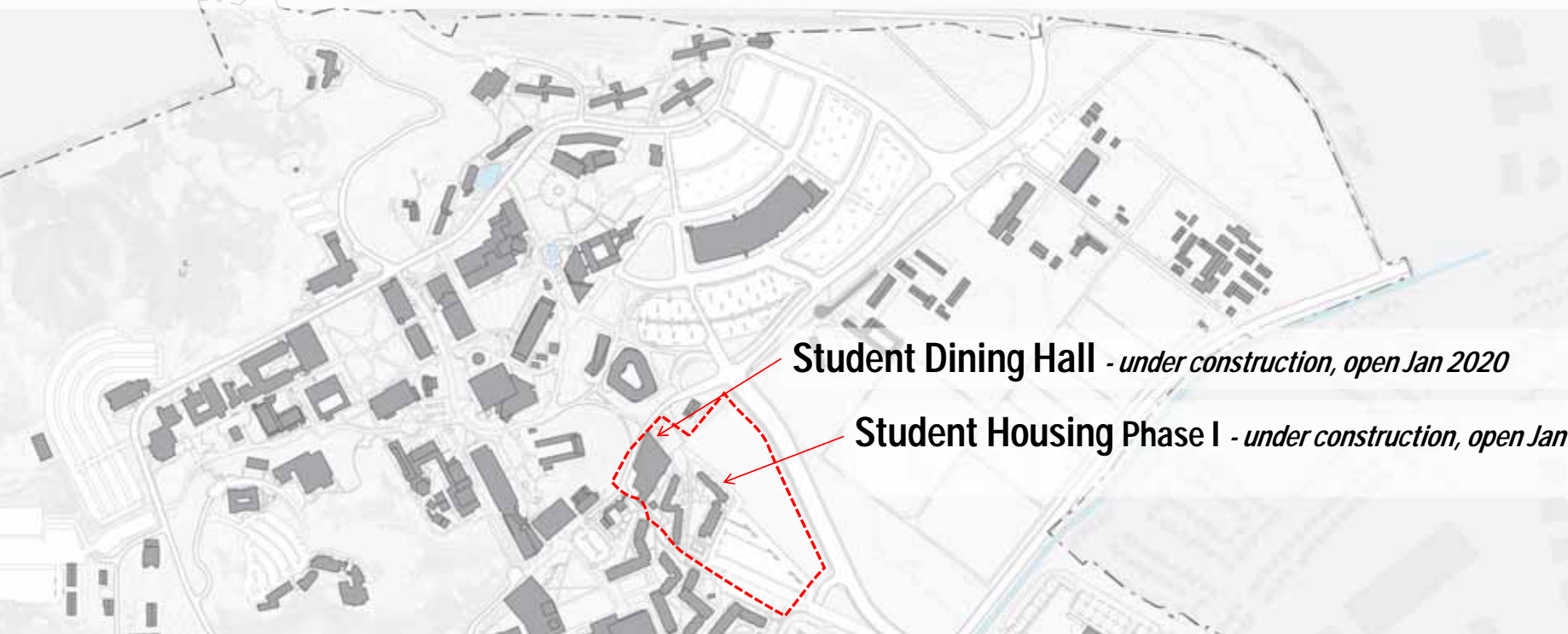
Synthesis + Study-Analysis

- 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 Fieldhouse (arena + event center)*
 - *track/field*
 - *future softball*

Concept Synthesis:



Student Housing Replacement Project – Phase 1



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

Student Housing Phase I - *under construction, open Jan 2020*

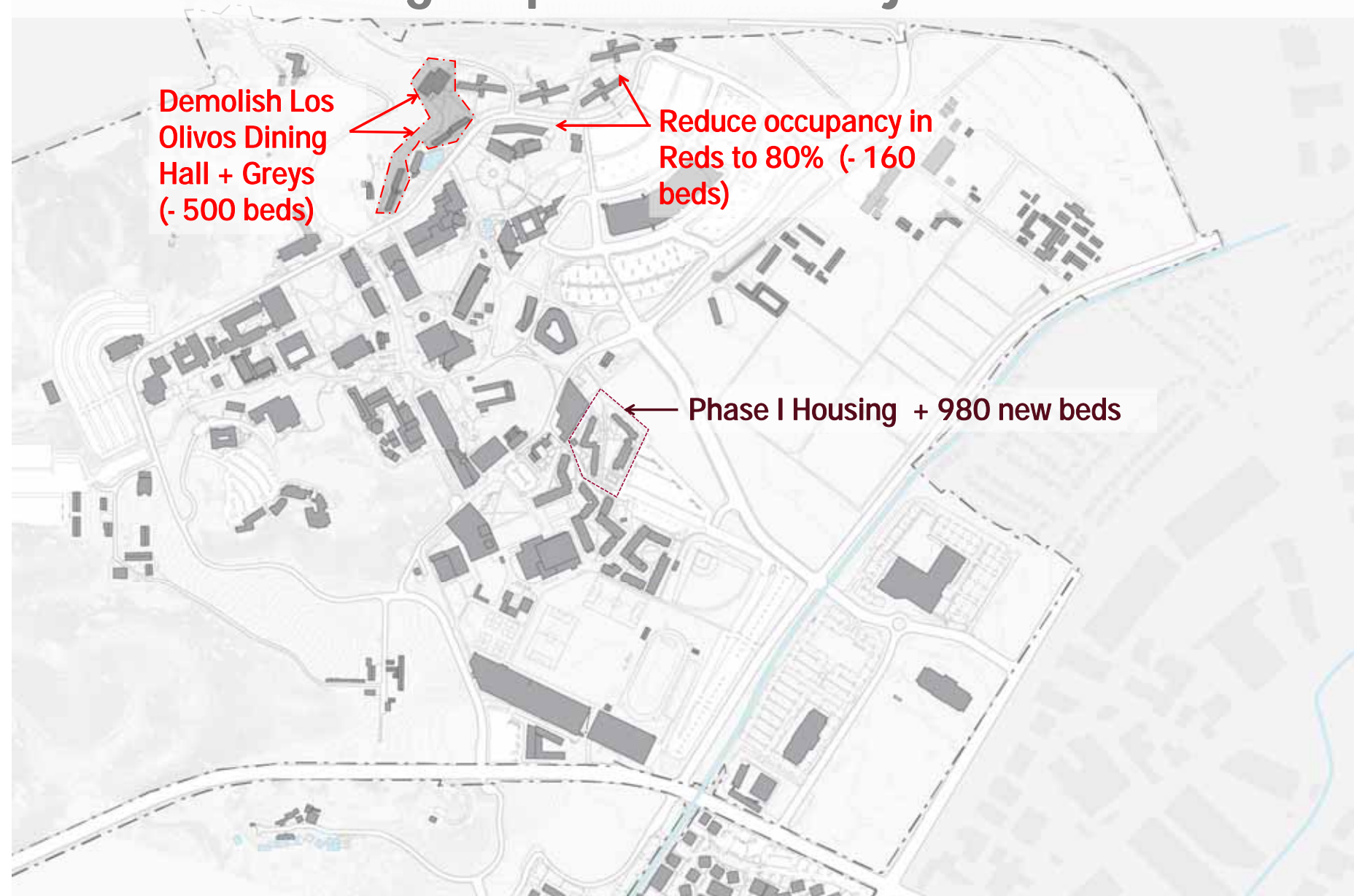


Student Housing Replacement Project – Phase 1

Demolish Los
Olivos Dining
Hall + Greys
(- 500 beds)

Reduce occupancy in
Reds to 80% (- 160
beds)

Phase I Housing + 980 new beds



Student Housing Replacement Project – Phase 2

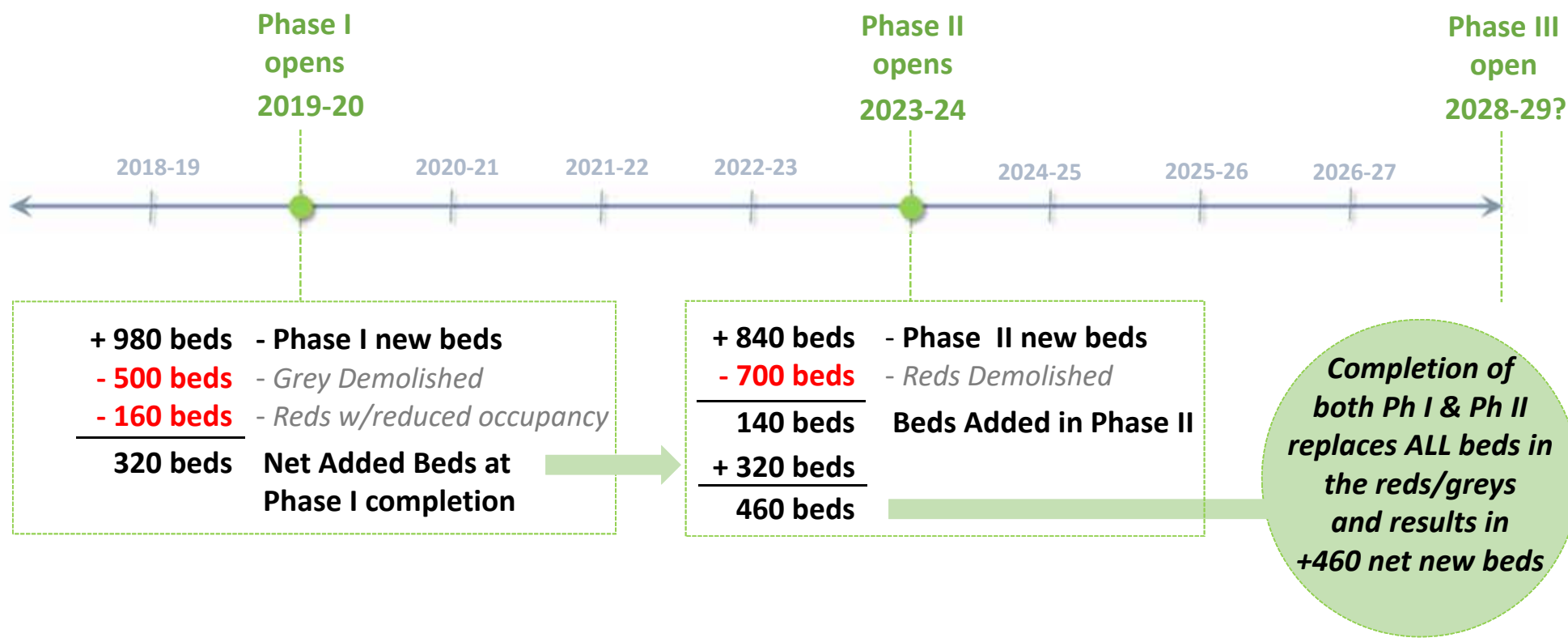


Remaining 700 beds Reds to
be demolished in 2023-24

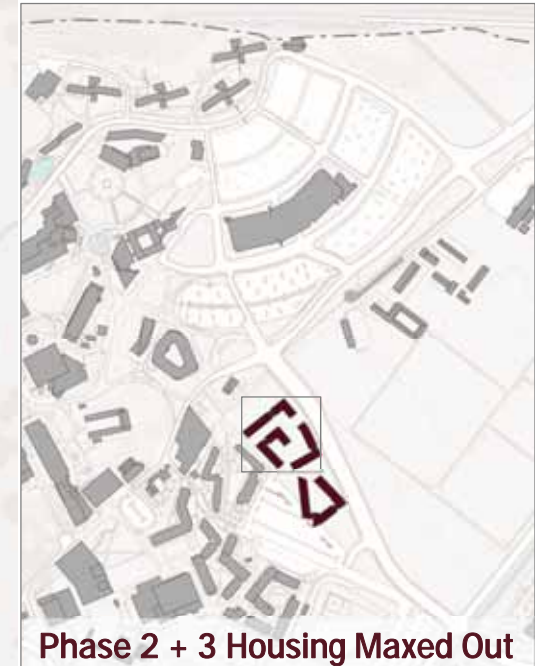
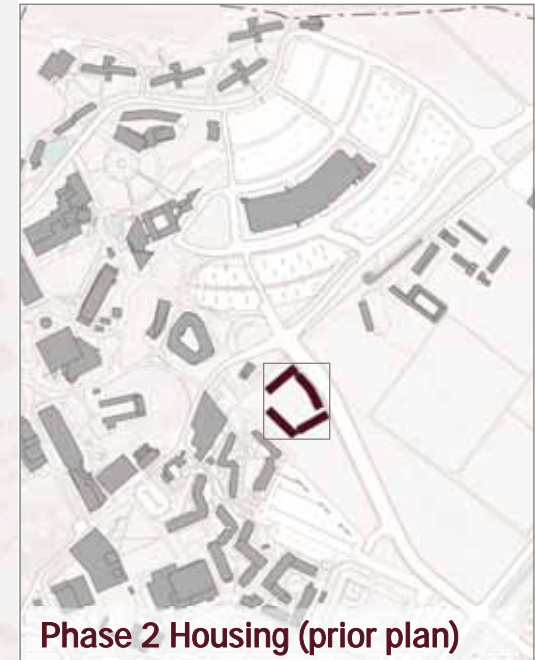
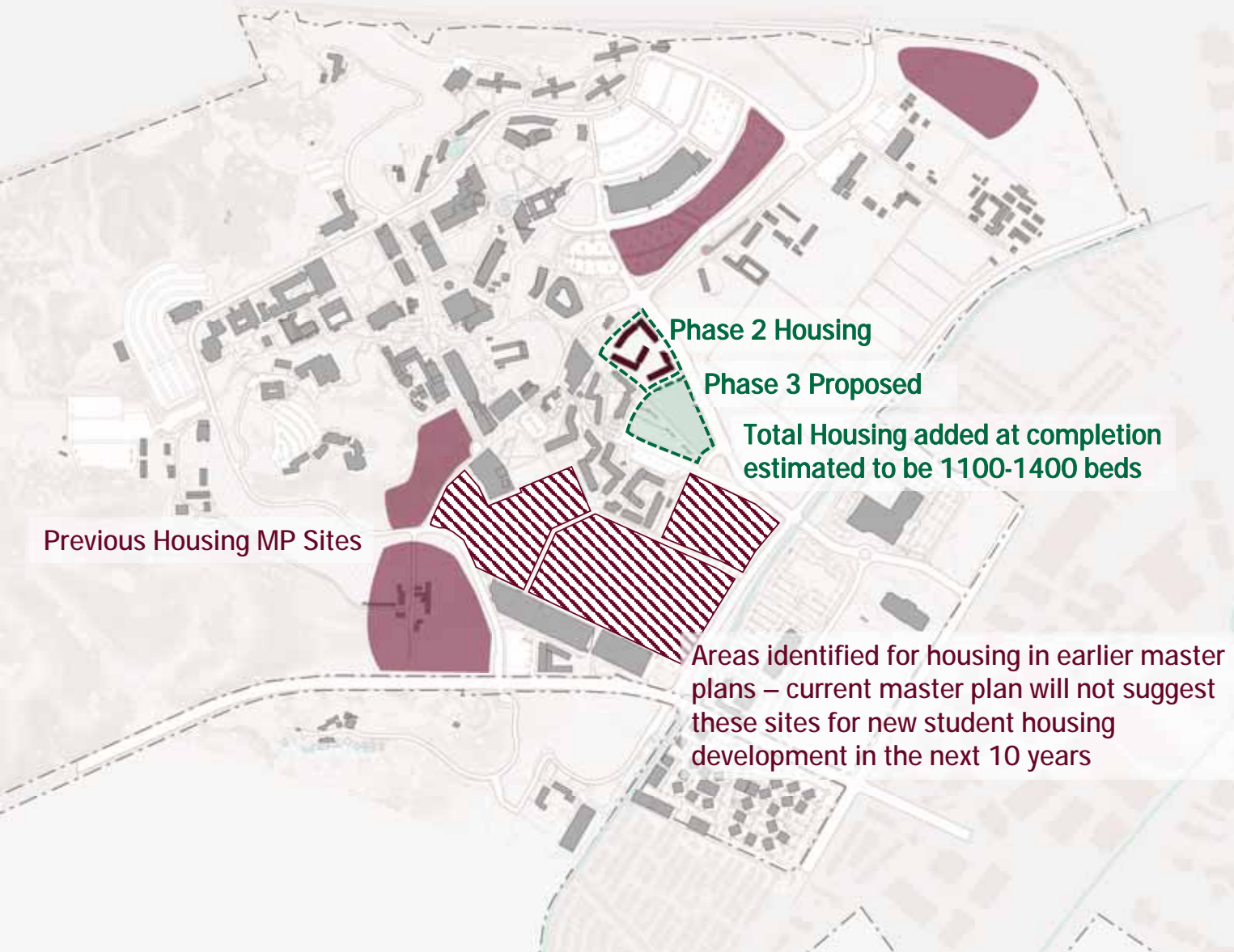
Phase II

- must replace all 700 beds remaining in Reds
- planned as 2 buildings, 7 and 8 stories
(layout to be developed in the design phase)
- requires submittal of updated documents for
the Phase I completed project + Phase II plan
- project should proceed ASAP to maintain
summer 2023 opening target

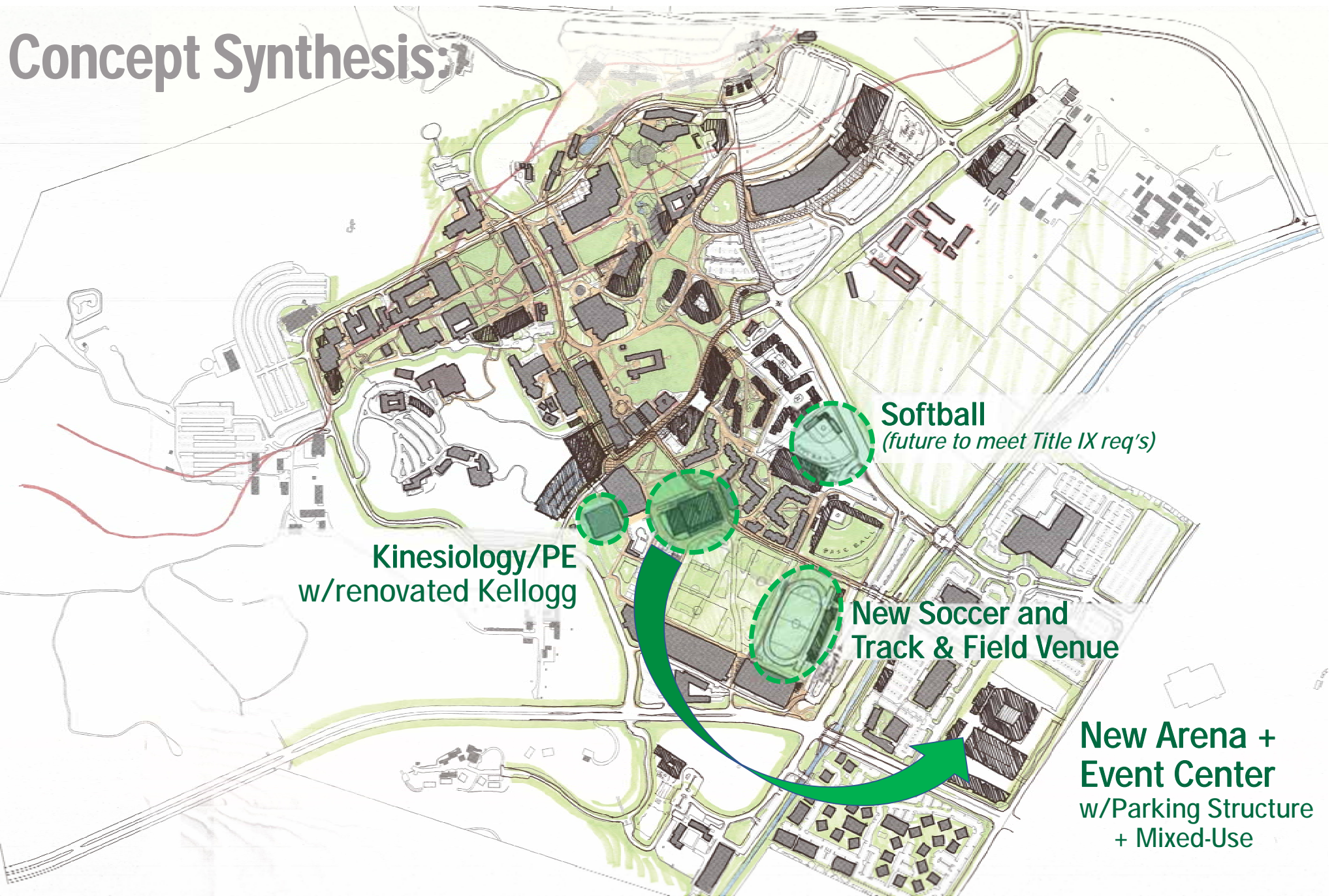
Student Housing Bed Counts



STUDENT HOUSING SITES



Concept Synthesis:

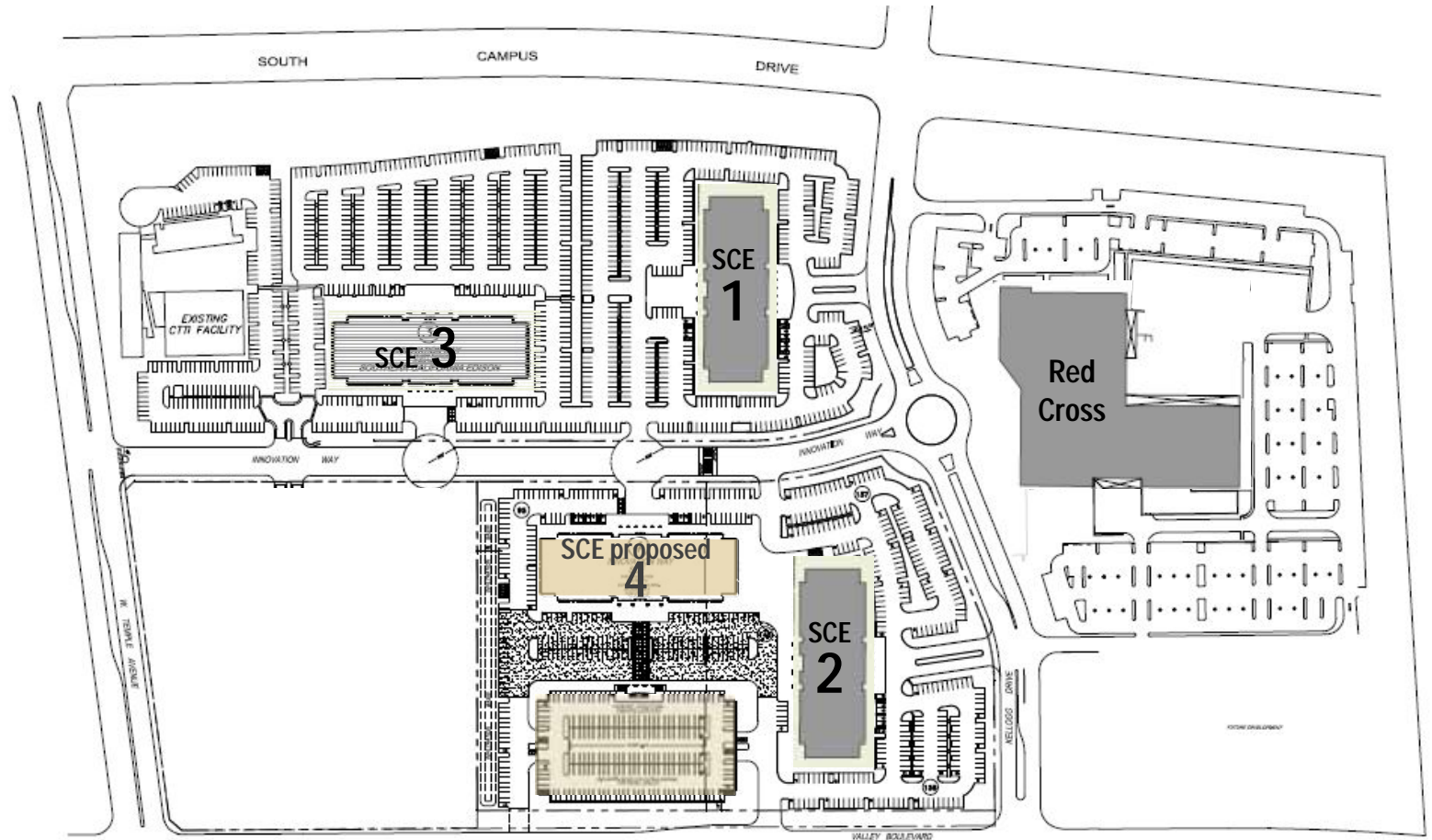


Facility | Area Studies

Innovation Village

- review – response to SCE revised proposal

IV Concepts: *original Trammell Crow SCE 4 proposal*



Innovation Village Research Park - Conceptual Master Plan

Los Angeles County, CA

Proposed Southern California Edison Scheme Overall

DISCLAIMER:
ALL INFORMATION CONTAINED HEREIN MAY BE SUBJECT
TO CHANGE PENDING OWNER AND OR AGENCY REVIEW
AND IS FOR INFORMATION ONLY

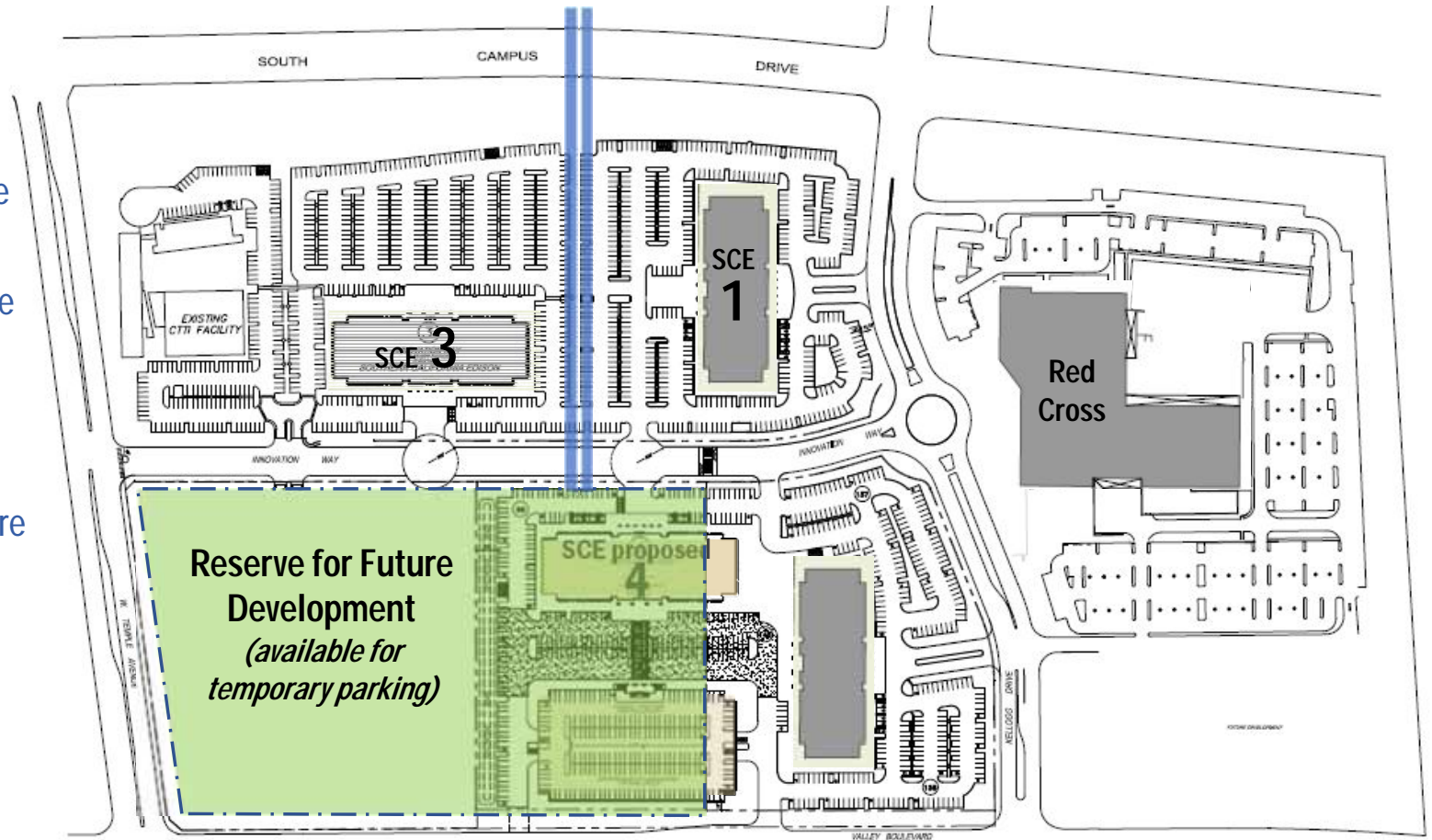
Date: 05/18/2018

Trammell Crow Company

IV Concepts: CPP response to *Trammell Crow SCE 4 proposal*

Comments/Constraints:

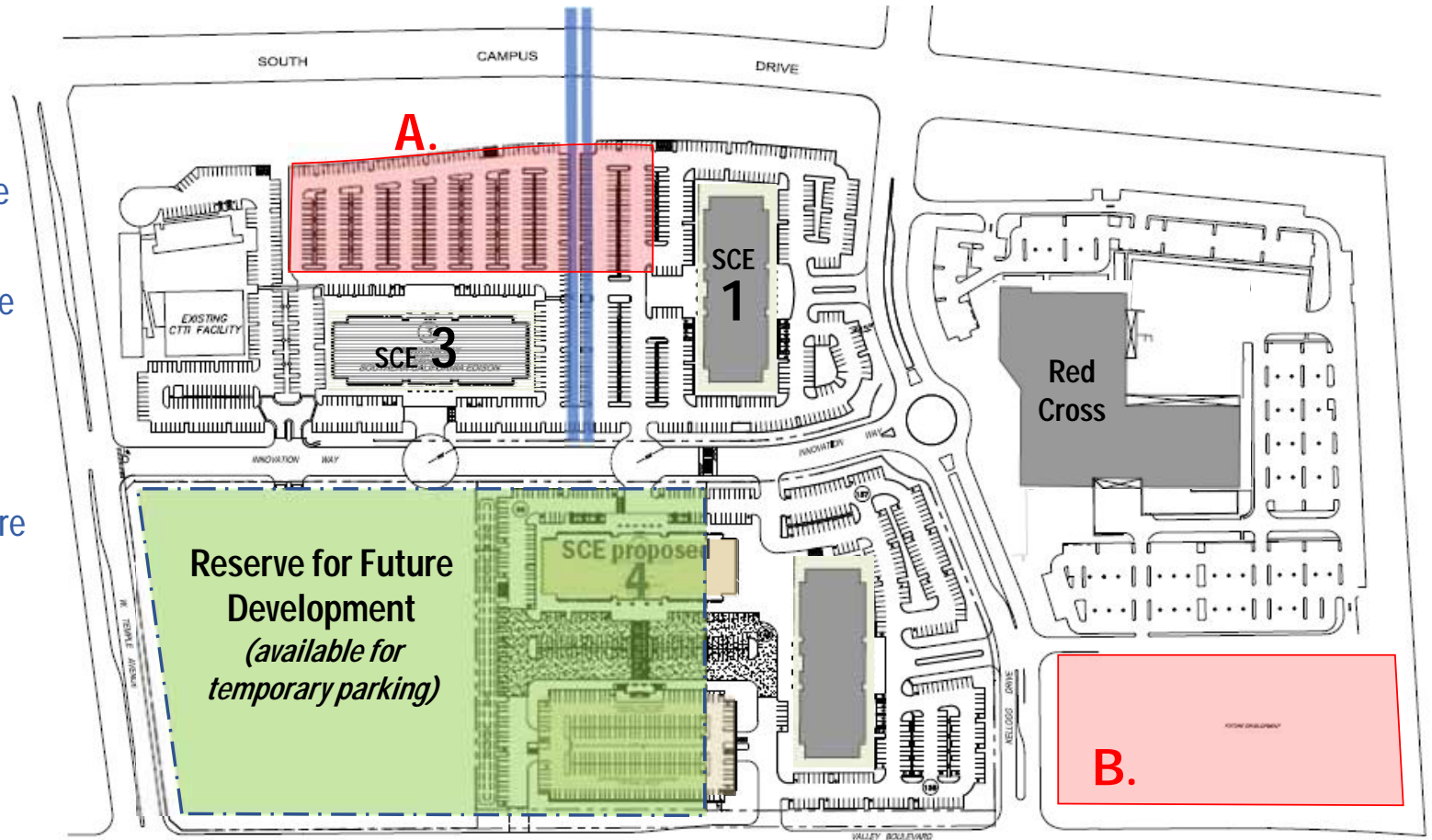
- Reserve the SW undeveloped area for more intensive mixed-use development the future
- Plan for a future ped/bike path crossing on South Campus Drive
- Increase density
- Minimize parking structure street frontage
- Be more innovative



IV Concepts: CPP response to *Trammell Crow SCE 4 proposal*

Comments/Constraints:

- Reserve the SW undeveloped area for more intensive mixed-use development the future
- Plan for a future ped/bike path crossing on South Campus Drive
- Increase density
- Minimize parking structure street frontage
- Be more innovative



Suggested development approach:

- A. add development to an existing SCE parcel/building
- B. Develop smaller parcel adjacent to Red Cross (could approach Red Cross about site for a shared parking structure)

Foundation & Trammel Crow will work on a revised proposal with SCE

Facility | Area Studies

Bronco Student Center

- plaza seating + shade project
- planning study for facility improvement-expansion



Proposed planning/design process:

- ✓ **Meet with staff and stakeholders** -- *start w/ASI Facilities + Operations Committee (suggest a 'working group' to manage the process)*
- ✓ **Investigate options + constraints** - especially for shade structures (*existing subsurface structures or utilities, etc.*)
- ✓ **Facilitate an open workshop** to gain additional input from students, staff, faculty
 - challenges/opportunities (*BSC in general*)
 - priorities exercise for plaza project
 - survey visual preferences for furnishings and shade structures
- **Document workshop input and share with stakeholders**
 - (*ASI F+O Committee, Foundation, CPP Planning + Facilities, MP Advisory Committee, format to post on MP and ASI websites*)
- **Develop design concepts** (*with alternatives as appropriate, review with the working group to identify preferred concept*)
- **Present the proposed concept** (*with a cost estimate + documentation of the process and student input*)

Campus-wide:

Students express an appreciation of the campus spaces, but the lack of shade limits their ability to use those spaces.

Lack of shade also constrains turnout at student events, impacting student engagement.



STUDENT ENGAGEMENT



OPEN FORUM SET-UP

<http://polycentric.cpp.edu/2018/12/students-give-input-on-bsc-campus-seating-at-master-plan-open-forum/>



63

Total Students Participated

electrical engineering, chemical engineering, mechanical engineering, civil engineering, electromechanical engineering technology, computer science, biology, chemistry, agriculture, journalism, communications, management and human resources, dietetics, food and nutrition, architecture, urban planning, finance + real estate, pre-law, pre-vet, music, english and english lit, business, geology, kinesiology, anthropology, lpoly

STUDENT ENGAGEMENT



WHAT WAS ASKED

Students were asked questions related to the campus:

- Where do they study?
- Where do they socialize?
- Where do they want and/or need more seating? and more shade?
- 'Likes & dislikes' about specific seating and shade elements

Students were asked questions related to the Bronco Student Center:

- How much time do they spend at the BSC?
- What are they doing there?
- Where do they study? socialize?
- Where do they want and/or need more seating? and more shade?
- What are their 'Top 5' priorities for future improvements?

WHAT WAS ASKED

IN THE BSC:



Sleep



Attend events / Performances



Gaming



Collaborate/Group Study



Study Alone



Stream Video, Music, Social Media



Read



Access Technology



Socialize / Hang Out



Meditation / Group Exercise



Eat Lunch



Access Academic Resources & Testing



Retail / Shop



Visit / Makepiece / Craft



Outdoor Activity / Community Event



Morning Coffee



Ask, Check, See, Give



Use Student Services



IT Services / Help Desk



Other - Write on sticky Note

ON A TYPICAL DAY:



AROUND THE BSC:



University Services



Bookstore



Sit Outdoors



Starbucks



View Art



Marketplace

HOW MUCH TIME DO YOU SPEND IN THE BSC? WHAT DO YOU DO? ●

STUDENT ENGAGEMENT



500+
Total Dots Used
(in responses to questions)

STUDENT COMMENTS

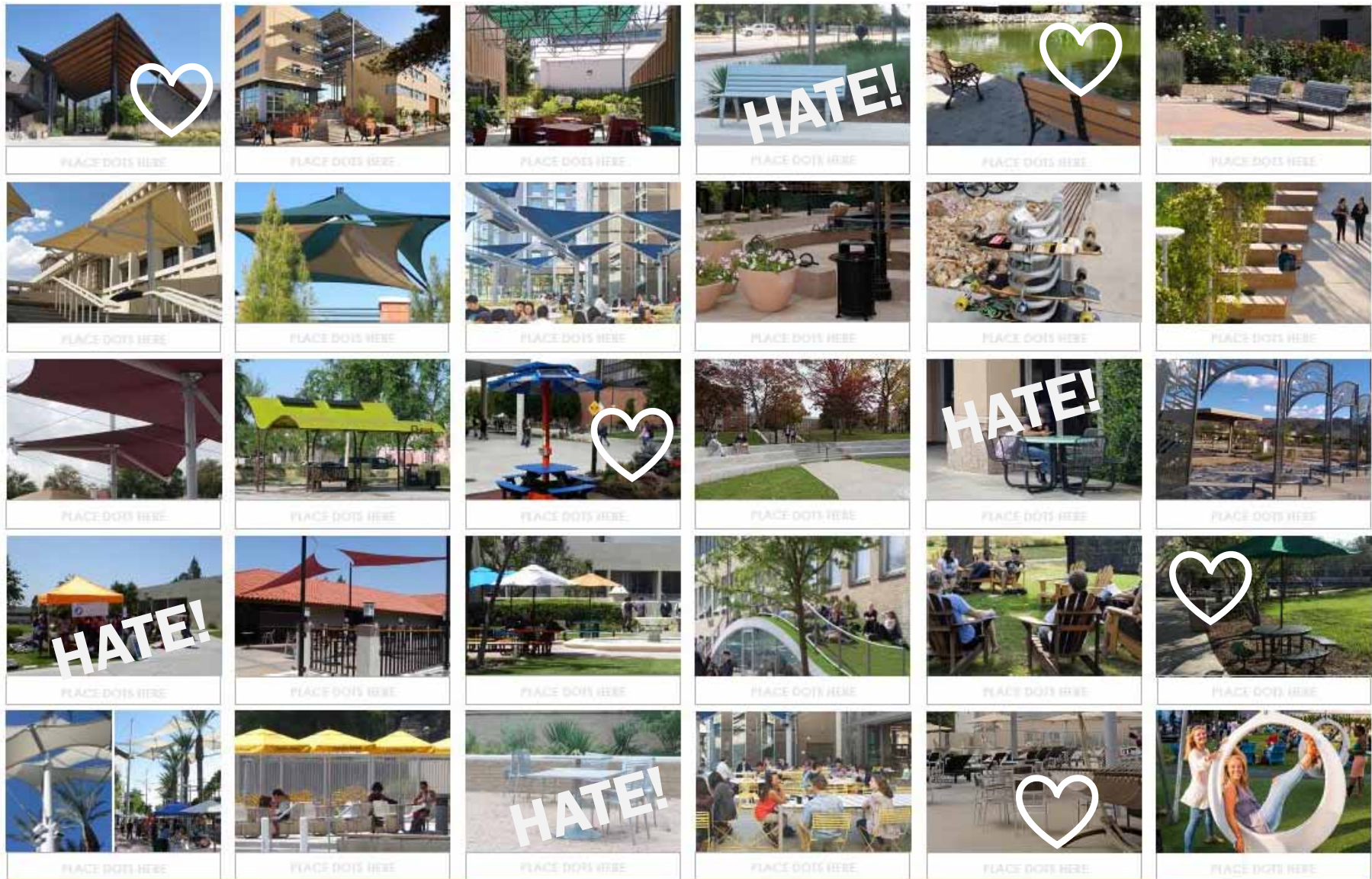


"It's pretty exciting to see that **our input might actually be implemented** in the university's **future plans**.



"I think it's cool that you're **exploring** some of the **spaces around the BSC**, like the Childcare Services building. It's really important to cater to **students' and staff's familial needs** as well."

SHADE/SEATING PREFERENCES



LOVE/HATE

LOVE ● HATE ●

SHADE/SEATING PREFERENCES

#1 ♥

- charging outlets
- solar powered
- wifi booster
- shade built-in
- plaza + landscape
- benches not chairs
- work surface / table
- for groups or individuals
- student designed + built



SEATING PREFERENCES



- lawn (but not wet)
- choices, versatile, flexible
- bench style seating
- shaded
- landscape + hardscape
- work surface / table
- groups or individuals



SHADE PREFERENCES

- shades a larger area
- shapes a space
- plaza + landscape
- work surface / table
- groups or individuals



BSC PRIORITIES SURVEY

TOP 5



1. **more/better + variety of study spaces**
(individual/group study rooms, quiet space informal study)
2. **more / better food options + more seating/tables in the food court area**
3. **improve indoor/outdoor connectivity w/ more/better outdoor space for study, groups, activities**
4. **state-of-the-art facilities & technology supporting instruction & events/activities**
5. **expand types of activity & socializing offerings**
(gaming, bowling, arcade, movie theater, etc.)

Next Steps:

- **President's Cabinet Update** *February 4*
- **Space Analytics**
 - *Semester 2018 instructional space analysis* *Jan-Feb*
 - *stakeholder mtgs w/Provost's Council* *later Feb*
- **Schedule Workshop #6: Draft Plan + Phasing + Guidelines** *March*
 - **Focus Sessions:**
 - Academic Resources incl library learning commons, study space*
 - Sustainability – guidelines + recommendations*
- **Community Listening Session** *late February?*
- **Campus Forums** *April*
- **Final Workshop on Draft Plan** *May*

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, two students are 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