



Campus Master Plan Update Campus Planning Team - Meeting #1

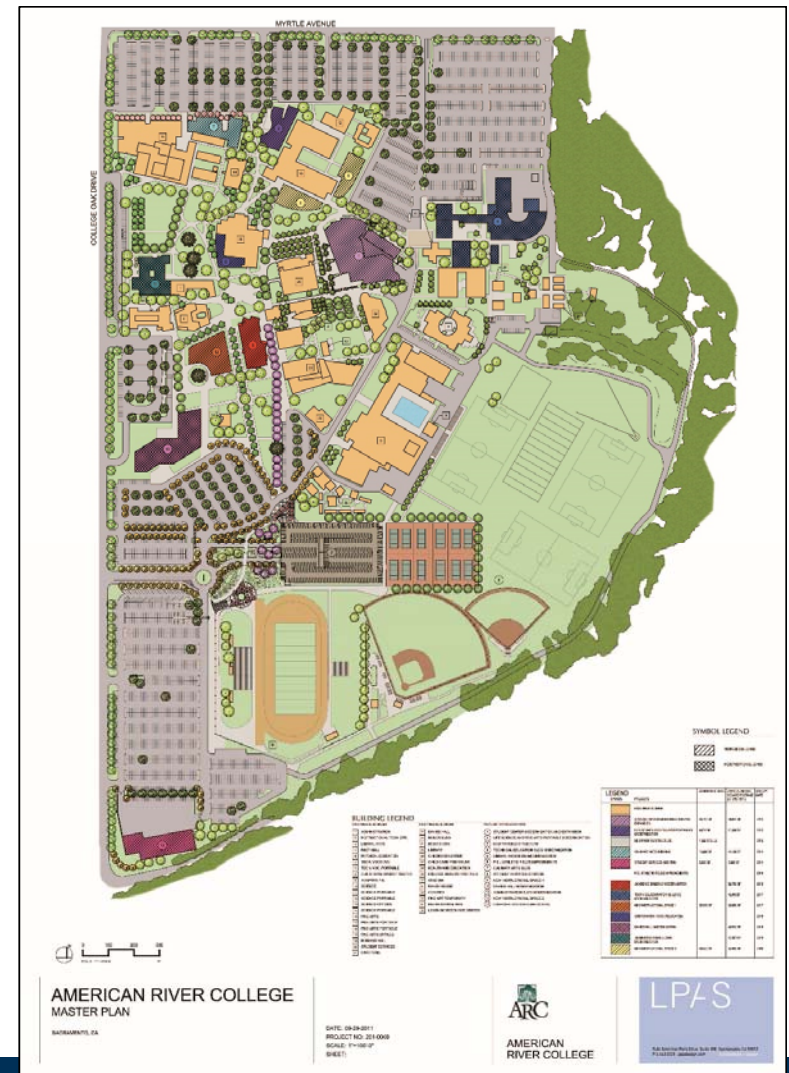
September 19, 2018

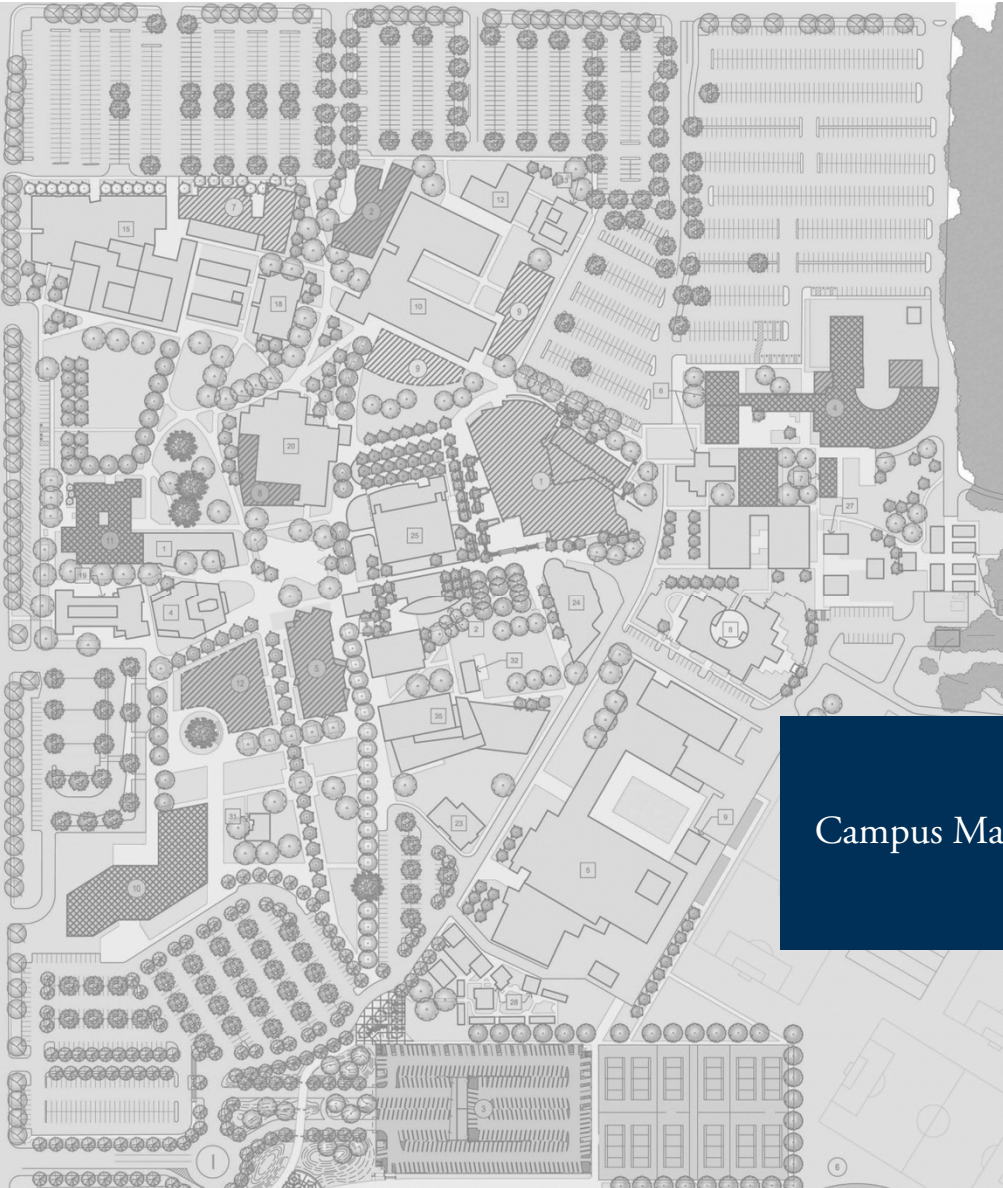


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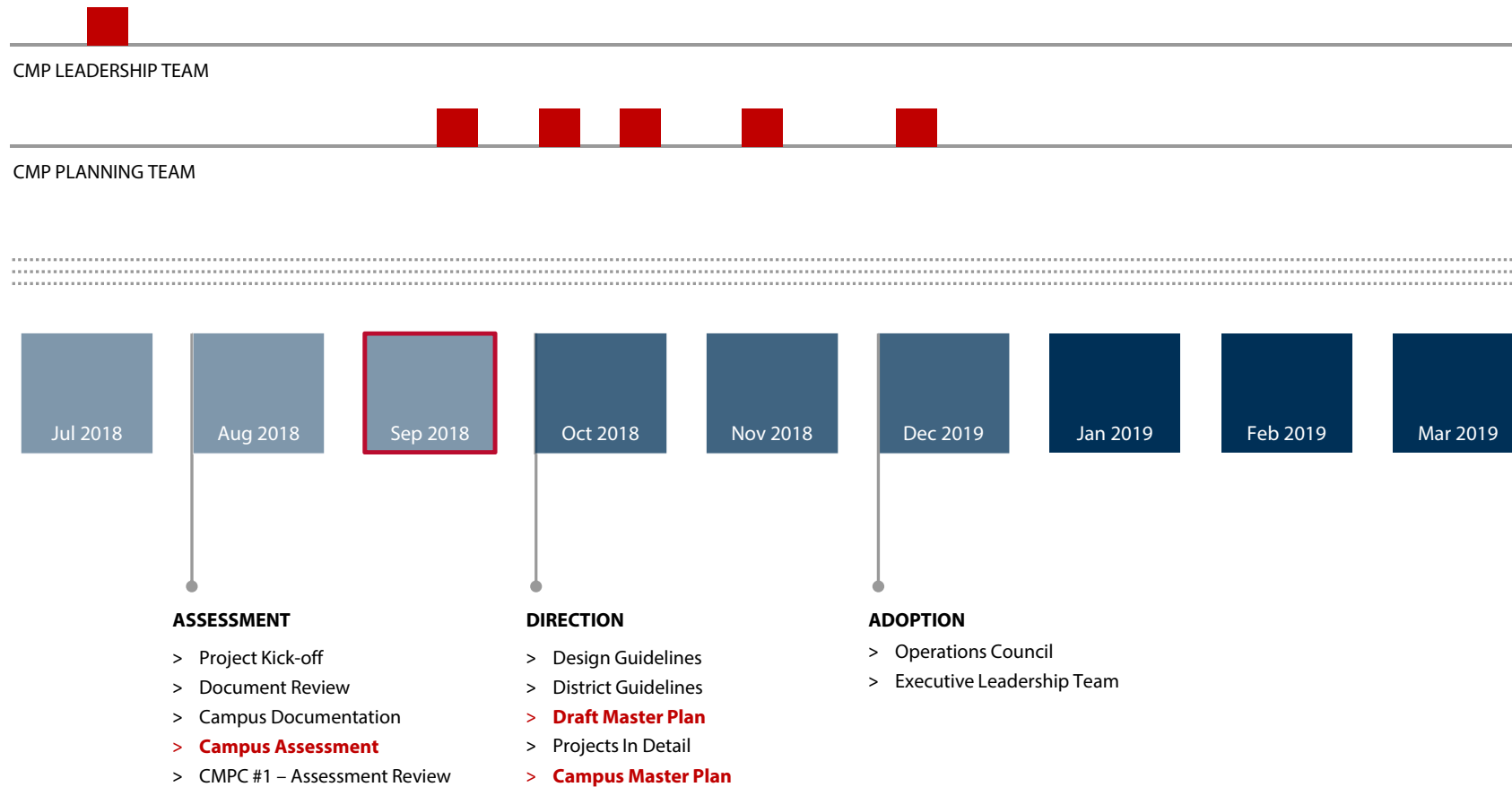
AGENDA

- Introductions
- Project Charter
 - Goals and Objectives
- Planning Process
- State Standards
- Campus Assessment
- Next Steps





Campus Master Plan – Timeline



PROJECT SCHEDULE & ENGAGEMENT



Assessment of Campus Documents

- Strategic Plan
- Current Campus Master Plan - 2012
 - Graphic/Map
- Facilities Condition Index
- Future Growth Report
- Facilities Summary
 - Building List, Age, Most Recent Modernization
 - Space Use Inventory
- Infrastructure Master Plan
- Transportation, Access & Parking Master Plan
- Long Range Capital Needs Plan
- Educational Master Plan



VISION

Transform the future of all students and our community through inclusive, equitable education.

STRATEGIC GOALS

SG 1 Students First – **connects students** to people, programs, and services, integrated educational experience, fostering relationships, ensuring all students persist, learn, and succeed.

SG 2 Clear and Effective Paths – **pathways to, through, and beyond ARC**, foundation for success and achieving educational goals, and seamlessly transferring or finding a career.

SG 3 Exemplary Teaching, Learning & Working Environment – **equitable, safe, and inclusive** teaching, learning, and working environment, **culturally relevant** curriculum, **innovative, high-quality** instructional methods and technologies, exemplary academic and student support services, and **comprehensive and integrated** professional development, and liberation and honors the dignity, humanity, and contributions.

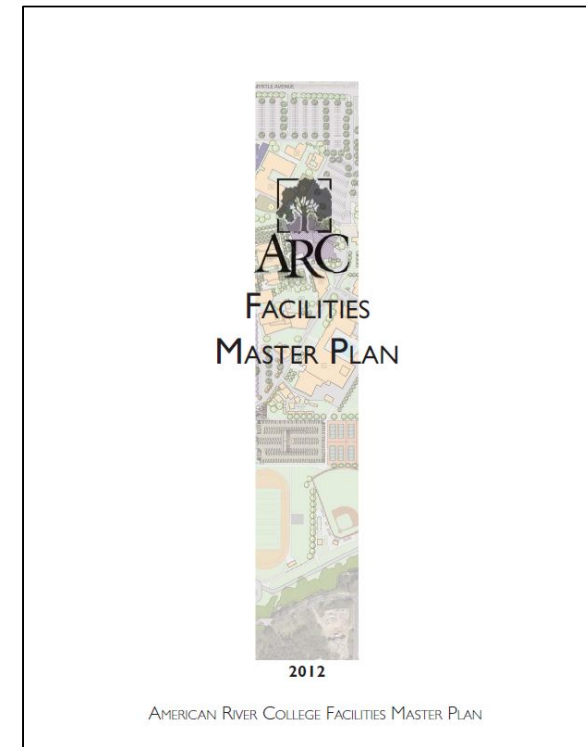
SG 4 Vibrancy and Resiliency – **culture** of innovation, entrepreneurship, sustainability, and transparent communication, **proactive, effective, and efficient** operational systems and governance, and **data-informed** approaches to planning, decision-making, and resource allocation, **high level of service** to our students, community, and to one another.

VISION

“premier learning community that transforms and enriches peoples lives”

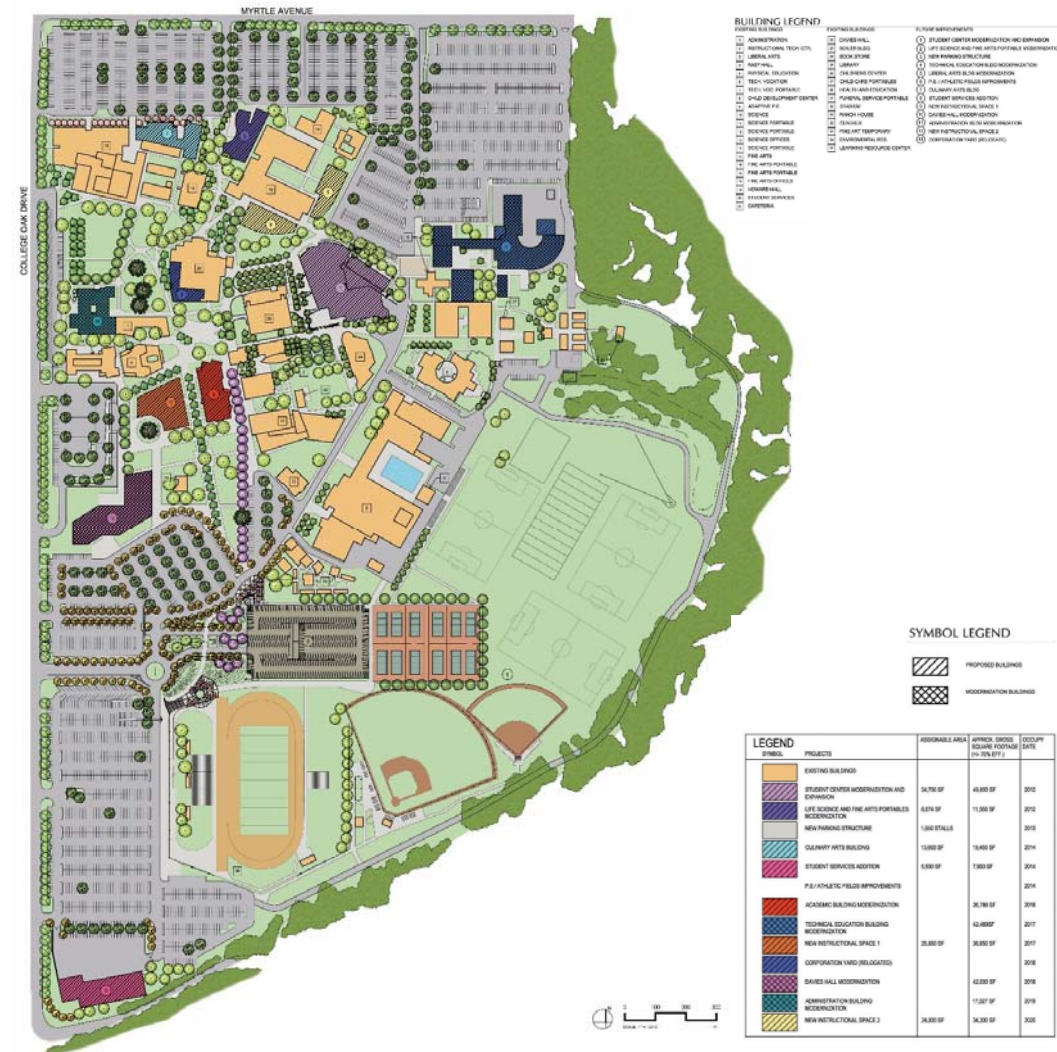
OBJECTIVES

- Provide a plan which locates **preferred sites for future capital improvement** projects.
- Provide guidelines for **establishing hierarchies and themes** within the existing and potentially new “**districts**” on campus.
- Provide design guidelines which inform and **plan for future growth** on campus to help:
 - Improve the **college’s image** within the community and enhance the **student’s experience** on campus.
 - Improve existing **pedestrian and vehicular circulation** to increase wayfinding.
 - Better **utilize outdoor spaces and plazas**.
 - Improve **accessibility**.
 - Where **appropriate, review reasonable accommodations** for students & staff under ADA/FEHA in designing new & modernized facilities.



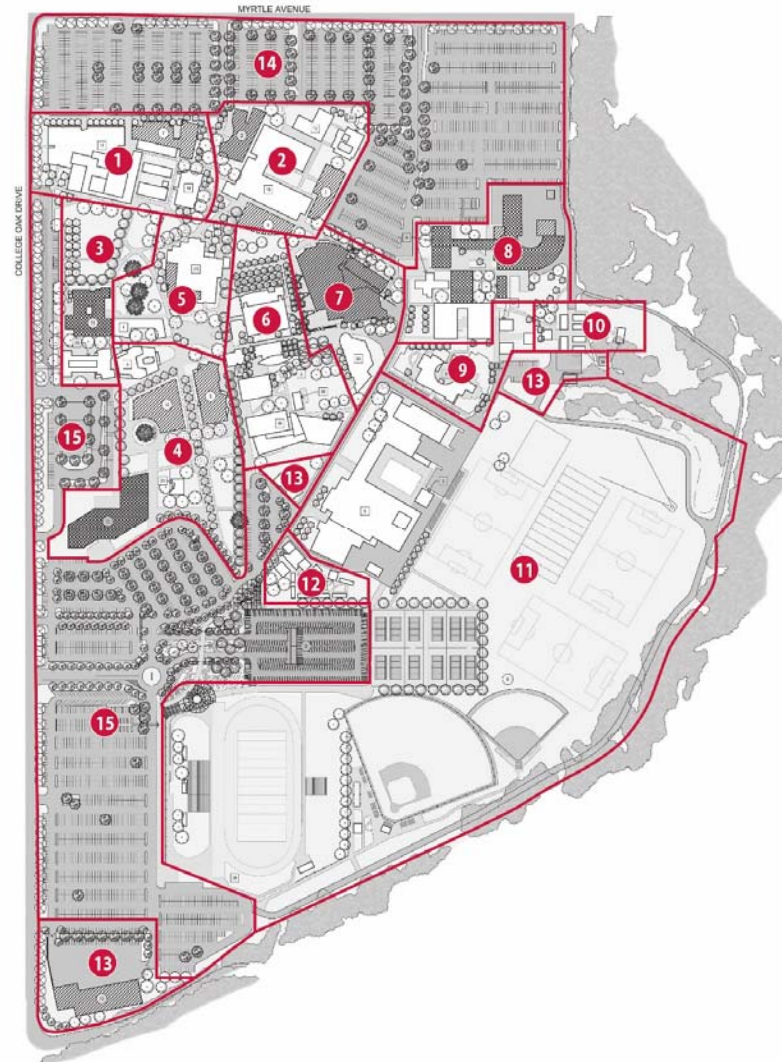
DESIGN GUIDELINES

- District Identification
- Site and Landscape Design
- Boundaries and Perimeters
- Signage, Gateways and Way-finding
- Plazas and Open Space
- Temporary Facilities
- Transportation, Access, and Parking
- Architectural Design Guidelines



THE DISTRICTS

- 15 Districts
- District Guidelines
 - Objectives
 - Landmarks
 - Open space
 - Circulation



- 1- Performing & Fine Arts
- 2- Science
- 3- Administration
- 4- Instructional Center
- 5- Student Services/Counseling
- 6- Library/ LRC/ ITC
- 7- Student Center & Bookstore
- 8- Technical Education
- 9- Child Development
- 10- Environmental / Horticulture
- 11- Physical Education
- 12- Health & Education
- 13- Corporation Yard
- 14- North Parking Lot
- 15- South Parking Lot

DISTRICT GUIDELINES

Objectives

- Enhance the **public image** and **front door** of the campus.
- Replace or paint the existing turquoise fascia to match the overall building color and to create a **consistent theme** that can be replicated in other districts across campus.
- Complement the **existing building material** by using **brick, concrete, metal, and glass**.
- Improve connectivity to the rest of the campus.

Landmarks

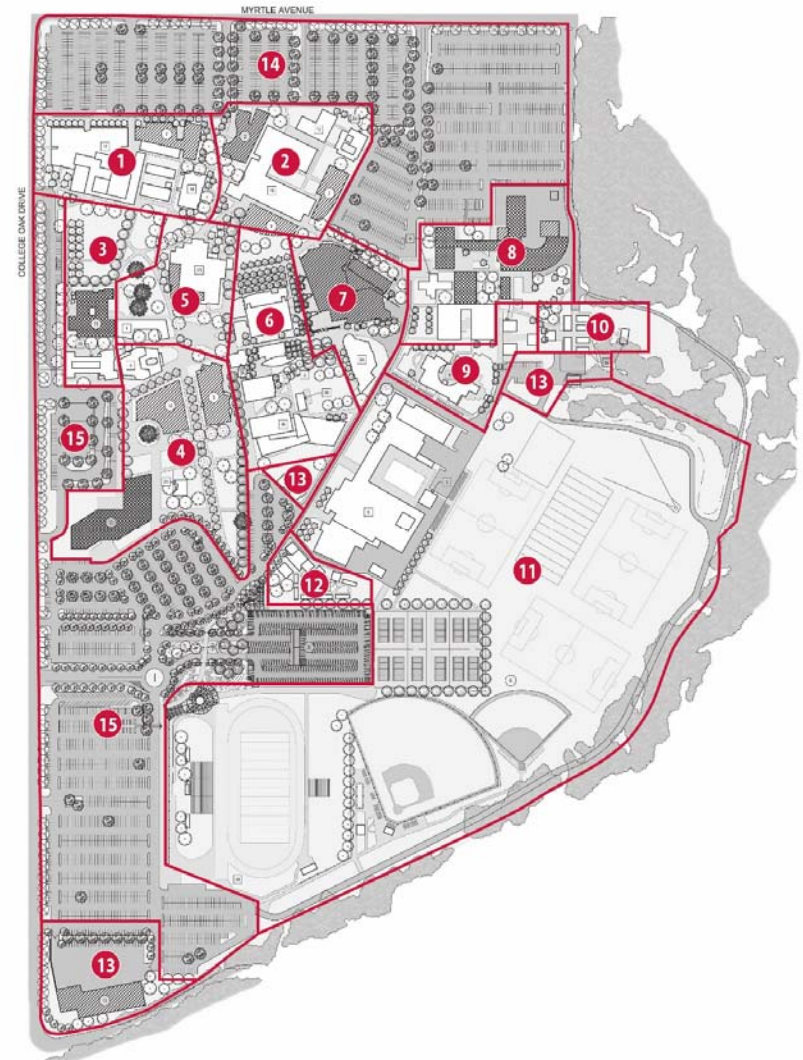
- Reinforce a new **public image** and **landmark**.
- Develop **gateway features** at **edges of district** providing **enhanced entries** to campus core.
- Improve **way-finding**.

Open Space

- Create different type of **open space** based on existing building layout and function.
- Reinforce existing **formal open spaces** and **plazas**.
- Develop **internal courtyards** to encourage **students activity** and **use**.

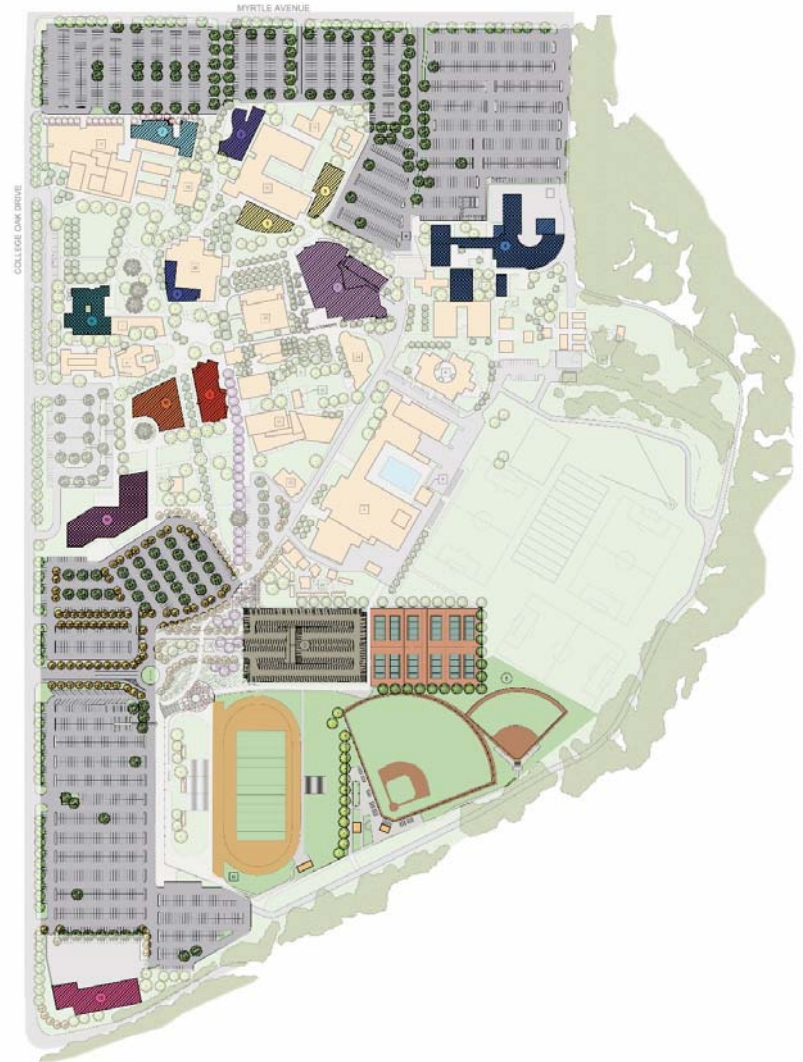
Circulation

- Enhance **pedestrian circulation** and way-finding by creating **new entry gateways**.
- Increase **public parking** and **better way-finding** from each pedestrian entry gateway.
- Emphasize **entry gateway** to the center of campus through **landscape design**.
- **Enhanced pathways** to improve **orientation** and **way finding** to student service facilities.



PROJECTS IN DETAIL

- ☒ **Student Center Modernization and Expansion, 2012**
- ☒ **Life Science and Fine Arts Portables Modernization, 2012**
- ☒ **T.A.P./ New Parking Structure, 2013**
- ☒ **Culinary Arts Building, 2014**
- ☒ **Student Services Addition, 2014**
- ☒ **Academic Building Modernization, 2016** *(under const.)*
- ☒ **P.E. / Athletic Fields Improvements, 2014**
- ☐ Technical Education Building Modernization, 2017 *(FPP)*
- ☒ **New Instructional Space #1, 2017** *(under const.)*
- ☐ Relocation of Corporation Yard, 2018
- ☐ Davies Hall Modernization, 2018 *(IPP)*
- ☐ Administration Building Modernization, 2019
- ☐ New Instructional Space #2, 2020



Project: **Culinary Arts Building**

Size: 13,600

Occupy: Dec-14 | 2014

Project: **Student Service Addition**

Size: 5,500

Occupy: Jun-15 | 2014

Project: **STEM Building**

(Academic Building Modernization &
New Instructional Space 1)

Size: 38,000

Occupy: 2020

Project: **Life Science & Fine Arts
Portables Modernization**

Size: 8,074

Occupy: Jan-13 | 2012

Project: **Student Center Modernization
& Expansion**

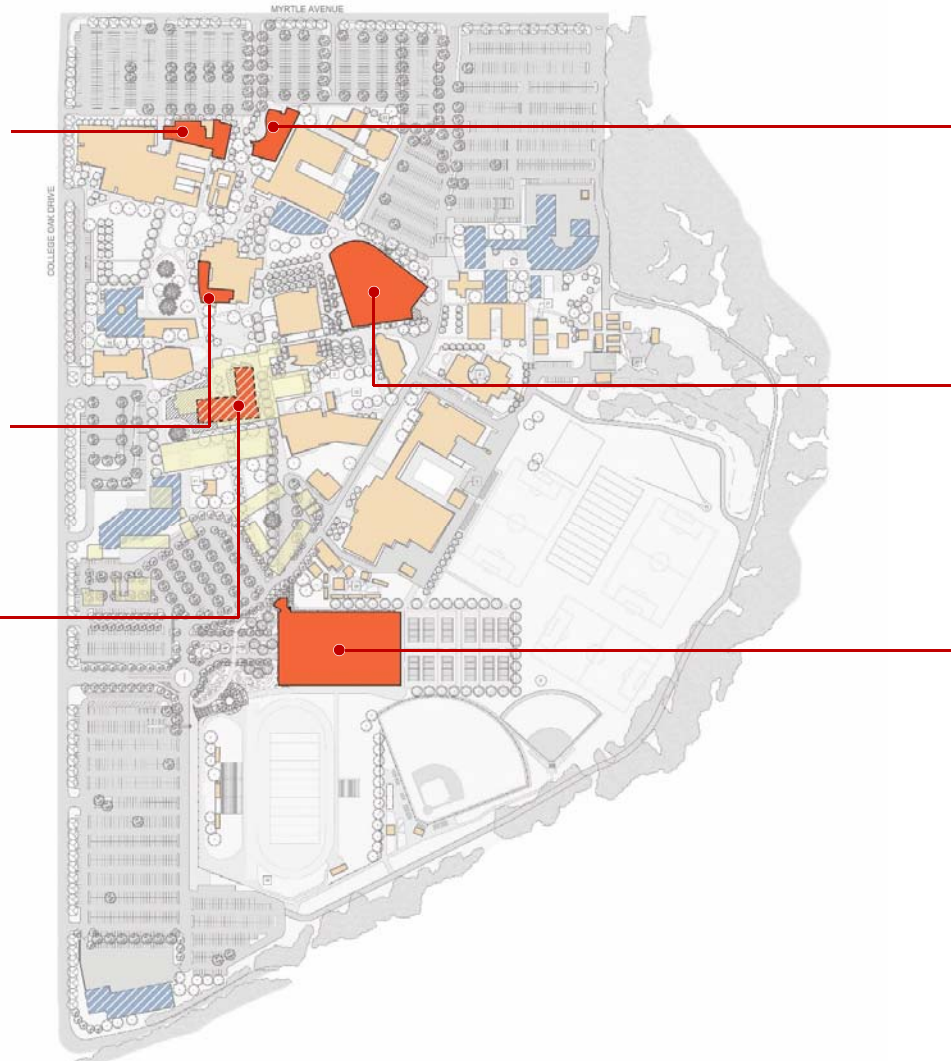
Size: 34,701

Occupy: Feb-13 | 2012

Project: **New Parking Structure**

Size: 1,725 stalls

Occupy: Mar-13 | 2013



Project: **Administration Building Modernization**

Size: 17,527

Occupy: Sep-26 | 2019 | 2026 - 27

Project: **Davies Hall Modernization**

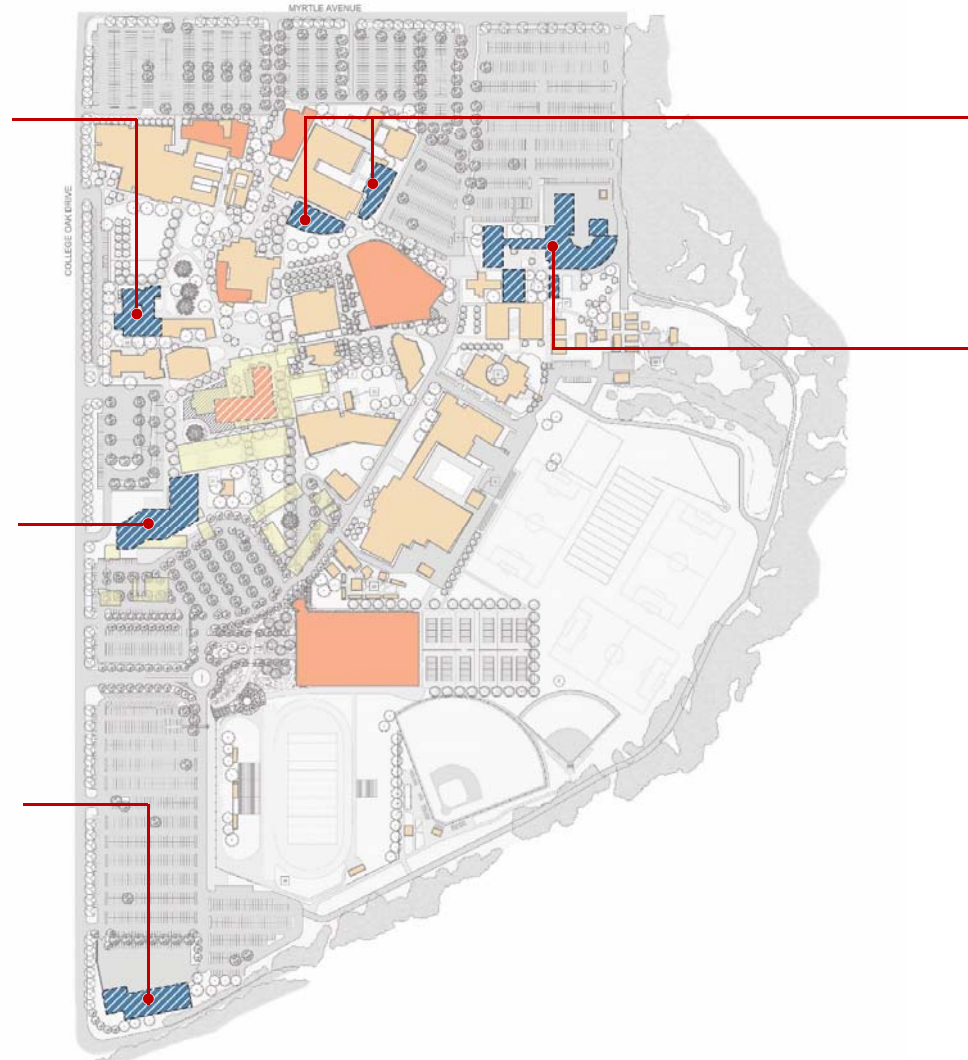
Size: 40,001

Occupy: Nov-24 | 2018 | 2024-25

Project: **Corp Yard Relocation**

Size: 18,528

Occupy: May-23 | 2018



Project: **New Instructional Space 2**

Size:

Occupy:

Project: **Technical Educ Building Modernization**

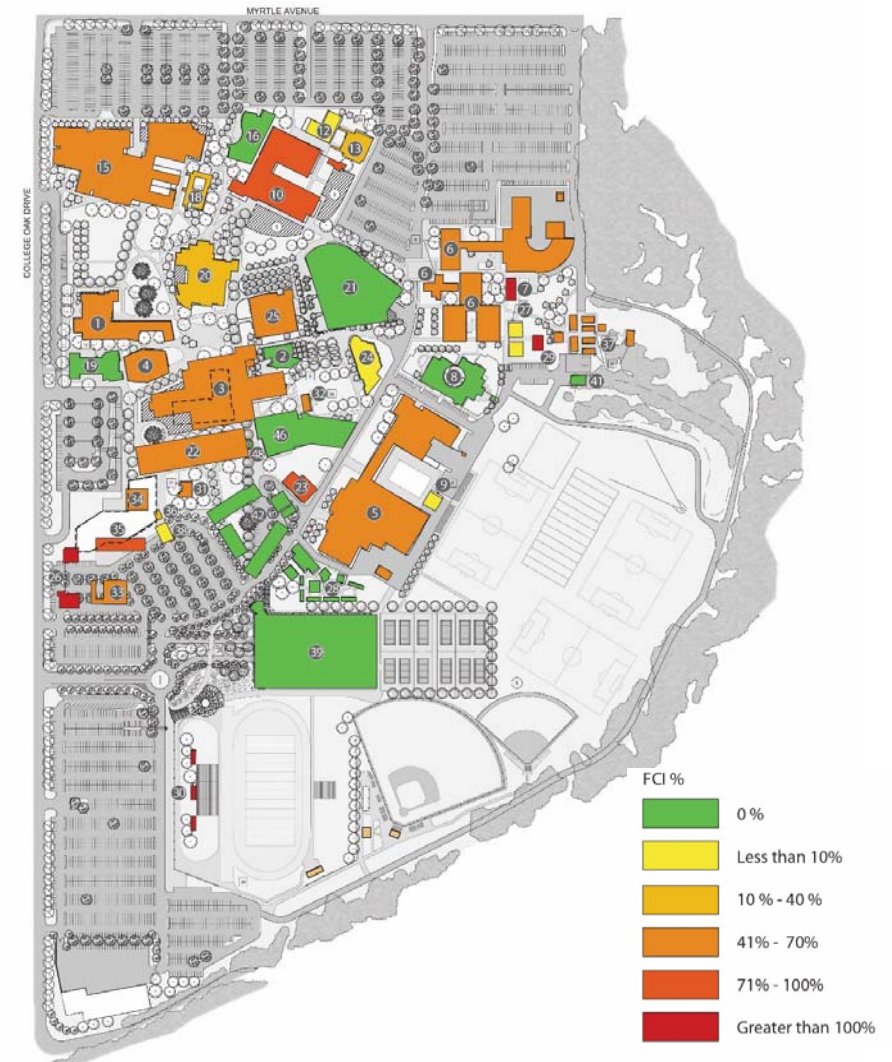
Size: 60,552

Occupy: Nov-22 | 2017 | 2022-23

- Facility Condition Index

- New buildings/modernization projects are 0%.
- Science, Boiler Building, Children Center, Funeral Service Portable, Stadium, Warehouse 2, and Tech. Voc. Portable are greater than 70%.

1 Administration	24 Bookstore
2 Instructional Tech. Ctr.	25 Library
3 Liberal Art	26 Children Center
4 Raef Hall	27 Child Care Portables
5 Physical Education	28 Health & Education
6 Technical Vocation	29 Funeral Service Portable
7 Tec. Voc. Portable	30 Stadium
8 Child Development Ctr.	31 Ranch House
9 Adaptive Pe.	32 Centrex
10 Science	33 Warehouse 3
12 Science Portable 12	34 Warehouse 1
13 Science Offices	35 Warehouse 2
15 Fine Arts	36 Shop 1
16 Life Science	37 Environment Res.
18 Fine Arts Offices	38 Campus Police
19 Howard Hall	39 Parking Structure
20 Student Services	41 Grounds Shop
21 Student Center	42 Swing Space Portables
22 Davies Hall	46 Learning Resource Center
23 Boiler Building	48 Concession Stand



Long Range Capital Needs Plan (LRCNP)

- Potential projects outlined by the District
- Potentially receive funding from the state and matched local bond funding

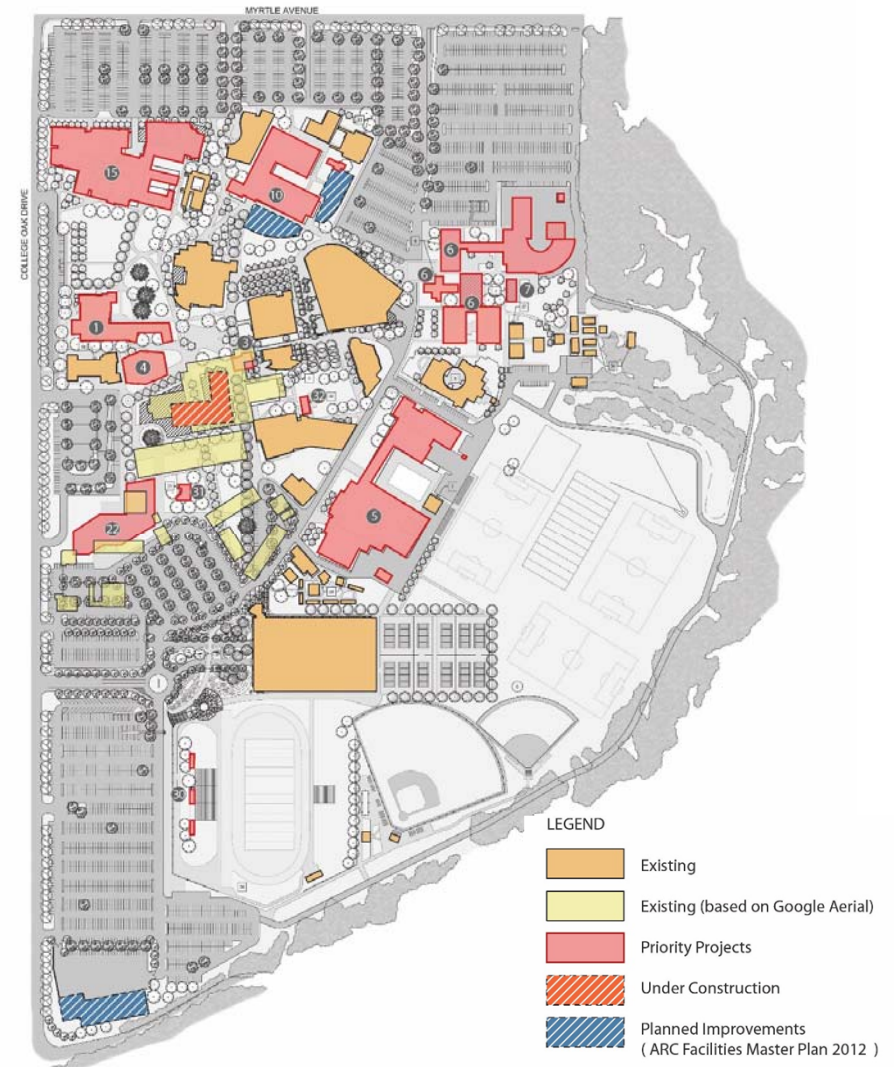
Status (now)	Campus Project
STEM site	ARC - Liberal Arts Building Modernization
Complete	ARC - Public Arts at Student Services
	ARC - Monument Sign at NW Corner
Complete?	ARC - Infrastructure - Main Storm Drain Extension Around Stadium
STEM site	ARC - Liberal Arts Replacement Infrastructure
Complete? Jun-18	ARC - Infrastructure - New Well Equipment Installation
Complete	ARC - Liberal Arts Mod - Swing Space I Modification
Complete	ARC - Liberal Arts Mod - Swing Space II (New)
Mar-18	ARC - Infrastructure - South Well Decomission
Sep-18	ARC - Campus Wide Electrical Improvement
Oct-18	ARC - Replace Boilers
Complete	ARC - Pool Lighting - Prop 39
Complete	ARC - Stadium Scoreboard
Nov-18	ARC - Infrastructure - Hydronic Modifications At Multiple Buildings
Jan-19	ARC - Library Cell Tower
Jul-20	ARC - Infrastructure Stadium Lighting Upgrade

Status (now)	Campus Project
Dec-19	ARC - Central Utility Plant Upgrade - Chiller
Mar-19	ARC - TAP Improvements - North Parking Lots
Jun-21	ARC - Testing 2018-06-11
Mar-19	ARC - Campus Master Plan Update 2018
May-20	ARC - Health Center Relocation
Nov-22	ARC - Technical Educ Building Modernization
May-23	ARC - Corp Yard Relocation
Nov-24	ARC - Davies Hall Modernization
Sep-26	ARC - Administration Building Modernization
Nov-27	ARC - New Instructional Space 1

ARC Building Inventory

- Physical Education and Fine Arts are recently complete expansion;
- Technical Vocation and Technical Vocation Portable are in Final Preliminary Plans stage;
- Davies Hall in IPP stage (change to another site)
- Liberal Arts (STEM site) is active

Bldg. No.	Bldg. Name	Abbrev.	Const. Year	Age	GSF	Notes
31	Ranch House	RH	1936	82	1,730	N/A
1	Administration	adm	1958	60	25,141	Future
3	Liberal Arts	LA	1958	60	42,188	Active
5	Physical Education	PE	1958	60	91,791	Recent Expansions
6	Technical Vocation	TV	1958	60	75,243	FPP
10	Science	LS	1958	60	39,213	TBD
15	Fine Arts	FA	1958	60	86,744	Recent Expansions
4	Rae Hall	RH	1963	55	9,654	TBD
30	Stadium	S	1963	55	4,129	TBD
7	Tech. Voc. Portable	TVP	1967	51	2,590	FPP
22	Davies Hall	DH	1967	51	85,556	IPP
32	Centrex	C	1967	51	1,360	N/A



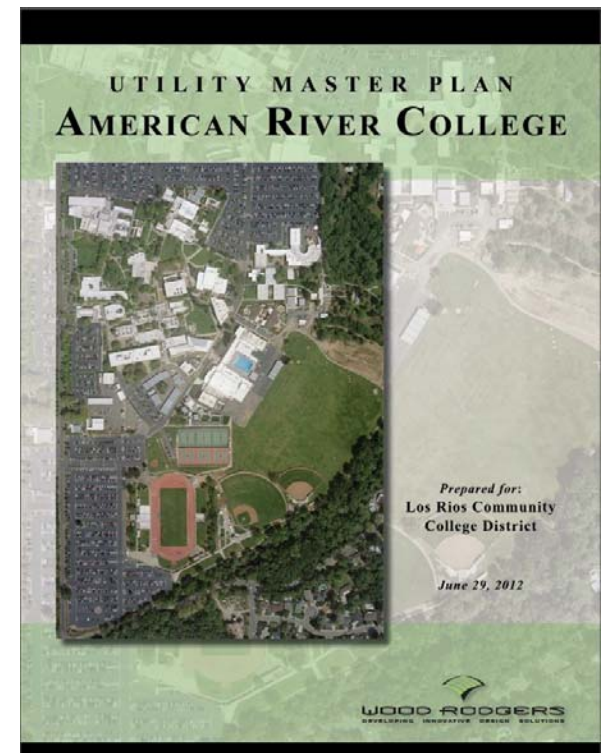
PURPOSE & OBJECTIVES

The Utility Master Plan provides a framework that allows the campus to address utility improvements in the context of broader campus needs. It identifies necessary utility infrastructure improvements that divided into the three categories:

- Correction of existing deficient utilities.
- Expansion of utilities to serve future growth.
- Replacement of aging utilities.

TOPICS:

- | | |
|------------------|------------------|
| • Water | • Natural Gas |
| • Sanitary Sewer | • Electrical |
| • Storm Drainage | • Communications |
| • Hydronics | • Compressed Air |

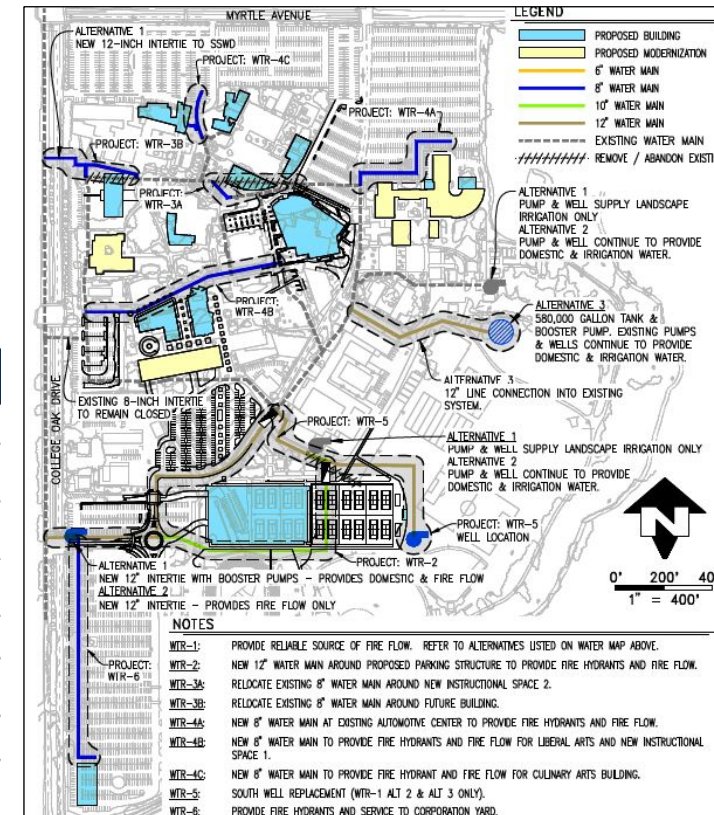


PROPOSED DOMESTIC WATER INFRASTRUCTURE

Three alternatives have been identified:

- SSWD Provides 100% of Domestic Water Use
- SSWD Provides Supplemental Domestic Water
- College District Owned Water Tank & Booster Pumps

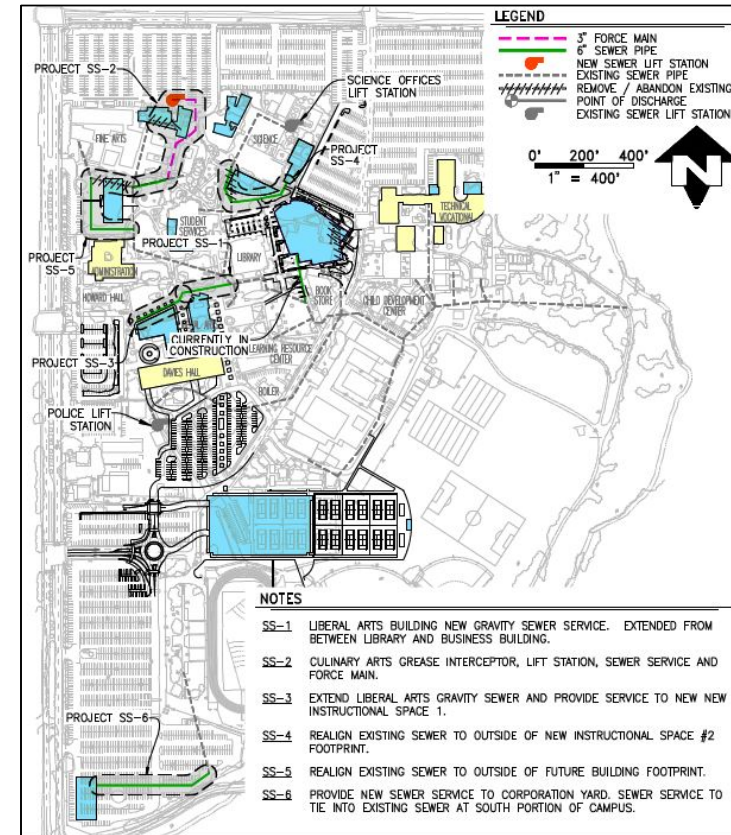
Project	Status	Notes
WTR-1: Provide reliable source of fire flow		3 alternatives ^[1]
WTR-2: New 12" water main around proposed parking structure to provide fire hydrants and fire flow	Complete?	Parking Structure Complete
WTR-3A: Relocate existing 8" water main around New Instructional Space 2	Not yet?	LRCNP doesn't have this building project
WTR-3B: Relocate existing 8" water main around Future Building	?	2012 Master Plan didn't have this bldg
WTR-4A: New 8" water main at existing automotive center to provide fire hydrants and fire flow	?	
WTR-4B: New 8" water main to provide fire hydrants and fire flow for Liberal Arts and New Instructional Space 1	Complete?	STEM building site and under construction
WTR-4C: New 8" water main to provide fire hydrants and fire flow for Culinary Arts Building	Complete?	Building complete
WTR-5: South well replacement (WTR-1 Alternative 2 & Alternative 3 only)	Complete (Mar-18, LRCNP)	
WTR-6: Provide fire hydrants and service to Corporation Yard	Not yet?	Building complete until 2023 (LRCNP)



PROPOSED SANITARY SEWER INFRASTRUCTURE

- New sewer extend from existing sewer main at southwest corner of Library and extend along north side of proposed Liberal Arts Building

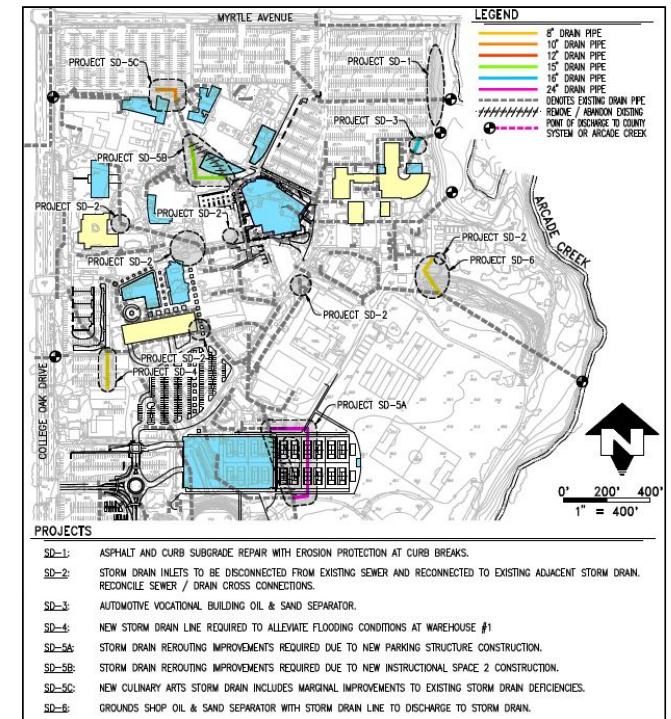
Project	Status	Notes
SS-1: Liberal Arts Building new gravity sewer service. Extended from between Library and Business Building	Complete?	STEM building site and it's under construction
SS-2: Culinary Arts grease interceptor, lift station, sewer service and fore main	Complete?	Building complete
SS-3: Extend Liberal Arts gravity sewer and provide service to new New Instructional Space 1	Complete?	STEM building site and it's under construction
SS-4: Realign existing sewer to outside of New Instructional Space 2 footprint	Not yet?	LRCNP doesn't have this building project
SS-5: Realign existing sewer to outside of Future Building footprint	?	2012 Master Plan doesn't have this bldg
SS-6: Provide new sewer service to Corporation Yard. Sewer service to tie into existing sewer at south portion of campus	?	



PROPOSED STORM DRAINAGE INFRASTRUCTURE

- New storm drain line to help to alleviate flooding conditions
- Storm drainage rerouting improvements
- Storm drainage deficiencies improvements

Project	Status	Notes
SD-1: Asphalt and curb subgrade repair with erosion protection at curb breaks	?	
SD-2: Storm drain inlets to be disconnected from existing sewer and reconnected to existing adjacent storm drain. Reconcile sewer / drain cross connection	Complete?	
SD-3: Automotive Vocational Building oil & sand separator	Not yet?	
SD-4: New storm drain line required to alleviate flooding conditions at Warehouse #1	Complete?	
SD-5A: Storm drain rerouting improvements required due to New Parking Structure construction	Complete?	Parking Structure complete
SD-5B: Storm drain rerouting improvements required due to New Instructional Space 2 construction	Complete?	STEM building site and under construction
SD-5C: New Culinary Arts storm drain includes marginal improvements to existing storm drain deficiencies	Complete?	Building complete
SD-6: Grounds Shop oil & sand separator with storm drain line to discharge to storm drain	?	

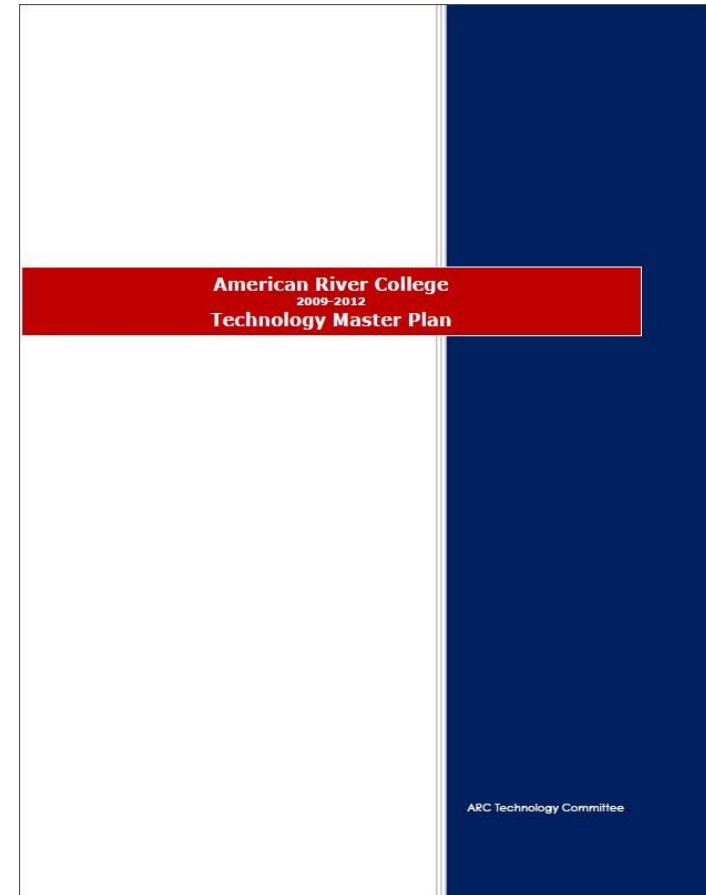


VISION

The future of technology is to **continue to provide reliable access to current technological resources for ARC staff, faculty and students.**

ONGOING GOALS & RECOMMENDATIONS

- Encourage to ensure that staffing costs are included when new services are requested.
- Build & maintain an appropriate infrastructure to support college technology.
- Improve security and disaster recovery measures.
- Find an easy way to send notifications to student groups.
- Enhance web services to facilitate instruction and expedite service.
- Update online sites for all approved student organizations.
- Los Rios Districts should maintain current web-based users manuals and documentation for PeopleSoft users.
- Support distance education services.
- Equip and maintain all classrooms with built-in computer display equipment.
- Maintain up-to-date portable multimedia carts for classroom use.



GOALS

To create a **safe** and **efficient multi-modal system** that is **beneficial to American River College** and **the surrounding community**.

- Transportation System
- Vehicular Access & Circulation
- Vehicular Parking
- Pedestrian System
- Transit
- Bicycle Circulation & Parking
- Service & Emergency Access



Projects

- Reconfigure North Parking Lots – better internal connectivity.
- Potential on-campus transit center.
- Development of bike network through formal bikeways and supporting bicycle parking facilities.
- Transportation demand management strategies.
- Arcade Creek Crossing – pedestrian & bike.

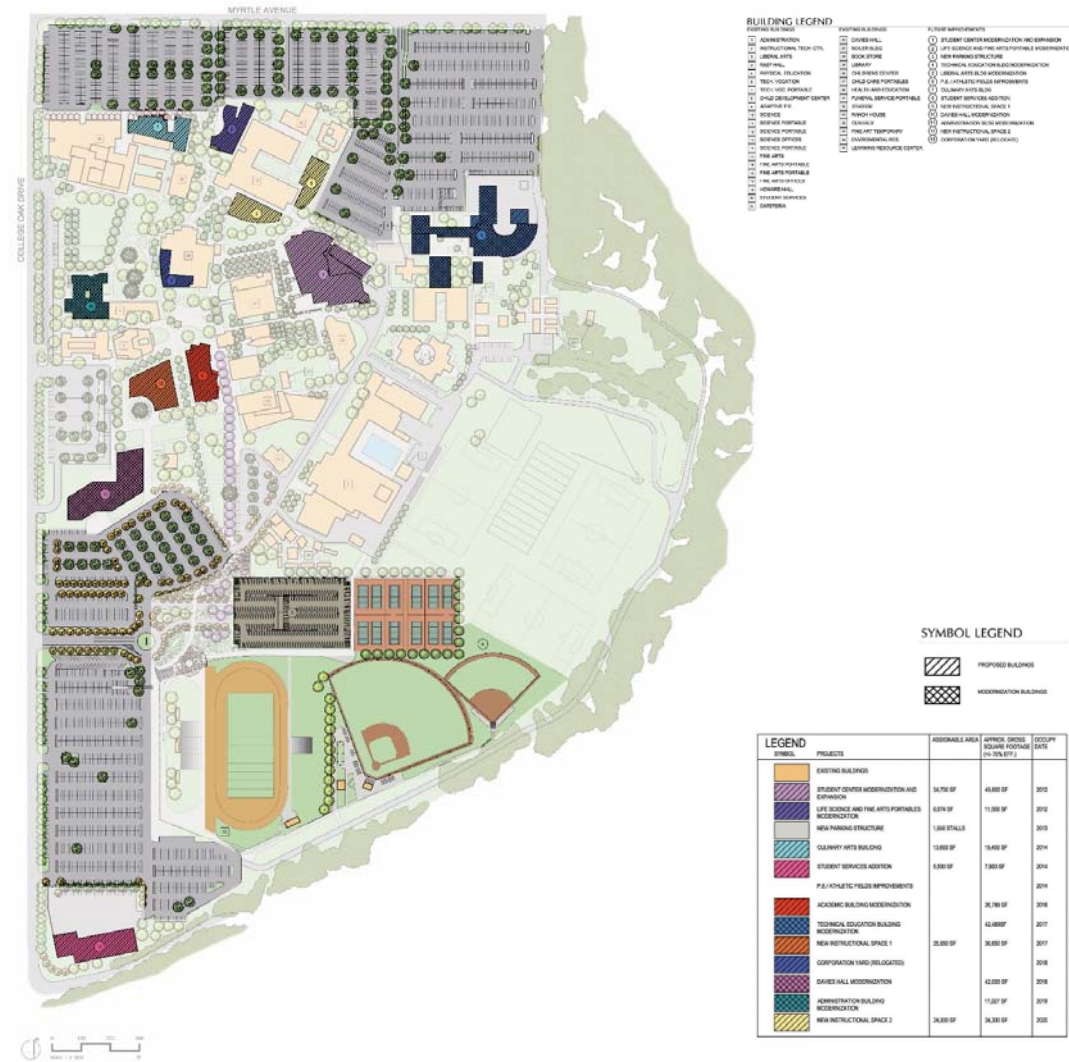




Discussion

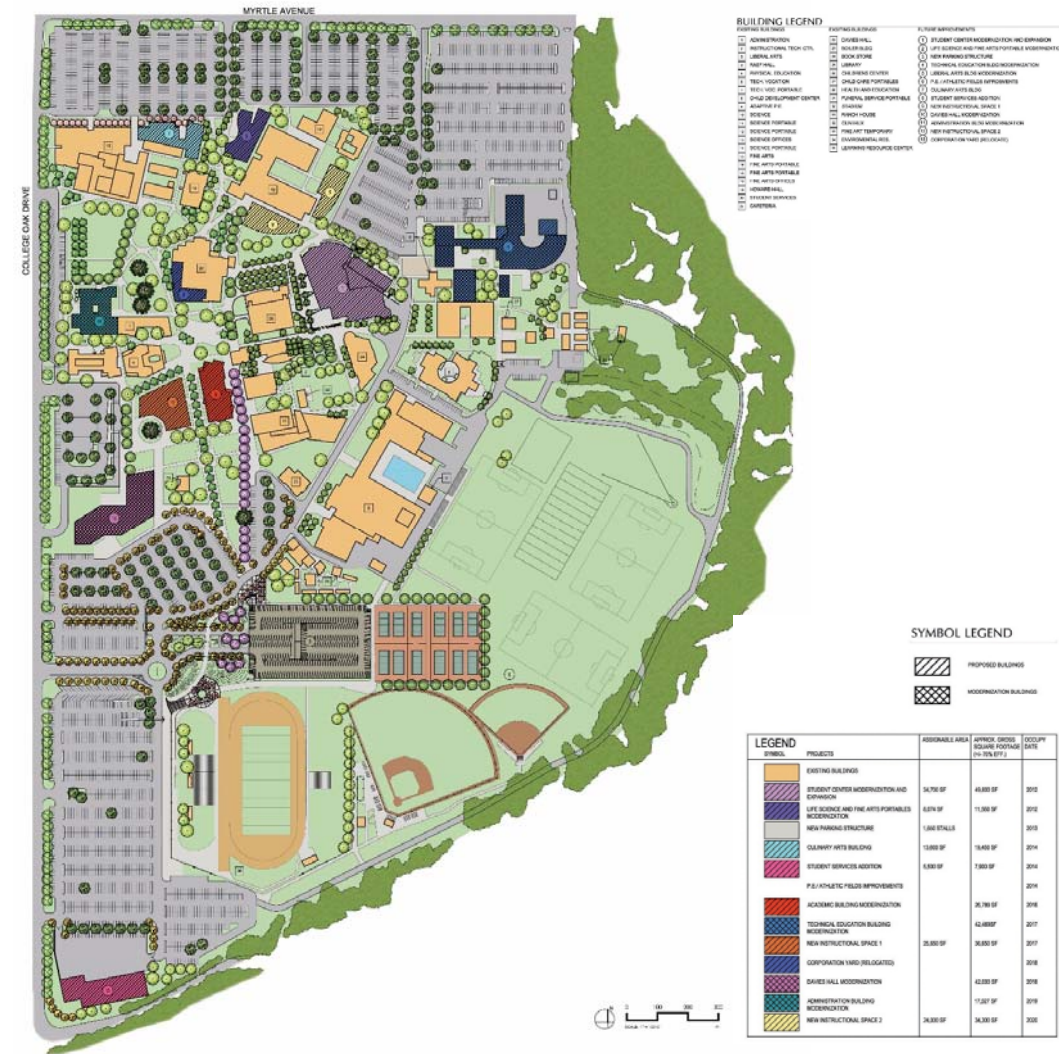
Today

- Are the current project still valid?
- Do the current projects address the deficiencies of the campus – today and in the future?
- Are the priorities identified still valid?
- What is missing?



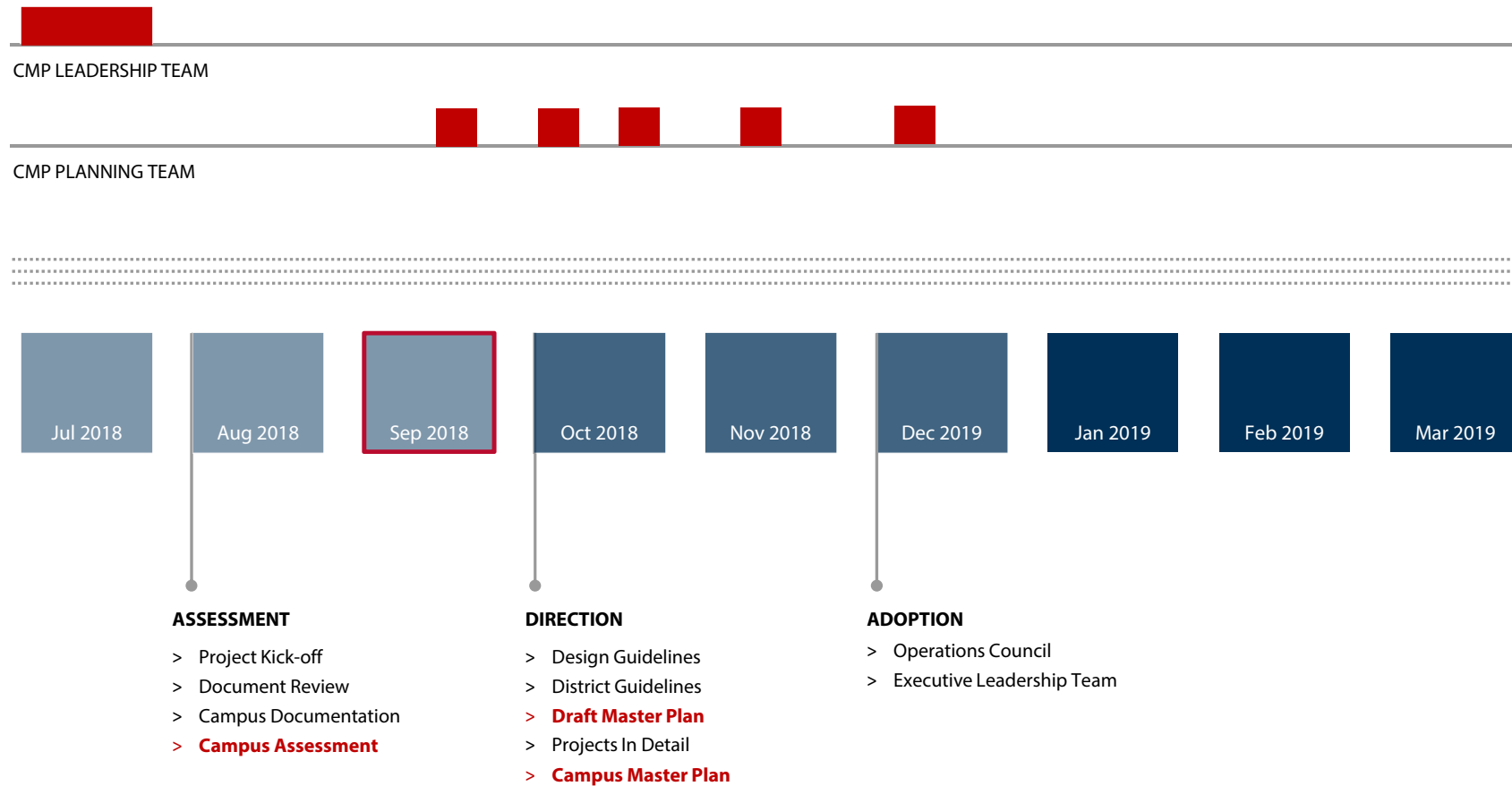
The Future

- What have we not talked about?
- What else is needed on campus – changes / improvements?
- What will make the campus successful in the future?
- How do we create the campus of the future?





Next Steps



OBJECTIVE #2

Design Guidelines

- Focus on the Campus-wide Design Guidelines
- Discussion of District Boundaries.

