



September 2019

CAPITAL PROJECTS REPORT to the

Citizens' Oversight Committee

MAAS

Intentionally Left Blank

TABLE OF CONTENTS

Project Status Report

Cypress Campus

<i>Campus Site Plan and Aerial View</i>	1-2
<i>New Science, Engineering, and Mathematics Building</i>	3
<i>New Veterans' Resource Center, Student Activities Center Expansion</i>	4
<i>Veterans' Memorial Bridge and Tribute Garden</i>	5
<i>Pond Refurbishment</i>	6
<i>Fine Arts Capital Improvements</i>	7
<i>Swing Space Projects</i>	8
<i>Update / Improve Infrastructure</i>	9
<i>Mass Communication and Security Systems Upgrade</i>	10-11
<i>Updates on Campus Projects - Cypress College</i>	12-17

Fullerton Campus

<i>Campus Site Plan and Aerial View</i>	19-20
<i>New Instructional Building</i>	21
<i>Renovate Buildings 300 & 500</i>	22
<i>Central Plant Replacement and Expansion</i>	23
<i>New Parking Structure</i>	24
<i>New Maintenance & Operations Building</i>	25
<i>Update / Improve Infrastructure</i>	26-27
<i>Updates on Campus Projects - Fullerton College</i>	28-32

Anaheim Campus

<i>Campus Site Plan and Aerial View</i>	33-34
<i>7th and 10th Floors Buildout</i>	35
<i>5th Floor CTE Laboratory and 2nd Floor Room 215</i>	36
<i>Update / Improve Infrastructure</i>	37
<i>Updates on Campus Projects - Anaheim Campus</i>	38-39

Financial Review

CAPITAL PROJECT UPDATES

<i>Measure J</i>	42
------------------------	----

ESTIMATED PROJECT BUDGETS

<i>Cypress Campus</i>	43-44
<i>Fullerton Campus</i>	45-46
<i>Anaheim Campus</i>	47-48
<i>District</i>	49-50

90-DAY LOOK AHEAD SCHEDULE

<i>Cypress/Fullerton/Anaheim/District</i>	51
---	----

SITE PLAN — CYPRESS CAMPUS

FEASIBILITY, PLANNING, PROGRAMMING & DESIGN

- New Science, Engineering and Mathematics Building
- New Veterans' Resource Center & Student Activities Center Expansion
- Veterans' Memorial Bridge and Tribute Garden
- Pond Refurbishment
- Fine Arts Capital Improvements
- Swing Space Projects
- Update / Improve Infrastructure
- Mass Communication and Security Systems Upgrade



AERIAL VIEW — CYPRESS CAMPUS

CAMPUS PROJECTS

Veterans' Memorial Bridge
& Tribute Garden
[Construction]



New Science, Engineering
and Mathematics Building
[Construction]



Swing Space Projects
Parking Lot #5
[Close-Out]



- ▶ IT Network Refresh (Throughout Campus) [Implementation]
- ▶ Mass Communication & Security Systems Upgrade - Safety Film (6 Buildings on Campus) [Close-Out]
- ▶ Mass Communication & Security Systems Upgrade - Door Replacement (Building 9) [Close-Out]



New Veterans' Resource Center &
Student Activities Center Expansion
[Construction]



PROJECT STATUS REPORT — CYPRESS CAMPUS

NEW SCIENCE, ENGINEERING, AND MATHEMATICS BUILDING CONSTRUCTION

Address	9200 Valley View St. Cypress, CA 90630
Project Manager	Ryan Lippmann Cypress College
Architect	LPA, Inc.
Construction Manager at Risk	Sundt Construction, Inc.
Project Gross Square Footage	106,023 GSF
DSA Application A#	04-117024



Project Overview

High priority project to increase the efficiency of the square footage and accommodation of services for Science, Engineering, and Mathematics programs with 21 lecture and 23 lab classrooms, an Immersive Digital Classroom (IDC), and a Crematorium for the Mortuary Science Program.

Budget & Construction Costs

- Total Project Budget (Est.) \$100,429,246
 - New SEM Building (Est.) \$94,322,272
 - New SEM FF&E \$3,000,000
 - Infrastructure (Est.) \$2,801,641
 - Mass Communication (Est.) \$305,333
- Funding Sources Measure J & Campus Measure J (Est.) \$97,429,246
 - Campus Funds (Est. FF&E) \$3,000,000
- Construction Cost \$80,532,546

Schedule

- Design Start Jun. 29, 2016
- Construction Start Feb. 6, 2019
- Targeted Substantial Completion Feb. 2021
- Targeted Construction Completion Apr. 2021
- Targeted Academic Occupancy Jun. 2021

Allowances and Contingencies Status

	In Contract	Approved	%	Balance	%
CM Allowance	\$1,031,360	\$36,391	3.5	\$994,969	96.5
District Allowance	\$1,858,120	\$184,211	9.9	\$1,517,388	90.1
CM Contingency	\$1,437,988	\$0	0.0	\$1,437,988	100.0



PROJECT STATUS REPORT — CYPRESS CAMPUS

NEW VETERANS' RESOURCE CENTER & STUDENT ACTIVITIES CENTER EXPANSION CONSTRUCTION

Address	9200 Valley View St. Cypress, CA 90630
Project Manager	Ryan Lippmann Cypress College
Architect	LPA, Inc.
Construction Manager at Risk	Sundt Construction, Inc.
Project Gross Square Footage	12,119 GSF
DSA Application A#	04-117023



Project Overview

High priority project to increase the square footage and provide new accommodation of services for the Veterans' Resource Center (VRC)/Student Activities Center (SAC) Expansion.

Budget & Construction Costs

- Total Project Budget (Est.)\$14,616,861
 - VRC/SAC Building (Est.).....\$13,500,000
 - Infrastructure (Est.)\$1,055,923
 - Mass Communication (Est.).....\$60,938
- Funding Sources Measure J
 - Measure J (Est.)\$14,616,861
- Construction Cost.....\$9,834,968

Schedule

- Design Start Dec. 9, 2016
- Construction Start Feb. 6, 2019
- Targeted Substantial CompletionJun. 2020
- Targeted Construction Completion.....Aug. 2020
- Targeted Academic Occupancy..... Sep. 2020

Allowances and Contingencies Status

	In Contract	Approved	%	Balance	%
CM Allowance	\$257,840	\$7,546	2.9	\$250,294	97.1
District Allowance	\$214,530	\$23,069	10.7	\$214,530	89.3
CM Contingency	\$168,797	\$5,714	3.5	\$163,083	96.5



PROJECT STATUS REPORT — CYPRESS CAMPUS

VETERANS' MEMORIAL BRIDGE AND TRIBUTE GARDEN CONSTRUCTION

Address 9200 Valley View St.
Cypress, CA 90630

Project Manager Ryan Lippmann
Cypress College

Architect LPA, Inc.

Construction Manager at Risk Sundt Construction, Inc.

Project Square Footage 63,192 SF

DSA Application A# 04-117023



Project Overview

Construction of a Veterans' Memorial Bridge (VMB), Tribute Garden, and site improvements to adjacent areas, including VRC Plaza.

Budget & Construction Costs

- Funding Sources Measure J & Local
- Total Project Budget (Est.) \$1,600,800
 - Measure J (Est.) \$100,800
 - Local (Est.) \$1,500,000
- Construction Cost \$1,138,359

Schedule

- Design Start Dec. 9, 2016
- Construction Start Feb. 6, 2019
- Targeted Substantial Completion Dec. 2019
- Targeted Construction Completion Apr. 2020
- Targeted Occupancy Apr. 2020

Allowances and Contingencies Status

	In Contract	Approved	%	Balance	%
CM Contingency	\$19,538	\$0	0.0	\$19,538	100.0



PROJECT STATUS REPORT — CYPRESS CAMPUS

POND REFURBISHMENT CONSTRUCTION

Address 9200 Valley View St.
Cypress, CA 90630

Project Manager Ryan Lippmann
Cypress College

Architect LPA, Inc.

Construction Manager at Risk Sundt Construction, Inc.

Project Square Footage 16,357 GSF

DSA Application A# 04-117023



Project Overview

Repairs and refurbishment of existing ponds. Replacement of pond lining and rearrangement of water features.

Budget & Construction Costs

- Funding Sources Local
- Total Project Budget (Est.) \$682,017
Local (Est.) \$682,017
- Construction Cost \$546,468

Schedule

- Design Start Dec. 9, 2016
- Construction Start Feb. 6, 2019
- Targeted Substantial Completion. Dec. 2019
- Targeted Construction Completion Apr. 2020
- Targeted Occupancy Apr. 2020

Allowances and Contingencies Status

	In Contract	Approved	%	Balance	%
CM Contingency	\$9,379	\$0	0.0	\$9,379	100.0

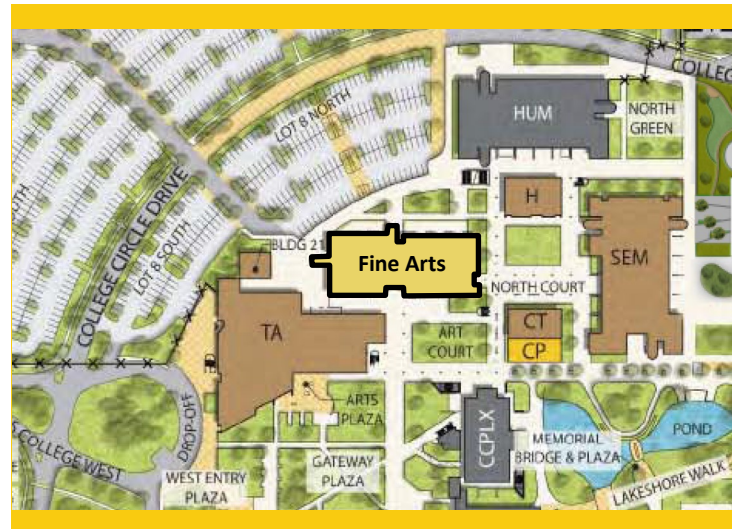


PROJECT STATUS REPORT — CYPRESS CAMPUS

FINE ARTS CAPITAL IMPROVEMENTS

PRE-PLANNING

Address	9200 Valley View St.
Project	Ryan Lippmann
Manager	Cypress College
Architect	TBD
Project Delivery Method	Design-Bid-Build



Project Overview

The project involves the renovation of the existing 36,804 ASF in the Fine Arts Building #2. Currently, related instructional programs are dispersed throughout the campus. Renovations will encompass functional and adequate recording arts, rehearsal and performance spaces are for music instruction, spaces for student study spaces near departmental faculty and other resources, and the reuse of existing vacant spaces currently not configured for instruction. Noise intrusion between spaces will be mitigated to minimize disruptions instruction and music practice, and new instructional technology will be installed to support current instructional methodologies and pedagogies. The scope also replaces the existing mechanical, electrical, and plumbing systems and allocates sufficient square footages for code compliant bathrooms.

- Preliminary Total Project Budget\$34,897,338
- Funding SourceMeasure J & State Capital Outlay
 - Measure J\$16,764,338
 - State Capital Outlay Funds\$18,133,000 (As Approved in FPP)
- Project Gross Square Footage.....66,765 GSF
- Estimated Construction Start.....Fall 2022
- Targeted CompletionWinter 2023/24



PROJECT STATUS REPORT — CYPRESS CAMPUS

SWING SPACE PROJECTS

CLOSE-OUT

Address	9200 Valley View St. Cypress, CA 90630
Project Manager	Ryan Lippmann / Phil Flemming Cypress College
Architect	(See Updates on Projects)
Project Delivery Method	(See Updates on Projects)



Project Overview

Currently, there were three different ventures that were part of the Swing Space Projects. Roof repairs were performed using Scheduled Maintenance Funds at the existing SEM Building, which will be occupied as a swing space upon the completion of the New SEM building. Available space within Gym II is accommodating the Student Activities Center (SAC) activities during construction of the New VRC/SAC. Parking Lot 5 South was reconfigured with the intent to increase parking capacity by 385 spaces to compensate for the loss of 200 stalls resulting from the construction site for the New SEM Building.

- Total Project Budget \$3,236,521
- Funding Source Measure J
 - Parking Lot #5..... \$2,300,000 (Estimated)
 - VRC / SAC Swing Space to Gym II..... \$200,000 (Estimated)
 - Unallocated Balance \$736,521 (Estimated)
- Construction Start
 - Parking Lot #5..... June 2018 (Complete)
 - VRC / SAC Swing Space to Gym II..... May 2018 (Complete)
- Targeted Completion
 - Parking Lot #5..... September 2018 (Complete)
 - VRC / SAC Swing Space to Gym II..... July 2018 (Complete)



PROJECT STATUS REPORT — CYPRESS CAMPUS

UPDATE/IMPROVE INFRASTRUCTURE

VARIOUS STAGES

Address	9200 Valley View St. Cypress, CA 90630	Total Project Budget	\$24,337,832
		Total Budget Allocated	\$9,857,564
Number of Projects	3	Funding Source	Measure J

General Overview

Projects to address infrastructure improvements or upgrades throughout the Campus. Funds are allocated to projects as needs are identified. For infrastructure projects related to the New SEM and VRC/SAC, please refer to pages 8 and 9 of this report.

IT Network Refresh Project Overview

IMPLEMENTATION

Assessment of Campus data network infrastructure to identify necessary upgrades and changes that will enable supporting future campus needs; specifically addressing wired, wireless, voice, and video networks. Design of a new network will account for the District's needs specific to logical infrastructure for the next 10 years. Physical infrastructure will also account for the District's needs for the next 20 years. The scope includes replacing network core switches, providing a more responsive support structure, preparing for cloud computing, and adaptation of voice over IP systems across the District.

- Project Budget\$6,000,000
- Funding SourceMeasure J & Capital Outlay Funds
- Project Delivery Method.....Competitive Bid - Best Value
- Architect.....Shandam Consulting
- Project ManagementDistrict IS / PlanNet Consulting
- Estimated Design Implementation Start.....Q-3 2019
- Targeted CompletionWinter 2021



PROJECT STATUS REPORT — CYPRESS CAMPUS

MASS COMMUNICATION & SECURITY SYSTEMS UPGRADE

VARIOUS STAGES

Address	9200 Valley View St. Cypress, CA 90630	Total Project Budget	\$4,648,500
		Total Budget Allocated	\$562,943
Number of Projects	4	Funding Source	Measure J

General Overview

Projects to address fire alarm, mass communication, security, access control, and lockdown systems throughout the Campus. Funds are allocated to projects as needs are identified. For mass communication & security systems projects related to the New SEM and VRC/SAC, please refer to pages 8 and 9 of this report.

Safety Film Project Overview

CLOSE-OUT

Installation of safety film at 6 buildings on campus. Among them are Building 3 SEM, Building 7 Gym I, Building 8 Student Activities, Building 11 Gym II, Building 12 Tech Ed II, and Building 20 Bookstore.

Project Delivery Method	Architect	General Contractor	Project Manager
CUPCCAA Approved	N/A	N/A	Ryan Lippmann

Budget & Construction Costs

- Funding SourcesMeasure J
- Total Project Budget (Est.)\$145,774
- Measure J (Est.).....\$145,774
- Construction Cost.....\$145,774

Schedule

- Design Start..... N/A
- Construction Start.....Apr. 24, 2018
- Targeted Substantial CompletionSep. 19, 2018
- Targeted Construction CompletionSep. 19, 2018
- Targeted Occupancy N/A



PROJECT STATUS REPORT — CYPRESS CAMPUS

MASS COMMUNICATION & SECURITY SYSTEMS UPGRADE (Continued)

Door Replacement Project Overview

CLOSE-OUT

Installation of modified entry doors at Building 9 Business Education.

Project Delivery Method	Architect	General Contractor	Project Manager
CUPCCAA Approved	N/A	N/A	Ryan Lippmann

Budget & Construction Costs

- Funding Sources Measure J
- Total Project Budget (Est.) \$50,671
- Measure J (Est.) \$50,671
- Construction Cost \$50,671

Schedule

- Design Start N/A
- Construction Start Apr. 24, 2018
- Targeted Substantial Completion Jan. 2, 2019
- Targeted Construction Completion Jan 2, 2019
- Targeted Occupancy N/A



PROJECT STATUS REPORT — CYPRESS CAMPUS

UPDATES ON CAMPUS PROJECTS - CYPRESS COLLEGE

New Science, Engineering, and Mathematics Building

- Foundation work continues in earnest at the two wings of the building. Pile driving has concluded and piles are being connected to grade beams to fulfill the foundation design. Excavations of grade beams has also concluded in tandem with excavations for elevator pits. Excavation activities are anticipated to continue until August. Concrete for the grade beams and elevator pit walls was anticipated to be poured through the end of July, highlighted by three continuous pours of approximately 850 cubic yards of concrete each. Foundation work is to last until November 2019, when the first steel components are projected to be erected on site. The south wing is further ahead in the sequence of activities. Rebar has been installed and inspected in preparation for concrete to be poured in early August. Excavation has concluded in the north wing where installation of grade beam rebar will continue into August. Around the future IDC, foundation footings have been dug, and rebar will be installed in August proceeding with concrete pouring later in the month. The installation of underground Mechanical, electrical and plumbing will proceed in August.
- Deferred approvals from DSA approved construction drawings and specifications for building components are being processed for submission to the state agency. Target submittal date for elevator guide rails, storefront and curtain wall systems, rainscreen system and greenhouse glazing assembly is late August 2019.
- Noise monitoring consultants have been involved in the project to evaluate noise impact via a professional study, opinion and noise mitigation plan in order to reduce and mitigate any complaints from the neighboring community and/or students and faculty. The College worked with Dudek for an amendment to the current EIR. The Board of Trustees approved the amendment on May 14th, 2019. Based on secondary monitoring and reconciliation, it has been determined that pile driving was completed within EIR and contractual limitations for noise and vibration.
- Changes to the approved construction documents shall be made by means of Construction Change Documents or CCD. Changes which affect the Structural, Access or Fire & Life Safety portions of the project must be submitted to DSA for review and approval.
- The adoption of deductive alternates on the building exterior fastener type and plaster exterior soffits will be reflected on the construction documents via a CCD. It will be prepared by the Architect of Record and subsequently reviewed and approved by DSA for incorporation into the drawings.
- A waterproofing and building envelope quality review will be conducted by a third-party vendor. An RFP is in the works and will be released for responses from qualified vendors.
- The project team has identified several value engineering items for consideration. Updates will be provided as options are validated with the building user group and conclusions are reached. The following entries are currently under review for potential savings:
 - IDC Dome Contracting Options
 - Security Alarm System and Access Control
 - Flooring Options for Finishes
 - Lighting Fixtures Options
 - Reconciliation of existing conditions at Lot 5 with project drawings



PROJECT STATUS REPORT — CYPRESS CAMPUS

UPDATES ON CAMPUS PROJECTS - CYPRESS COLLEGE (Continued)

- Savings by design, a statewide incentive program encouraging the design and construction of high-performance and energy efficient building will be issuing a rebate for \$44,670 to the project, following the submittal and review of all required documentation to Southern California Edison.
- At the time of press, there were 68 potential change orders being processed.
- PCCO 01 was approved on 6/17/2019 for \$240,321. The scope of work approved encompassed project webcams and security cameras monitoring and analytics, additional bedding for storm drain trench, replacement of fiberoptic cabling, IDC equipment scope buyout, and repairs related to an undocumented 10" domestic water lines struck on site. Costs for this PCCO were addressed by the District Allowance allocated as part of the current contract with Sundt. There are no increases to the contracted amount to date with the Construction Manager at Risk.
- PCCO 02 was approved on July 24th, 2019 for \$63,191 related to the New SEM. Costs for this PCCO have been addressed by the existing CM and District Allowances part of the CMAR contract with Sundt. There are no increases to the contracted amount to date with the Construction Manager at Risk.
- The South Coast Air Quality Management District (SCAQMD) has granted approvals for the installation of the incinerator equipment for this project.
- Integrated Security and Communication is reviewing project documents related to access control in order to provide recommendations for scope and specification revisions. Results of the evaluation were provided to the Construction Manager in late July.
- The rerouting of several existing utilities and tie-in of new ones will be underway over winter break. Primarily the electric feed re-route at the Maintenance and Operations Building frontage road.
- Dovetail and Cypress College worked in completing the project FF&E matrix in July 2019. LPA and tk1sc began coordination on project drawings based on completed matrix.

New Veterans' Resource Center & Students Activities Center Expansion

- Work on the new VRC foundation is entering the final stages. Foundation work is progressing quickly. Concrete has been poured on the installed caissons and grade beams. Preparations are underway for the installation of rebar and formwork for the upcoming slab on grade. The erection of structural steel columns and beams is anticipated at the end of August. A fire hydrant located in the vicinity of the VRC is being relocated this month. The existing sewer line in the SAC is being replaced, and the building's slab on grade will be repaired upon completion of this activity. Mechanical, electrical and plumbing rough ins will be installed in late August alongside the fire sprinkler main.
- Scope of work encompassing pond refurbishment beyond the necessary for completion of the new VRC will be completed using one-time Campus funding.
- Deferred approvals from DSA approved construction drawings and specifications for building components are being processed for submission to the state agency. Target submittal date for storefront and curtain wall systems and rainscreen system is late August 2019.



PROJECT STATUS REPORT — CYPRESS CAMPUS

UPDATES ON CAMPUS PROJECTS - CYPRESS COLLEGE (Continued)

- Changes to the approved construction documents shall be made by means of Construction Change Documents or CCD. Changes which affect the Structural, Access or Fire & Life Safety portions of the project must be submitted to DSA for review and approval.
- The adoption of deductive alternates on the building exterior fastener type will be reflected on the construction documents via a CCD. It will be prepared by the Architect of Record and subsequently reviewed and approved by DSA for incorporation into the drawings.
- Magnolia Environmental has submitted to the campus project team a complete report following a hazardous materials survey completed at the existing SAC building. It shows the presence of hazardous materials in small concentrations. The information in the report will be used by the abatement team to demolish and dispose in accordance with established environmental and safety guidelines. Demolition activities were scheduled to start in July 2019.
- Asbestos Containing Material (ACM) piping was discovered, validated, and marked. An abatement procedure was drafted and submitted to Air Quality Management District (AQMD). EWaste Solutions was selected to manage the removal of the ACM pipe in accordance with Procedure 5 paperwork. Magnolia Environmental has submitted to the campus project team a completed at the existing SAC building. It shows the presence of hazardous in small concentrations. Additionally, lead containing materials were found. The information in the report will be used by the abatement team to demolish and dispose in accordance with established environmental and safety guidelines. Demolition activities are underway.
- Mold has been uncovered in sections of the existing SAC building following completion of demolition activities in the space. The material might have formed as a result of the known roof leaks in the structure. UEI will be contracted for the abatement of the substance prior to the installation of new components to the existing building. Mold abatement activities at the SAC will tentatively take place in late August.
- The District is reviewing options for repair of the piazza deck to prevent water intrusion to new construction in the SAC, following an initial bid of this project that resulted in a singular respondent. DLR, the campus architect will be tasked to take the lead in designing a solution for this issue. This project will be addressed by Campus Scheduled Maintenance funds.
- An RFP for the Piazza deck scope of work is in progress and will be released to prequalified general contractors and waterproofing consultants. The approach for resolving the current leaks is to use a spray-applied topical system.
- At the time of press, there were 50 potential change orders being processed. The cost impact for the entries under review has not been determined.
- PCCO 02 was approved on July 24th, 2019 for \$36,329 related to the New VRC/SAC. This PCCO was inclusive of a credit for \$8,411 for the demolition of trees in the vicinity of the project which was deemed unnecessary. Costs for this PCCO have been addressed by the existing CM and District Allowances part of the CMAR contract with Sundt. There are no increases to the contracted amount



PROJECT STATUS REPORT — CYPRESS CAMPUS

UPDATES ON CAMPUS PROJECTS - CYPRESS COLLEGE (Continued)

to date with the Construction Manager at Risk.

- LPA has completed submission of the necessary documentation for a Saving by Design rebate, a state-wide incentive program administered by Southern California Edison encouraging the design and construction of high-performance and energy efficient buildings.
- Integrated Security and Communication is reviewing project documents related to access control in order to provide recommendations for scope and specification revisions. Results of the evaluation will be provided to the Construction Manager in late July.

Veterans' Memorial Bridge and Tribute Garden

- Grading for the Tribute Garden and Bridge has concluded. The pond catch basin has been excavated. Diggings will continue for the installation of rough in electrical as well as the fountain supply and return piping. Installation of concrete light bases, retaining walls, and irrigation lines will continue until mid-August
- Scope of work encompassing pond refurbishment beyond the necessary for completion of the new VRC will be completed using one-time Campus funding.

Pond Refurbishment

- Pond catch basin has been excavated. Diggings will continue for the installation of rough in electrical as well as the fountain supply and return piping.
- Sundt is working on pond edge mock-ups for campus project team's review and selection. One sample was being built by the end of July. Two additional mock ups will be erected in August.

Fine Arts Capital Improvement

- The Final Project Proposal (FPP) was approved by the California Community College Chancellor's Office (CCCO) with a 60% share from State funds and 40% contribution from Measure J. Full approval of funds is pending by the State Legislature for the fiscal year 2020-2021 spending plan. The FPP was submitted to and approved by the Board of Trustees as part of the 5-year construction plan in late 2018. An update regarding the Maintenance and Operation budget for the first year of occupancy is being completed. Currently it is projected to be 2025, at the time of submission it was listed as 2021. Once revisions are made in regards to escalation then the FPP will be resubmitted.

Swing Space Projects

- Parking Lot #5 Expansion - GB Construction, Inc. dba Golden Bear Construction completed construction activities at the project site. The project has entered the close-out phase.
- Following completion of construction activities, deficiencies were found with ADA path of travel cross slopes along the pedestrian sidewalk directly in front of the new ADA parking stalls. The campus project team is working in conjunction with GB Construction and Sundt to develop a remediation



PROJECT STATUS REPORT — CYPRESS CAMPUS

UPDATES ON CAMPUS PROJECTS - CYPRESS COLLEGE (Continued)

plan, under which repairs would be completed by Sundt's subcontractor KAR Construction. Project construction retention to GB Construction has not been released, and will be used to cover any costs related to the identified deficiencies.

- Veterans' Resource Center / Student Activities Center move to Swing Space at Gym II - Personnel move to the renovated swing space was completed in June. The project is in the close-out phase.

Update / Improve Infrastructure **IT Network Refresh Project**

- On July 23rd, 2019, the Board of Trustees approved the selection Vector Resources Inc. dba VectorUSA, the company that submitted the lowest responsible proposal in RFP #1819-01, was an authorized vendor under various California Multiple Award Schedule Contracts issued by the State of California Department of General Services Procurement Division ("CMAS") in the amount not to exceed \$18,650,875.08 distributed amongst the three campuses and two remote locations between Measure J and Capital Outlay funds. District Staff, in consultation with the District's legal counsel, have determined that the Districtwide IT Network Refresh Project may be procured using the CMAS contracts as detailed in Resolution No. 2019/20-01 as authorized by Government Code Section 10299. It is anticipated that the implementation will be completed in 2021, and that the project will be divided into multiple phases so that the District can adapt the implementation as technology evolves during the implementation timeframe. Additional details of project phasing and implementation will be shared as they become available.
- The Network Refresh Project will be executed using a phased scheduling approach for each one of the project sites. The phases identified below overlap and may not be executed in a consecutive manner. Phases might differ from site to site depending on the final schedule configuration. The initial project schedule has been drafted preventing over-allocation of resources and minimizing the time to complete the project and the impact on end users.

Installation Plan—Sep. 2019 to Jul. 2020

Migration and Cutover Plan—Oct. 2019 to Jul. 2020

Acceptance and Testing Plan—Jul. 2020 to Dec. 2020

Training Plan—Nov. 2020 to Feb. 2020

The process will be started with a project kick-off meeting to be held in the upcoming weeks. Following the project kickoff meeting, Vector USA will perform the following initial surveys onsite at the NOCCCD site locations; Cabling Survey and Testing; Infrastructure, Closet and Rack Survey; and Wireless Survey. The resulting information from the initial site surveys will be provided to the district to inform subsequent system design meetings in early September 2019.



PROJECT STATUS REPORT — CYPRESS CAMPUS

UPDATES ON CAMPUS PROJECTS - CYPRESS COLLEGE (Continued)

New Science, Engineering, and Mathematics Building Infrastructure

- For the latest developments refer to the New SEM project updates.

New VRC/SAC Expansion Building Infrastructure

- For the latest developments refer to the New VRC/SAC project status updates.

Mass Communication and Security Systems Upgrade

New Science, Engineering, and Mathematics Building, Mass Communication & Security System Project

- For the latest developments refer to the New SEM project updates.

New VRC/SAC Expansion, Mass Communication & Security System Project

- For the latest developments refer to the New VRC/SAC project status updates.

Safety Film Project

- Construction activities for this project have concluded. Cost for project is estimated at \$145,774. The project is in the close-out phase.

Door Replacement Project

- Door installation was completed on January 2nd, 2019. The project is in the close-out phase.

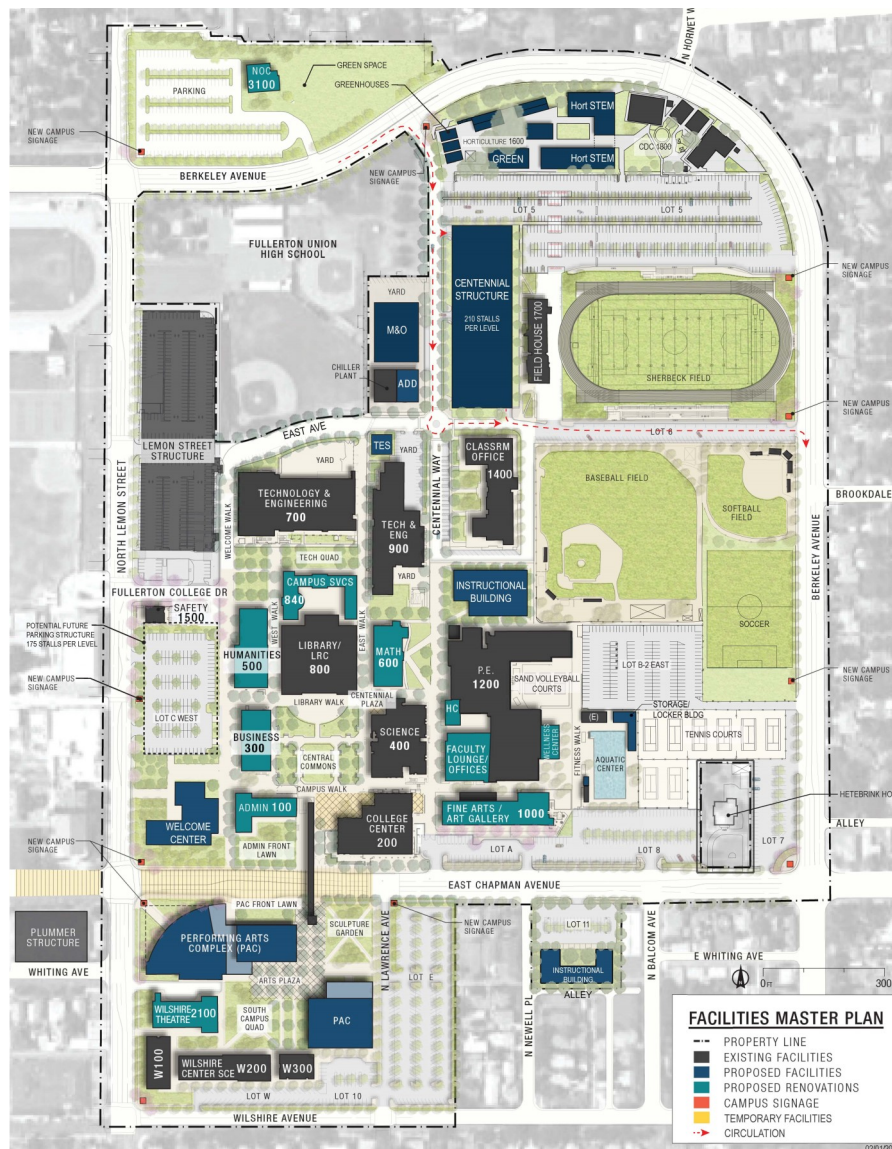


Intentionally Left Blank

SITE PLAN — FULLERTON CAMPUS

FEASIBILITY, PLANNING, PROGRAMMING & DESIGN

- Renovate Buildings 300 & 500
- New Instructional Building
- Central Plant Replacement and Expansion
- New Parking Structure
- New Maintenance and Operations Building
- Update / Improve Infrastructure



AERIAL VIEW — FULLERTON CAMPUS

CAMPUS PROJECTS

Update / Improve
Infrastructure - Sewer Line
Replacement to Buildings
300 & 500
[Agency Review]



Central Plant Replacement
& Expansion - [DSA Review]

New Maintenance & Operations
Building
[Pre-Planning]

New Parking Structure
[Pre-Planning]

- IT Network Refresh (Throughout Campus)
[Implementation]



Renovate Buildings 300 & 500
[DSA Review]



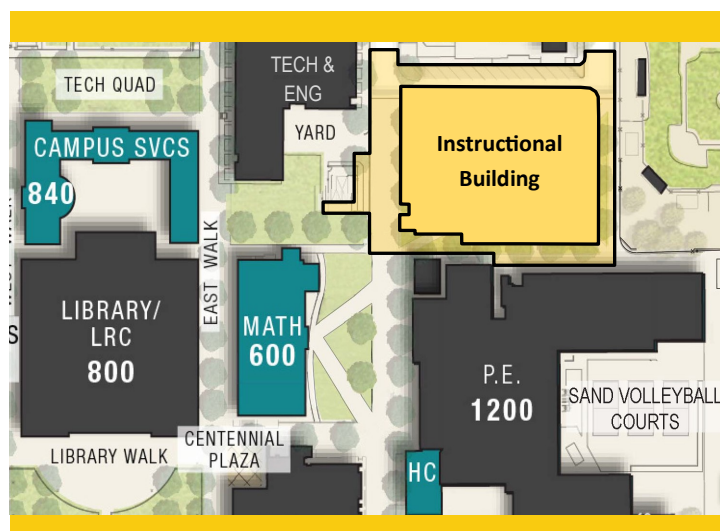
New Instructional
Building
[DSA Review]



PROJECT STATUS REPORT — FULLERTON CAMPUS

NEW INSTRUCTIONAL BUILDING DSA REVIEW

Address	321 E. Chapman Ave.
Project	Oscar Saghie
Architect	BNBuilders, Inc, & Roesling Nakamura
Project Delivery	Progressive Design-
DSA Application A#	04-118108



Project Overview

The building will help meet campus growth needs with the goal of consolidating an instructional division into a single building. The building will accommodate more than 40 classrooms and the division office services including staff offices. Scope of work for this projects includes the expansion of the Chilled Water plant. Refer to page 31 of this report for information.

- Total Project Budget\$53,588,031
- Funding SourceMeasure J
- Project Gross Square Footage74,927 GSF
- Estimated Construction Start.....Winter 2019
- Targeted CompletionSummer 2021

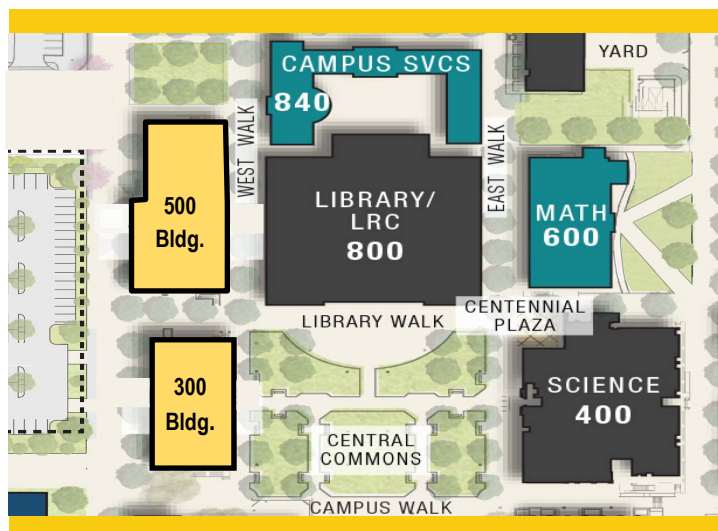


PROJECT STATUS REPORT — FULLERTON CAMPUS

RENOVATE BUILDINGS 300 & 500

DSA REVIEW

Address	321 E. Chapman Ave.
Project	Oscar Saghie
Architect	R2A Architecture
General Contractor	TBD
Project Delivery	Design-Bid-Build
DSA Application A#	04-118314



Project Overview

Total renovation of Buildings 300 and 500, including historic consideration of Building 300. The renovated buildings will contain general classrooms, CIS laboratories, ACT laboratories, photography laboratories, Dean and faculty offices, shared laboratories, and a lecture hall.

- Total Project Budget\$35,830,000
- Funding SourceMeasure J & State Capital Outlay
 - Measure J\$20,482,000
 - State Capital Outlay Funds\$15,348,000
- Project Gross Square Footage.....55,451 GSF
- Estimated Construction Start.....Summer 2021
- Targeted CompletionWinter 2022/23



PROJECT STATUS REPORT — FULLERTON CAMPUS

CENTRAL PLANT REPLACEMENT AND EXPANSION DESIGN DEVELOPMENT

Address	321 E. Chapman Ave. Fullerton, CA 92832
Project Manager	Oscar Saghie Fullerton College
Design-Builder	BNBuilders, Inc, & Roesling Nakamura Terada Architects, Inc.
Project Delivery Method	Progressive Design-Build



Project Overview

Replacement and expansion of the Central Plant to accommodate planned new facilities and renovations and improve efficiency in servicing existing buildings. Project includes the replacement and expansion of the existing central plant to accommodate for three 600-ton high-efficiency water chillers and cooling towers. Budgets will be adjusted to reflect the recently revised scope of work.

- Total Project Budget\$10,600,000
- Funding SourceMeasure J
- Project Gross Square Footage.....TBD
- Estimated Construction Start for Phase I.....Summer 2020
- Targeted Completion for Phase ISummer 2021



PROJECT STATUS REPORT — FULLERTON CAMPUS

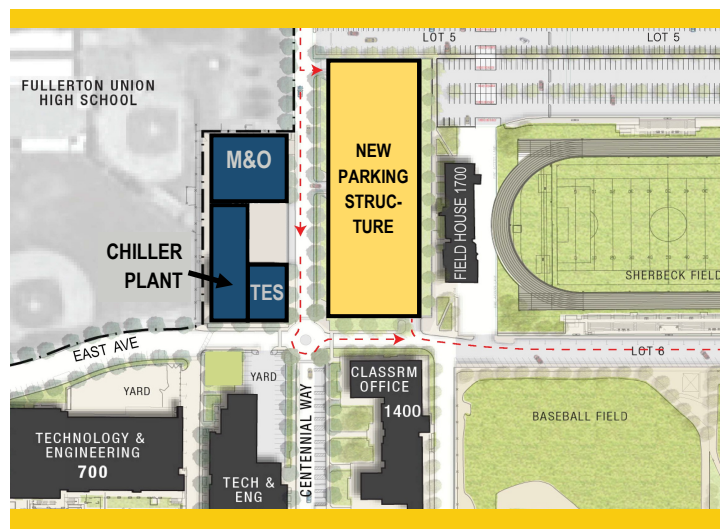
NEW PARKING STRUCTURE PRE-PLANNING

Address 321 E. Chapman Ave.
Fullerton, CA 92832

Project Manager Oscar Saghie
Fullerton College

Architect TBD

Project Delivery Method TBD



Project Overview

New parking structure building to accommodate the need for additional parking for staff and students, with 840 spaces not exceeding 4 Levels.

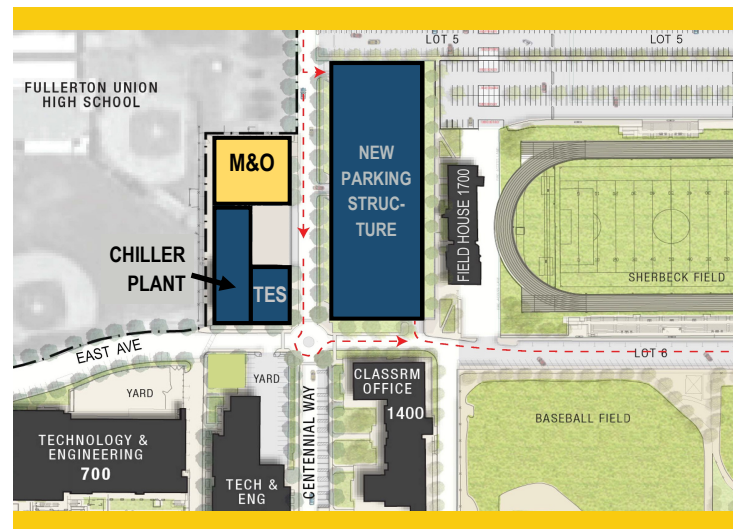
- Total Project Budget\$33,205,037
- Funding SourceMeasure J
- Project Gross Square Footage.....260,000 GSF
- Estimated Construction Start.....Winter 2023
- Targeted CompletionSummer 2024



PROJECT STATUS REPORT — FULLERTON CAMPUS

NEW MAINTENANCE & OPERATION BUILDING PRE-PLANNING

Address	321 E. Chapman Ave. Fullerton, CA 92832
Project Manager	Oscar Saghie Fullerton College
Architect	TBD
Project Delivery Method	TBD



Project Overview

The New Maintenance and Operations building will centralize all M & O services into a single building located on the main campus. The building will include trade-specific workshops for maintenance, grounds, facilities, custodial personnel while improving response time and efficiencies by locating the building on the main campus adjacent to the central plant.

- Total Project Budget\$14,785,944
- Funding SourceMeasure J & Local Funds
 - Measure J\$6,758,944
 - Local Funds.....\$8,000,000
- Project Gross Square Footage.....22,300 GSF
- Estimated Construction Start.....Winter 2023
- Targeted CompletionSummer 2024



PROJECT STATUS REPORT — FULLERTON CAMPUS

UPDATE/IMPROVE INFRASTRUCTURE

VARIOUS STAGES

Address	321 E. Chapman Ave. Fullerton, CA 92832	Total Project Budget	\$31,370,654
		Total Budget Allocated	\$8,363,292
Number of Projects	2	Funding Source	Measure J

General Overview

Projects to address infrastructure improvements or upgrades throughout the Campus. Funds are allocated to projects as needs are identified.

IT Network Refresh Project Overview

BIDDING

Assessment of Campus data network infrastructure to identify necessary upgrades, and changes that will enable supporting future campus needs; specifically addressing wired, wireless, voice, and video networks. Design of a new network will account for the District's needs specific to logical infrastructure for the next 10 years. Physical infrastructure will also account for the District's needs for the next 20 years. The scope includes replacing network core switches, providing a more responsive support structure, preparing for cloud computing, and adaptation of voice over IP systems across the District.

- Project Budget\$8,000,000
- Funding SourceMeasure J & Capital Outlay Funds
- Project Delivery Method.....Competitive Bid - Best Value
- Architect.....Shandam Consulting
- Project ManagementDistrict IS / PlanNet Consulting
- Estimated Design Implementation Start.....Q-3 2019
- Targeted CompletionWinter 2021



PROJECT STATUS REPORT — FULLERTON CAMPUS

UPDATE/IMPROVE INFRASTRUCTURE

VARIOUS STAGES

Sewer Line Replacement to Buildings 300 & 500

AGENCY REVIEW

Design and construction for a new sewer line leading out of Building 300, and a new sewer line leading out of Building 500, as the existing lines are not functioning properly. The new sewer lines will travel from the existing buildings to the new saddle points of connection at the City of Fullerton's sanitary sewer line, which is located on North Lemon Street.

- Project Budget\$454,305
- Funding SourceMeasure J & Schedule Maintenance Funds
 - Measure J\$363,292
 - Scheduled Maintenance Funds\$91,013
- Project Delivery Method.....Design-Bid-Build
- Architect.....R2A Architects
- Estimated Construction Start.....Summer 2020
- Targeted CompletionSummer 2020



PROJECT STATUS REPORT — FULLERTON CAMPUS

UPDATES ON CAMPUS PROJECTS - FULLERTON COLLEGE

New Instructional Building

- The design-build entity received back-check comments from DSA on 7/30/2019. The team is reviewing the information provided and will be coordinating responses in the upcoming 6 to 8 weeks.
- On June 4th, a meeting involving the design-build team and campus project team was held to review project costs at the iGMP stage. The costs presented were preliminary and comprised of pre-bid estimates per future bidding packages. This exercise has served as an advertisement to the local specialty contractors on the upcoming release to bid of the project upon DSA approval. The construction phase is estimated at \$41,231,022 inclusive of a 2% escalation contingency and a 3% construction contingency. The current escalation contingency will be disseminated between direct costs and construction contingency at the GMP stage, to be completed upon DSA approval of drawings and specifications.
- An RFP for the selection of the Inspector of Record (IOR) for will be released to the District prequalified pool of vendors. Proposals will be due on August 29th, 2019 for short listing and interviews to take place in September 2019. One IOR will be selected for the project, with the option of bringing additional inspectors for support if there are any schedule limitations.
- An RFP for the selection of the Laboratory of Record and special materials testing (LOR) for will be released to the District prequalified pool of vendors. Proposals will be due on August 29th, 2019 for selection to take place in September 2019.
- The design team is working towards the established goals by the program Savings by Design from Southern California Edison. The required documentation will be submitted to SCE concurrently with the upcoming submittal to DSA for review. At the current design stage, the energy model and whole-building summary reports have been submitted for review. Separate applications for the New Instructional Building and the Central Plant Replacement and Expansion for Savings by Design have been submitted to Southern California Edison.
- In response to the Fullerton College EIR mitigation and monitoring programs, RNT in collaboration with IS Architecture produced a Historical Preservation plan draft addressing construction and vibration impacts during construction. The campus project team will be issuing a list of thresholds and mitigation measures necessary to fulfill EIR requirements for incorporation into the construction logistics plan by BN Builders.

Renovate Buildings 300 & 500

- A final list of 14 deductive alternates has been compiled, reviewed, and approved by all project stakeholders. Alternates have been incorporated into the project drawings by R2A Architecture and distributed on July 2nd, 2019. The deductive alternates will add flexibility at the time of bidding, if costs exceed established threshold by DSA of 50% building cost of replacement. Among the deductive alternates are the following: Roofing repairs options, exterior façade surface treatment, window material and refurbishment options, door material and refurbishment options, door hardware,



PROJECT STATUS REPORT — FULLERTON CAMPUS

UPDATES ON CAMPUS PROJECTS - FULLERTON COLLEGE (Continued)

elevator replacement or refurbishment, entrance feature refurbishment, flooring, and electrical equipment among a few others. For Building 300, the list amounts to approximately \$550,210, while for Building 500, the total on potential deductive alternates nears \$974,754. Estimated costs are subject to change.

- The campus project team and Dovetail solutions continue working on the arrangement of classroom furniture and fixtures. Any changes that might affect the construction documents will be incorporated as part of the back-check process with DSA.
- Specification Divisions 0 and 1 are under development by the campus project team. MAAS is in the process of assisting in the development of these project documents in preparation for project bidding upon completion of construction work for the New Instructional Building.
- The campus project team and Architect of Record are working with Old California Lighting for the retrofits and fabrication of prototypes for the light fixtures contributing to the historical fabric of the project. The refurbishments are necessary to meet the lumen distribution requirements in compliance with the requirements of the California Building Code electrical and ADA codes.
- Following recent communications with Fullerton Heritage, R2A reexamined the as-built plans for the 300 Building, the Design team determined that linoleum would be an appropriate tile replacement for the original cork. Fullerton Heritage has accepted the Architect of Record position and conclusions. The most recent version of the project cost estimate was shared with the non-profit for their reference.
- P2S Engineering and R2A Architecture are closely working with Southern California Edison (SCE) for the project application to the Savings by Design program. Energy models and calculations were submitted to SCE for review in mid-August.

New Parking Structure

- Evaluating Design-Build project delivery method.
- Project budget has been revised and increased to account for construction escalation costs at mid-point of construction. The project budget will be revised in the future close to the onset of project design.
- Construction will not start until the renovation of 300 & 500 Buildings has been completed.
- Target Construction Start in conjunction with M&O Building - Winter 2023.

New Maintenance & Operations Building

- Target Construction Start in conjunction with New Parking Structure - Winter 2023.
- Project budget has been revised and increased to account for construction escalation costs at mid-point of construction. The project budget will be revised in the future close to the onset of project design.



PROJECT STATUS REPORT — FULLERTON CAMPUS

UPDATES ON CAMPUS PROJECTS - FULLERTON COLLEGE (Continued)

Central Plant Replacement and Expansion

- The project was registered with DSA on June 10th, 2019. An application number was issued, which was used for reference with the State Agency. Drawings and Specifications were submitted on July 22nd, 2019 for review.
- BN Builders and RNT Architecture submitted to the college project team drawings and specifications at the 100% Construction Documents design stage on July 22nd, 2019. The building is designed to be a single-story structure with 12" concrete masonry units (CMUs) walls, three roll up doors to the east of the building for ease of access to the three chillers. It will have a flat roof with a single large drain tied to the stormwater system. A mechanical and electrical yard will be located to the west of the building abutting the neighboring property. A budget options log is in place for desired alternates to be included if budget allows. Discussions regarding a water softening mechanism are underway. Different chiller systems are being considered for final selection. The major design changes from the previous design stage are the addition of a water softening system as an alternate to the drawings, the removal of accessible parking stalls per DSA feedback, the removal of copper downspouts in lieu of a roof drain, and the rotation of the central plan building by 180 degrees from the original set up.
- A meeting took place on July 31st, 2019 for the review of the 100% Construction Drawings including the building user group, design-build entity and campus project team. Minor changes were executed on the drawings submitted to DSA from the previous design stage. Three alternates were identified; water softener, rod iron gates with patterns, and motorized roll-up gates; which will be included into the project pending project budget confirmation at the GMP stage. Initial comments from DSA are anticipated in October 2019. Any changes derived from the review by the building user group will be incorporated to the drawings at that back-check stage. The local fire department sign-off was obtained for the final set of drawings.
- The cost reconciliation review meeting for the 50% Construction Documents took place on July 31st, 2019. Cost estimates from O'Connor CM and BN Builders deviated by 5.9%, with the DBE at approximately \$8.8 million in direct and indirect construction costs. The design-builder is carrying a 5% Design Estimating Contingency of approximately \$325,000 as part of the cost for this design stage. The iGMP will be submitted in early September inclusive of pre-bid estimates from subcontractors and vendors based on the 100% Construction Documents scope of work.
- Review of the building construction documents continues at DSA. At the time of press DSA Project eTracker reviewers are continuing their examination of the submitted documents and report 50 percent of review completed for Access Compliance, 85 percent for Fire & Life Safety, and 80 percent for Structural Safety.
- Additional potholing will be completed in the upcoming months to confirm existing utility locations, and the absence of any undocumented underground infrastructure within the new Central Plant building footprint. Part of the scope of work is the confirmation on the slope and depth of the existing sewer line to be connected to the new building.



PROJECT STATUS REPORT — FULLERTON CAMPUS

UPDATES ON CAMPUS PROJECTS - FULLERTON COLLEGE (Continued)

- An RFP for the selection of the Inspector of Record (IOR) for will be released to the District prequalified pool of vendors. Proposals will be due on August 29th, 2019 for short listing and interviews to take place in September 2019. One IOR will be selected for the project, with the option of bringing additional inspectors for support if there are any schedule limitations.
- An RFP for the selection of the Laboratory of Record and special materials testing (LOR) for will be released to the District prequalified pool of vendors. Proposals will be due on August 29th, 2019 for selection to take place in September 2019.
- Separate applications for the New Instructional Building and the Central Plant Replacement and Expansion for Savings by Design have been submitted to Southern California Edison.

Update / Improve Infrastructure

IT Network Refresh Project

- On July 23rd, 2019, the Board of Trustees approved the selection Vector Resources Inc. dba VectorUSA, the company that submitted the lowest responsible proposal in RFP #1819-01, was an authorized vendor under various California Multiple Award Schedule Contracts issued by the State of California Department of General Services Procurement Division ("CMAS") in the amount not to exceed \$18,650,875.08 distributed amongst the three campuses and two remote locations between Measure J and Capital Outlay funds. District Staff, in consultation with the District's legal counsel, have determined that the Districtwide IT Network Refresh Project may be procured using the CMAS contracts as detailed in Resolution No. 2019/20-01 as authorized by Government Code Section 10299. It is anticipated that the implementation will be completed in 2021, and that the project will be divided into multiple phases so that the District can adapt the implementation as technology evolves during the implementation timeframe. Additional details of project phasing and implementation will be shared as they become available.
- The Network Refresh Project will be executed using a phased scheduling approach for each one of the project sites. The phases identified below overlap and may not be executed in a consecutive manner. Phases might differ from site to site depending on the final schedule configuration. The initial project schedule has been drafted preventing over-allocation of resources and minimizing the time to complete the project and the impact on end users.

Installation Plan—Sep. 2019 to Jul. 2020

Migration and Cutover Plan—Oct. 2019 to Jul. 2020

Acceptance and Testing Plan—Jul. 2020 to Dec. 2020

Training Plan—Nov. 2020 to Feb. 2020

The process will be started with a project kick-off meeting to be held in the upcoming weeks. Following the project kickoff meeting, Vector USA will perform the following initial surveys onsite at the NOCCCD site locations; Cabling Survey and Testing; Infrastructure, Closet and



PROJECT STATUS REPORT — FULLERTON CAMPUS

UPDATES ON CAMPUS PROJECTS - FULLERTON COLLEGE (Continued)

Rack Survey; and Wireless Survey. The resulting information from the initial site surveys will be provided to the district to inform subsequent system design meetings in early September 2019.

Sewer Line Replacement to Buildings 300 & 500

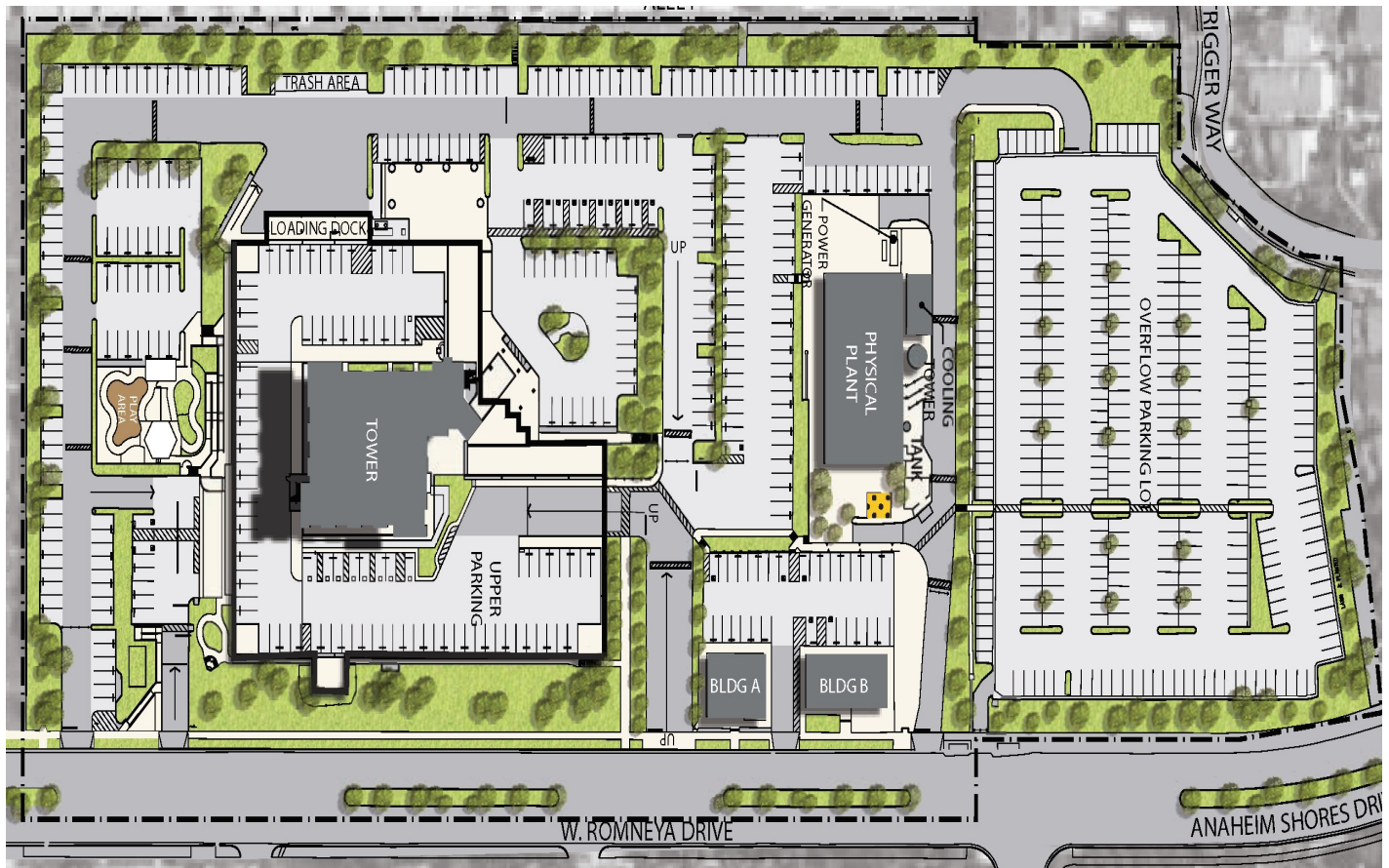
- Project construction drawings have been approved by the City of Fullerton. Upon completion of project bidding and general contractor selection, permits will be released by the City to the awarded general contractor. Construction is expected to take place over summer break in 2020.



SITE PLAN — ANAHEIM CAMPUS

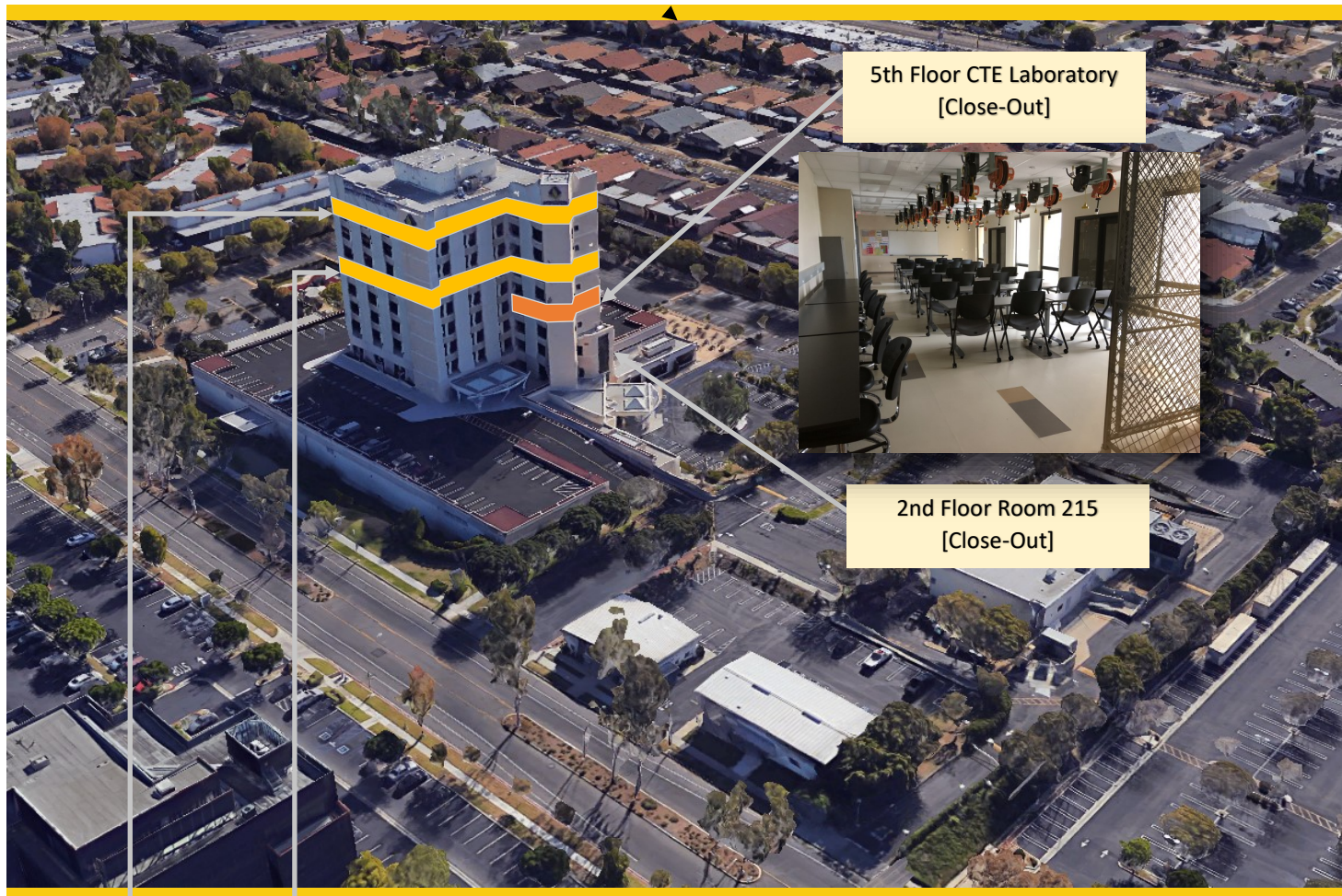
FEASIBILITY, PLANNING, PROGRAMMING & CONSTRUCTION

- Anaheim 7th & 10th Floors Buildout
- 5th Floor CTE Laboratory and 2nd Floor Counseling Office Room 215
- Update / Improve Infrastructure
- All Project Scopes, Budgets, Schedules and Priorities under review in conjunction with the Facilities Master Plan Update.
 - 1st Floor Upgrades
 - Upper Parking Lot Refurbishment



AERIAL VIEW — ANAHEIM CAMPUS

CAMPUS PROJECTS

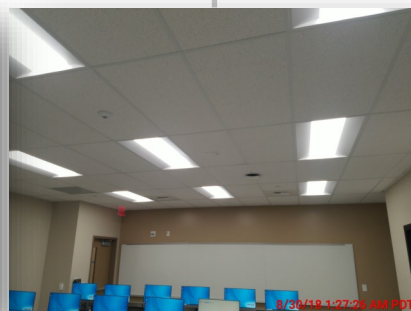


5th Floor CTE Laboratory
[Close-Out]

2nd Floor Room 215
[Close-Out]



10th Floor Buildout
[Complete]



7th Floor Buildout
[Complete]

IT Network Refresh
(Throughout Campus)
[Implementation]

PROJECT STATUS REPORT — ANAHEIM CAMPUS

7th AND 10th FLOORS BUILDOUT CLOSE-OUT

Address	1830 W. Romneya Dr. Anaheim, CA 92801
Project Manager	Rick Williams NOCCCD
Architect	R ² A Architecture
General Contractor	Paul C. Miller Construction Co.
Project Gross Square Footage	19,630 GSF (7th & 10th)
Project Delivery Method	Design - Bid - Build
DSA Application A#	04-115733



Project Overview

The 7th floor remodels will accommodate NOCE's needs for assessment centers, while the 10th floor will accommodate the District's Vice Chancellor, Educational Services & Technology Department.

Budget & Construction Costs

- Funding Sources Measures X & J
- Total Project Budget (Est.) \$6,038,776
 - Measure X (Est.) \$3,887,417
 - Measure J (Est.) \$2,151,359
- Construction Cost \$3,751,300
 - Contracted Amount \$3,574,000
 - Contracted Allowance \$200,000
 - Allowance Used \$156,744.34
 - Allowance Balance \$43,255.66
 - Authorized Change Orders \$177,300

Schedule

- Design Start May 31, 2016
- Construction Start Dec. 18, 2017
- Targeted Substantial Completion Apr. 2019
- Targeted Construction Completion May 2019
- Targeted Occupancy Jun. 2019



PROJECT STATUS REPORT — ANAHEIM CAMPUS

5th FLOOR CTE AND 2ND FLOOR ROOM 215 CLOSE-OUT

Address 1830 W. Romneya Dr.
Anaheim, CA 92801

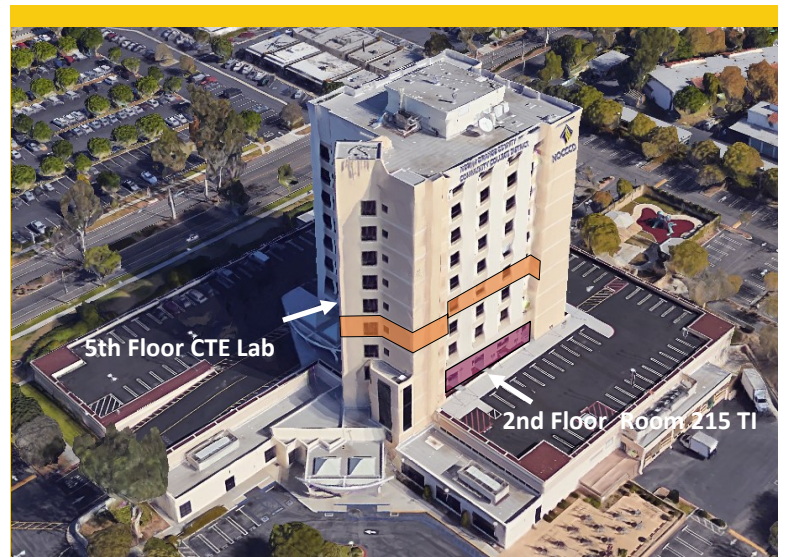
Project Manager Cora Baldovino
NOCCCD

Architect R²A Architecture
General Contractor Interlog Construction

Project Gross Square Footage 1,765 GSF (5th & 2nd)

Project Delivery Method Design - Bid - Build

DSA Application A# 04-116694



Project Overview

The 5th floor area remodels accommodates a new laboratory and instructional space for the Career Technical Education program. The 2nd floor area tenant improvements converted Testing Room 215 into two new offices being used by Student Success and Support Program (SSSP) Counseling.

Budget & Construction Costs

- Funding Sources Measure J
- Total Project Budget (Est.) \$640,736
Measure J (Est.) \$640,736
- Construction Cost \$433,605
Contracted Amount \$410,000
Contracted Allowance \$40,000
Allowance Used \$24,048
Allowance Balance \$15,952
Authorized Change Orders \$23,605

Schedule

- Design Start Jul. 19, 2017
- Construction Start Apr. 17, 2018
- Substantial Completion Aug. 23, 2018
- Construction Completion Sep. 17, 2018
- Occupancy Dec. 11, 2018

PROJECT STATUS REPORT — ANAHEIM CAMPUS

UPDATE/IMPROVE INFRASTRUCTURE

BIDDING

Address	1830 W. Romneya Dr. Anaheim, CA 92801	Total Project Budget	\$1,766,540
		Total Budget Allocated	\$1,000,000
Number of Projects	1	Funding Source	Measure J

General Overview

Projects to address infrastructure improvements or upgrades throughout the Campus. Funds are allocated to projects as needs are identified.

IT Network Refresh Project Overview

IMPLEMENTATION

Assessment of Campus data network infrastructure to identify necessary upgrades, and changes that will enable supporting future campus needs; specifically addressing wired, wireless, voice, and video networks. Design of a new network will account for the District's needs specific to logical infrastructure for the next 10 years. Physical infrastructure will also account for the District's needs for the next 20 years. The scope includes replacing network core switches, providing a more responsive support structure, preparing for cloud computing, and adaptation of voice over IP systems across the District.

- Project Budget\$1,000,000
- Funding SourceMeasure J & Capital Outlay Funds
- Project Delivery Method.....Competitive Bid - Best Value
- Architect.....Shandam Consulting
- Project ManagementDistrict IS / PlanNet Consulting
- Estimated Design Implementation Start.....Q-3 2019
- Targeted CompletionWinter 2021



PROJECT STATUS REPORT — ANAHEIM CAMPUS

UPDATES ON CAMPUS PROJECTS - ANAHEIM CAMPUS

7th and 10th Floors Buildout

- Paul C. Miller has concluded addressing remaining punch list items for the project and has demobilized. General contractor, inspector of record, and architect of record are in the process of completing DSA close out forms and requirements. DSA will issue a final letter of certification once all documentation has been fulfilled. A final deductive change order will be presented to the board for any remaining balance of the contract allowance to be returned to the campus.
- Approved change order number 15 to Paul C Miller for \$937.13 has been renegotiated and voided as the scope of work was completed by the District. The change order cost will not be part of the final compensation to the general contractor. The total approved change orders to date for this project amounts to \$177,299.96 comprised of change orders no. 1-10, 12-14, and 16-18.
- On July 23rd, 2019, the Board of Trustees authorized the request to file a Notice of Completion for the project with the Country register. A final retention payment due to Paul C. Miller will be completed in the upcoming weeks as the final payment application for the project is submitted.
- Three allowance authorization requests totaling to \$11,157.18 are pending. Final processing will take place in the coming month.

5th Floor CTE and 2nd Floor Room 215

- The projects on the 5th and 2nd Floor are in close-out. DSA issued a Certification of Compliance letter marking the fulfillments of all requirements by DSA and adherence to the project construction drawings and specifications.

Update / Improve Infrastructure

IT Network Refresh Project

- On July 23rd, 2019, the Board of Trustees approved the selection Vector Resources Inc. dba VectorUSA, the company that submitted the lowest responsible proposal in RFP #1819-01, was an authorized vendor under various California Multiple Award Schedule Contracts issued by the State of California Department of General Services Procurement Division ("CMAS") in the amount not to exceed \$18,650,875.08 distributed amongst the three campuses and two remote locations between Measure J and Capital Outlay funds. District Staff, in consultation with the District's legal counsel, have determined that the Districtwide IT Network Refresh Project may be procured using the CMAS contracts as detailed in Resolution No. 2019/20-01 as authorized by Government Code Section 10299. It is anticipated that the implementation will be completed in 2021, and that the project will be divided into multiple phases so that the District can adapt the implementation as technology evolves during the implementation timeframe. Additional details of project phasing and implementation will be shared as they become available.
- The Network Refresh Project will be executed using a phased scheduling approach for each



PROJECT STATUS REPORT — ANAHEIM CAMPUS

UPDATES ON CAMPUS PROJECTS - Anaheim COLLEGE (Continued)

one of the project sites. The phases identified below overlap and may not be executed in a consecutive manner. Phases might differ from site to site depending on the final schedule configuration. The initial project schedule has been drafted preventing over-allocation of resources and minimizing the time to complete the project and the impact on end users.

Installation Plan—Sep. 2019 to Jul. 2020

Migration and Cutover Plan—Oct. 2019 to Jul. 2020

Acceptance and Testing Plan—Jul. 2020 to Dec. 2020

Training Plan—Nov. 2020 to Feb. 2020

The process will be started with a project kick-off meeting to be held in the upcoming weeks. Following the project kickoff meeting, Vector USA will perform the following initial surveys onsite at the NOCCCD site locations; Cabling Survey and Testing; Infrastructure, Closet and Rack Survey; and Wireless Survey. The resulting information from the initial site surveys will be provided to the district to inform subsequent system design meetings in early September 2019.



FINANCIAL REVIEW

- Capital Projects Update
- Estimated Project Budgets
- 90-Day Look Ahead Schedule



Intentionally Left Blank

CAPITAL PROJECT UPDATES

**North Orange County Community College District
Measure J
Capital Projects Update
July 31, 2019**

Bond Authorization:

Bond Authorization	574,000,000	100.00%
Bonds Sold - Series A + B	250,000,000	43.55%
Available Principal Amount of Bonds	324,000,000	56.45%

Bond Funding Sources (Budget):

		Actual Received	Remaining Balance
Bond Authorization	574,000,000	250,000,000	324,000,000
Estimated Net Interest Earnings	8,000,000	3,820,363	4,179,637
Totals	582,000,000	253,820,363	328,179,637

Cost Status:

Campus	Total Budget	%	Actual Expenses to Date	Remaining Balance
Anaheim Campus	20,607,800	3.54%	1,440,735	19,167,065
Cypress Campus	225,921,200	39.11%	20,672,177	205,249,023
Fullerton Campus	311,126,400	53.83%	5,693,635	305,432,765
District Expenses				
• Program Management	20,000,000	3.46%	3,166,163	16,833,837
• Bond Issuance Cost	3,544,600	0.61%	1,301,760	2,242,840
• Other Bond Expense	800,000	0.07%	174,859	625,141
Totals	582,000,000	100.00%	32,449,329	549,550,671



ESTIMATED PROJECT BUDGETS

CYPRESS CAMPUS

CURRENT PROJECTS

PROJECT BUDGET/VARIANCE REPORT—CYPRESS

CURRENT PROJECTS	Measure J Budget FY 2018-19		Measure J Budget FY 2019-20	Variance	Measure J Expenses	Balance
New Science, Engineering, and Mathematics Building	\$ 94,783,786	7	\$ 94,322,272	\$ (461,514)	\$ 13,354,675	\$ 80,967,597
New Veterans' Resource Center & Student Activities Center Expansion	\$ 13,500,000		\$ 13,500,000	\$ -	\$ 2,525,246	\$ 10,974,754
Veterans' Memorial Bridge and Tribute Garden	\$ 100,800		\$ 100,800	\$ -	\$ -	\$ 100,800
Fine Arts Capital Improvement	\$ 16,764,338		\$ 16,764,338	\$ -	\$ -	\$ 16,764,338
Update/Improve Infrastructure	\$ 15,890,244	1,4, 5,6, 8 & 9	\$ 14,480,268	\$ (1,409,976)	\$ -	\$ 14,480,268
Update/Improve Infrastructure (New SEM)	\$ 2,447,588	1,4, 6 & 8	\$ 2,801,641	\$ 354,053	\$ 1,517,510	\$ 1,284,131
Update/Improve Infrastructure (IT)	\$ 6,000,000		\$ 6,000,000	\$ -	\$ -	\$ 6,000,000
Update/Improve Infrastructure (VRC/SAC)	\$ -	4,6 & 9	\$ 1,055,923	\$ 1,055,923	\$ 631,800	\$ 424,123
Planning (Non Project Specific)	\$ 520,000		\$ 520,000	\$ -	\$ 150,807	\$ 369,193
Library-Learning Resource Center Expansion	\$ 15,000,000		\$ 15,000,000	\$ -	\$ 38,665	\$ 14,961,335
Swing Space Projects	\$ 3,236,521		\$ 3,236,521	\$ -	\$ 2,244,468	\$ 992,053
Mass Communications & Security Systems Upgrade	\$ 4,138,220	1,2, 3,5, 6 & 8	\$ 4,085,557	\$ (52,663)	\$ -	\$ 4,085,557
Mass Communications & Security Systems Upgrade (New SEM)	\$ 327,006	1,4, 6 & 8	\$ 305,333	\$ (21,673)	\$ 8,933	\$ 296,400
Mass Communications & Security Systems Upgrade (Safety Film)	\$ 145,774	3	\$ 145,774	\$ -	\$ 145,772	\$ 2
Mass Communications & Security Systems Upgrade (Door Replacement)	\$ 37,500	2	\$ 50,898	\$ 13,398	\$ 50,898	\$ -
Mass Communications & Security Systems Upgrade (VRC/SAC)	\$ -	5,6 & 8	\$ 60,938	\$ 60,938	\$ 3,403	\$ 57,535
Pool Restoration and Upgrade	\$ 4,876,000		\$ 4,876,000	\$ -	\$ -	\$ 4,876,000
Gym I/Gym II Restoration and Restrooms	\$ 4,837,500		\$ 4,837,500	\$ -	\$ -	\$ 4,837,500
Gateway Phase 1	\$ 5,810,000		\$ 5,810,000	\$ -	\$ -	\$ 5,810,000
Under Piazza & Stairwell Restoration	\$ 1,963,800		\$ 1,963,800	\$ -	\$ -	\$ 1,963,800
Tech I/Tech III Capital Improvements	\$ 27,645,342		\$ 27,645,342	\$ -	\$ -	\$ 27,645,342
Athletic Field Realignment/Entry Revisions/Parking Lot Improvements	\$ 7,896,781	7	\$ 8,358,295	\$ 461,514	\$ -	\$ 8,358,295
Parking Structure			\$ -	\$ -	\$ -	\$ -
SUB TOTAL	\$ 225,921,200		\$ 225,921,200	\$ -	\$ 20,672,177	\$ 205,249,023

1. Jun-2018 Budget realignment as a result of the 50% Construction Documents - Cost Estimate.
2. Jul-2018 Budget realignment as a result of the addition of exterior door replacement for Building 9 Business Education.
3. Jul-2018 Budget realignment as a result of the addition of Safety Film
4. Oct-2018 Budget realignment as a result of the 95% Construction Documents - Cost Estimate.
5. Oct-2018 Budget realignment as a result of the 95% Construction Documents - Cost Estimate.
6. Feb-2019 Re-Allocation based on GMP Agreement presented and approved by BOT 01/22/19
7. Mar-2019 Re-Allocation to Athletic Field based on revised GMP Agreement breakdown, presented on 3/19/19 e-mail.
8. Mar-2019 Re-Allocation based on Revised GMP Agreement breakdown, presented on 3/19/19 email
9. Mar-2019 Re-Allocation based on Revised GMP Agreement breakdown, presented on 3/19/19.
10. Apr-2019 Project Budget reconciliation for Fiscal Year 2018-2019



ENCUMBRANCES OVER \$10,000

CYPRESS CAMPUS - New Encumbrances (May 2019 - Jul. 2019)

Project	Vendor	Purchase Order No.	Purchase Order Amount	Scope of Work
New SEM	Vital Inspection Services Inc.	P0132197	\$409,088.00	Inspector of Record Services
New VRC/SAC Renovation	Vital Inspection Services Inc.	P0132197	\$273,824.00	Inspector of Record Services
New SEM	Geotechnical Solutions Inc.	P0132347	\$150,000.00	Geotechnical observation and testing
New SEM	Twining Consulting	P0132539	\$246,838.40	Material Testing and Inspection
New VRC/SAC Renovation	Twining Consulting	P0132539	\$33,166.60	Material Testing and Inspection



ESTIMATED PROJECT BUDGETS

FULLERTON CAMPUS

CURRENT PROJECTS

PROJECT BUDGET/VARIANCE REPORT—FULLERTON

CURRENT PROJECTS	Measure J Budget FY 2018-19	Measure J Budget FY 2019-20	Variance	Measure J Expenses	Balance
New Instructional Building	\$ 54,000,000	6 \$ 53,588,031	\$ (411,969)	\$ 3,831,457	\$ 49,756,574
Renovate Buildings 300 & 500	\$ 20,482,000	\$ 20,482,000	\$ -	\$ 916,355	\$ 19,565,645
		1,6,7,8,9 & 10			
Central Plant Replacement & Expansion	\$ 10,139,524	\$ 10,600,000	\$ 460,476	\$ 721,807	\$ 9,878,193
		1,6,8 & 9			
New Thermal Energy Storage (TES)	\$ 2,000,000	\$ 10,139,524	\$ 8,139,524	\$ -	\$ 10,139,524
Update/Improve Infrastructure	\$ 23,370,654	2 \$ 23,007,362	\$ (363,292)	\$ -	\$ 23,007,362
Update/Improve Infrastructure (IT)	\$ 8,000,000	\$ 8,000,000	\$ -	\$ -	\$ 8,000,000
Update/Improve Infrastructure (Bldg 300-500 Sewer Line)	\$ -	2 \$ 363,292	\$ 363,292		\$ 363,292
Planning (Non Project Specific)	\$ 595,000	\$ 595,000	\$ -	\$ 224,016	\$ 370,984
New Parking Structure	\$ 28,937,954	3 \$ 33,205,037	\$ 4,267,083	\$ -	\$ 33,205,037
		4 & 10			
New M & O Building	\$ 3,744,828	\$ 6,758,944	\$ 3,014,116	\$ -	\$ 6,758,944
New Horticulture/Lab School/STEM Lab	\$ 23,817,288	4 \$ 34,648,145	\$ 10,830,857	\$ -	\$ 34,648,145
New Performing Arts Complex—Phase 1	\$ 16,133,000	5 \$ 16,133,000	\$ -	\$ -	\$ 16,133,000
New Performing Arts Complex—Phase 2	\$ 12,409,153	\$ 12,409,153	\$ -	\$ -	\$ 12,409,153
New Welcome Center & Lot C West	\$ 36,564,000	7 \$ 37,353,872	\$ 789,872	\$ -	\$ 37,353,872
Demolish Buildings 1100, 1300 and 2300	\$ 2,182,000	\$ 2,182,000	\$ -	\$ -	\$ 2,182,000
Demolish Building 2000	\$ 1,108,000	\$ 1,108,000	\$ -	\$ -	\$ 1,108,000
		7 & 9			
Renovate Building 600	\$ 6,739,100	\$ 3,117,641	\$ (3,621,459)	\$ -	\$ 3,117,641
Renovate Building 840 Campus Services	\$ 7,878,400	\$ 7,878,400	\$ -	\$ -	\$ 7,878,400
Renovate Health Center	\$ 1,328,800	\$ 1,328,800	\$ -	\$ -	\$ 1,328,800
Renovate Faculty Lounge & Offices	\$ 6,212,250	\$ 6,212,250	\$ -	\$ -	\$ 6,212,250
Renovate Wellness Center	\$ 2,534,400	\$ 2,534,400	\$ -	\$ -	\$ 2,534,400
Landscape & Hardscape Improvements	\$ 3,840,000	\$ 3,840,000	\$ -	\$ -	\$ 3,840,000
Renovate Building 3100	\$ 2,639,340	\$ 2,639,340	\$ -	\$ -	\$ 2,639,340
Demolish Building 1901-04, 1956-60, 3000	\$ 1,333,000	\$ 1,333,000	\$ -	\$ -	\$ 1,333,000
Parking Lot Improvements at Building 3000	\$ 1,999,500	\$ 1,999,500	\$ -	\$ -	\$ 1,999,500
Renovate Building 2100	\$ 8,277,500	\$ 8,277,500	\$ -	\$ -	\$ 8,277,500
Demolish Buildings 2200 & 3104	\$ 1,392,209	\$ 1,392,209	\$ -	\$ -	\$ 1,392,209
Renovate Building 100	\$ -	\$ -	\$ -	\$ -	\$ -
		3,4,5 & 8			
Renovate Building 1000 Fine Arts Gallery	\$ 23,468,500	\$ -	\$ (23,468,500)	\$ -	\$ -
Chapman Newell Instructional Building	\$ -	\$ -	\$ -	\$ -	\$ -
SUB TOTAL	\$311,126,400	\$311,126,400	\$ -	\$5,693,635	\$305,432,765

1. Jun-2018 Budget realignment as a result of the addition of Chiller Plant Expansion Phase 1 to the project scope of work for the New Instructional Building
2. Aug-2018 Budget realignment as a result of estimate for construction cost of the addition of a New Sewer Lines Leading out from the Bldg 300-500 to City's Sanitary Sewer Lines .
3. Jan-2019 Based on recent review, Parking requirements scope
4. Jan-2019 Based on recent review, the New M&O requirements scope of work, transfer from Renovate Building 1000 Fine Arts Gallery due to increase of escalation costs to mid-point of construction.
5. Jan-2019 Based on recent review, the New Horticulture/Lab School /STEM Lab requirements, scope of work transfer from Renovate Building 1000 Fine Arts Gallery due to increase of escalation costs to mid-point of construction.
6. Mar-2019 Based on 2/26/19 email and issuance of revised PEW, re-alignment of budget is required to augment Central Plant Expansion project.
7. Mar-2019 Based on 2/26/19 email ; re-alignment of budget is increased by \$789,872 from Renovate Building 600
8. Mar-2019 Based on 2/26/19 email ; re-alignment of budget is reduced by \$5,043,010 and transferred to augment Central Plant Expansion project
9. Mar-2019 Based on 2/26/19 email ; re-alignment of budget is reduced by \$2,831,587 and transferred to augment Central Plant Expansion project.
10. Mar-2019 Based on 2/26/19 email; re-alignment of budget is reduced by \$313,434 and transferred to augment Central Plant Expansion project.



ENCUMBRANCES OVER \$10,000

FULLERTON CAMPUS - New Encumbrances (May 2019 - Jul. 2019)

Project	Vendor	Purchase Order No.	Purchase Order Amount	Scope of Work
Renovate Buildings 300 and 500	Old California Lighting Co.	P0132290	\$37,928.00	Exterior lighting fixtures and electrical retrofitting
Central Plant Replacement and Expansion	Division of the State Architect	P0132790	\$73,654.00	Construction Drawings and Specifications Review
Planning (Project Non-Specific)	DLR Group	P0134221	\$100,000.00	Architectural Consulting for Bond Building and Campus Facilities Planning



ESTIMATED PROJECT BUDGETS

ANAHEIM CAMPUS

CURRENT PROJECTS

PROJECT BUDGET/VARIANCE REPORT—ANAHEIM

CURRENT PROJECTS	Measure J Budget FY 2018-19	Measure J Budget FY 2019-20	Variance	Measure J Expenses	Balance
Reactivate 1st Floor Warehouse Areas for Storage	\$ 202,000	\$ 202,000	\$ -	\$ -	\$ 202,000
7th and 10th Floors Buildout	\$ 2,151,359	\$ 2,151,359	\$ -	\$ 790,524	\$ 1,360,835
5th Floor CTE & 2nd Floor Room 215	\$ 614,256 ^{1&2}	\$ 640,736	\$ 26,480	\$ 640,736	\$ -
Repurpose Childcare	\$ 1,246,200	\$ 1,246,200	\$ -	\$ -	\$ 1,246,200
Second Floor Tenant Improvements	\$ 835,000 ¹	\$ 813,000	\$ (22,000)	\$ -	\$ 813,000
Outdoor Patio Remodel	\$ 1,382,500	\$ 1,382,500	\$ -	\$ -	\$ 1,382,500
Fourth Floor Improvements	\$ 218,000	\$ 218,000	\$ -	\$ -	\$ 218,000
Update/Improve Infrastructure	\$ 766,540	\$ 766,540	\$ -	\$ -	\$ 766,540
Update/Improve Infrastructure (IT)	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -	\$ 1,000,000
Planning (Non Project Specific)	\$ 440,000	\$ 440,000	\$ -	\$ 9,475	\$ 430,525
Student Lounge	\$ 222,200 ²	\$ 217,720	\$ (4,480)	\$ -	\$ 217,720
Upper Parking Lot Remodel	\$ 1,104,500	\$ 1,104,500	\$ -	\$ -	\$ 1,104,500
Develop Interior and Exterior Signage	\$ 313,800	\$ 313,800	\$ -	\$ -	\$ 313,800
Enliven Corridors/Develop Areas for Student Collaboration	\$ 888,800	\$ 888,800	\$ -	\$ -	\$ 888,800
Develop South Entry Plaza	\$ 816,800	\$ 816,800	\$ -	\$ -	\$ 816,800
Develop East Entry Plaza	\$ 413,200	\$ 413,200	\$ -	\$ -	\$ 413,200
Remove Planters/Create Japanese Rock Garden	\$ 309,901	\$ 309,901	\$ -	\$ -	\$ 309,901
Reconfigure Parking Lots	\$ 2,099,000	\$ 2,099,000	\$ -	\$ -	\$ 2,099,000
Develop Drop-Off Plaza at Romneya Drive	\$ 1,069,000	\$ 1,069,000	\$ -	\$ -	\$ 1,069,000
Develop Intersection at Romneya & Coronet	\$ 914,744	\$ 914,744	\$ -	\$ -	\$ 914,744
Holding Account	\$ -	\$ 3,600,000	\$ 3,600,000	\$ -	\$ 3,600,000
SUB TOTAL	\$ 17,007,800	\$ 20,607,800	\$ 3,600,000	\$ 1,440,735	\$ 19,167,065

1. Oct-2018 Budget realignment as a result of the new established FY 2018-2019 Budget.

2. Jun-2019 Project Budget reconciliation for Fiscal Year 2018 - 2019

3. Holding Account FY2019-2020



ENCUMBRANCES OVER \$10,000

ANAHIEM CAMPUS - New Encumbrances (May 2019 - Jul. 2019)

No Purchase Orders Over \$10,000 have been issued for Anaheim Campus since May 1st, 2019.



ESTIMATED PROJECT BUDGETS

DISTRICT

PROJECT BUDGET/VARIANCE REPORT—DISTRICT

DISRICT WIDE EXPENSE	Measure J Budget FY 2018-19	Measure J Budget FY 2019-20	Variance	Measure J Expenses	Balance
Program Management Fees	\$ 20,000,000	\$ 20,000,000	\$ -	\$ 3,166,163	\$ 16,833,837
Bond Issuance Cost	\$ 3,544,600	\$ 3,544,600	\$ -	\$ 1,301,760	\$ 2,242,840
Other	\$ 400,000	\$ 800,000	\$ 400,000	\$ 174,859	\$ 625,141
SUB TOTAL	\$ 23,944,600	\$ 24,344,600	\$ 400,000	\$ 4,642,782	\$ 19,701,818



ENCUMBRANCES OVER \$10,000

DISTRICT - New Encumbrances (May 2019 - Jul. 2019)

No Purchase Orders Over \$10,000 have been issued for the District since May 1st, 2019.





NORTH ORANGE COMMUNITY COLLEGE DISTRICT
CYPRESS - FULLERTON - ANAHEIM (NOCE)



NORTH ORANGE COUNTY
COMMUNITY COLLEGE DISTRICT

90-DAY LOOK AHEAD SCHEDULE

(08-01-19 TO 10-31-19)

	August							September							October							Comments
	6	13	20	27				3	10	17	24				1	8	15	22	29			
GENERAL																						
NOCCCD Board Meetings																						
COC Meetings																						
Bond Program Management Team Mtgs.																						
Anaheim NOCE - Campus Coordination Meeting																						
Cypress - Campus Coordination Meeting																						
Fullerton - Campus Coordination Meeting																						
PLANNING																						
DESIGN PHASE																						
FULLERTON																						
Central Plant Expansion Construction Documents																						
DSA PHASE & AGENCY REVIEW																						
CYPRESS																						
Deferred Approvals for New VRC/SAC																						
Deferred Approvals for New SEM																						
FULLERTON																						
Review of Buildings 300 & 500 Construction Documents																						
Review of New Instructional Bldg. Construction Documents																						
Review of Central Plant Expansion Construction Drawings																						
PRE-CONSTRUCTION PHASE																						
INFORMATION TECHNOLOGY NETWORK REFRESH																						
Vendor Selection Network Refresh Design																						
Set Up of Project & Implementation Schedule Network Refresh																						
CONSTRUCTION PHASE																						
CYPRESS																						
New SEM & Assoc. Mass Comm and Infra. Construction																						
New SEM & Assoc. Mass Comm and Infra. Construction																						
New SEM & Assoc. Mass Comm and Infra. Construction																						
New SEM & Assoc. Mass Comm and Infra. Construction																						
New VRC/SAC & Assoc. Mass Comm and Infra. Construction																						
New VRC/SAC & Assoc. Mass Comm and Infra. Construction																						
New VRC/SAC & Assoc. Mass Comm and Infra. Construction																						
New VRC/SAC & Assoc. Mass Comm and Infra. Construction																						
New VRC/SAC & Assoc. Mass Comm and Infra. Construction																						
CLOSE-OUT PHASE																						
CYPRESS																						
Lots 4 & 5 Parking Lot Realignment Financial Close-Out																						
ANAHEIM (NOCE)																						
7th & 10th Floors Close-Out																						

* Non-Measure J expenditure activities

Intentionally Left Blank

September 2019

Citizens' Oversight Committee

COC

Measure J Bond Programs



1830 W. Romneya Dr., Building B., Anaheim, CA 92801