

Wave I Project Update

2015 - 2020

Major Construction Project

- Katella High School DROPS – Site Improvement Project

Major Design Projects

- Dale Jr. High School Modernization and New Construction
- Cypress High School Modernization Project

Completed Projects

- 21st Century Classroom Furniture (2015-16 and 2016-17 Implementations)

Wave II Project Update

- **Oxford Academy Modernization, New Construction, and Safety + Security**
- **Brookhurst JHS Security Fencing**
- **District Office Security Measures – Flooring (Phase 1)**
- **Savanna HS Parking Lot Improvements**
- **Kennedy HS Parking Lot Improvements**
- **Security Site Fencing – Various Sites**
- **2017-18 Implementation of 21st Century Classroom Furniture**
- **Walker JHS Modernization**
- **Hope School Modernization**

Current Phase: In Construction
Architect: Ghataode Bannon Architects
Contractor: Pinner Construction
Program Manager: Cumming
Project Schedule: March 2016 – March 2017

Scope: AUHSD began developing a comprehensive strategy to boost water sustainability at Katella High School in 2010 and to reduce the loss of stormwater to the Pacific Ocean. The comprehensive strategy also seeks the reduction of contamination of the Santa Ana River via urban stormwater runoff; the opportunity to utilize LID strategies for educational purposes on the campus; creating ADA-compliant conditions throughout the campus; and alleviating strain on the local stormwater drainage system. The scope of work includes new drought tolerant landscaping, Quad hardscape, and shade structures.

Status: The Project is overall 90% complete. Shade Structure erection at the Quad and South of the Administration Building is complete. The infiltration systems along Wagner are complete. The installation of plants in the California Heritage Garden is ongoing, as is the construction of the final infiltration system in the field.



Students Using Shade Structures

- **100% Stormwater Capture System Quad Hardscape and Shade Structures**
- **\$2M State Water Boards Grant – Nonpoint Pollution Monitoring**
- **Lease Lease-Back / Guaranteed Maximum Price Construction Contract**
- **Drought Tolerant Landscaping with 3 Outdoor Learning Centers**
- **Site Security Fencing**
- **E-Rate Site Lighting Upgrade (not Bond \$)**
- **21st Century Furniture**

Project Schedule

DROPS Design Completed – October 2015

DSA Approval – November 16, 2011 (Original)

Construction NTP 1 – November 2015

Construction Scheduled Completion – March 2017

- Overall Project is 90% complete
- Phases A1 thru D3 are approximately 90% complete

Project Budget

Project Budget - \$12.8 Million

Construction LLB/GMP - \$11.368 M

Funding

- \$6.3M MEASURE H
 - \$4.5M COPS
 - \$2.0 DROPS (STATE WATER BOARD)
- \$12.8M TOTAL**



Concrete Finishers



Boulders Placed at California Heritage Garden

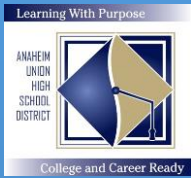
Schedule and Budget

KATELLA HIGH SCHOOL DROPS-SITE IMROVEMENT PROJECT

MAJOR ACTIVITY BAR CHART

Task Name	Duration	Start	Finish	12/1/2016	1/1/2017	2/1/2017	3/1/2017
Mobilize	18 Days	Mon 3/7/16	Wed 3/30/16				
Construction	254 Days	Mon 3/28/16	Tue 3/28/17				
Phase A1, A2, B1, C1, D2		Mon 3/28/16	Various				<i>Substantial completed</i>
Phase B2 - Concrete Surface	82 Days	Mon 3/28/16	Fri 2/10/17				<i>Projected to complete</i>
Phase D1 - Concrete Surface	93 Days	Mon 5/2/16	Wed 1/25/17				<i>completed</i>
Phase C2 - Concrete Surface Structures	34 Days	Tue 6/7/16	Tue 1/24/17				<i>completed</i>
Student Store	172 Days	Mon 3/28/16	Tue 12/30/16				<i>completed</i>
Dock / Stairs	167 Days	Mon 4/4/16	Tue 2/27/17				<i>Projected to complete</i>
Faculty Area	154 Days	Mon 3/28/16	Tue 11/1/16				<i>completed</i>
Band Platform	116 Days	Wed 4/27/16	Fri 1/27/17				<i>completed</i>
Lunch Canopy	87 Days	Tue 4/19/16	Fri 12/30/16				<i>completed</i>
Screen Wall (Multi-Purpose)	98 Days	Tue 6/14/16	Fri 2/3/17				<i>completed</i>
Shade Structure	44 Days	Mon 6/13/16	Fri 8/12/16				<i>completed</i>
Phase E- North Area	29 Days	Mon 8/1/16	Fri 12/30/16				<i>completed</i>
Theater Courtyard	120 Days	Tue 5/31/16	Tue 2/28/17				<i>Projected to complete</i>
General Landscape / Site Furnishing	44 Days	Wed 8/10/16	Wed 2/8/17				<i>Projected to complete</i>
Close Out	160 Days	Mon 6/27/16	Tue 2/28/17				<i>Projected to complete</i>
	55 Days	Fri 12/30/16	Tue 3/28/17				<i>ongoing</i>

Schedule Detail



Budget Commitments Review

- **9 Contracts Encumbered**

<u>Description / Contract Amount</u>	<u>Expenditures to Date</u>	<u>Percentage Complete</u>
• DSA Closeout Fees - \$75,000	\$0	0%
• PPM Construction Mgt - \$300,000	\$273,928	91%
• PPM SWB – DROPS - \$108,010	\$74,230	68%
• Previous A/E Services – \$264,592	\$264,592	100%
• Pinner Construction NTP 1 - \$122,988	\$116,848	100% (less retention)
• Pinner Construction NTP 2 - \$11,368,000	\$7,162,014	63%
• Vital Inspection (DSA Inspectors) - \$125,000	\$116,475	93%
• Group Delta (Special Inspection) - \$119,980	\$109,950	91%
• Ghataode Bannon Architect (AOR) - \$323,100	\$191,040	59%
• Inspection Resources (Utility Mapping) - \$17,480	\$17,480	100%
• C2 Imaging (Reprographics) - \$2,500	\$2,973	119% (\$473)

* See Appendix A for commitment and budget details

Comments

- We anticipate the Katella Project to be completed within budget and schedule.

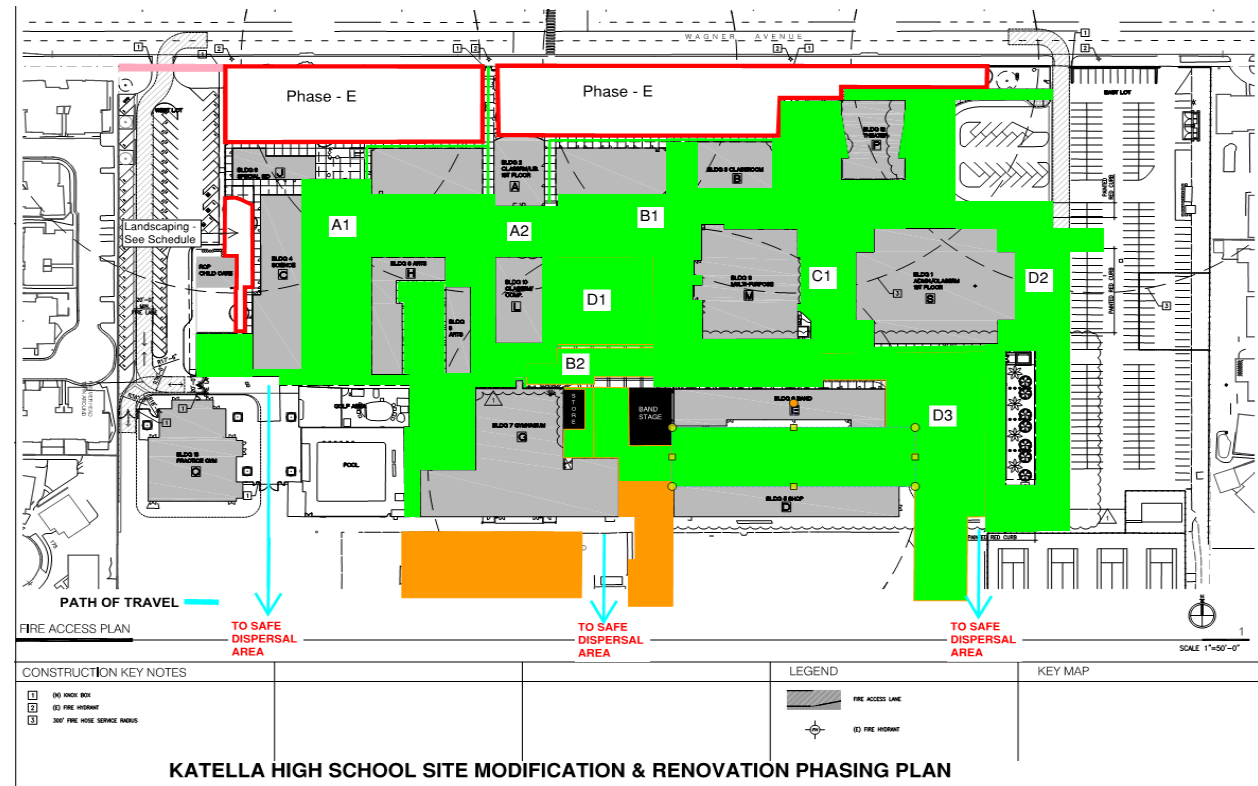
Budget Commitments Review

Construction Phasing Plan

- Active Campus
- Safety for Students and Facility
- 9 Phases of Construction

Scope of Work Completed

- Substantially Complete
- In progress



Construction Phasing Plan

Katella High School DROPS – Site Improvement Project



Concrete Infill Pour at Theater Courtyard



Concrete Infill Complete at Theater Courtyard



Shade Structure and Seating at Area C2



Shade Structures at Area C2

Construction Photos

Katella High School DROPS – Site Improvement Project



Detention Tank C



Detention Tank A

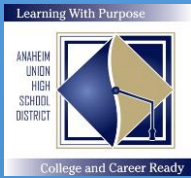


New Seating Near Area D1



New Seating and Shade Structures In Progress

Construction Photos



Dale Jr. High School Modernization and New Construction Project

Current Phase: In Design
Architect: Ghataode Bannon Architects
Contractor: TBD
Program Manager: Cumming
Project Schedule: May 2016 – December 2019

Scope: The proposed project includes three phases of design and one construction bid package, all of which are feasible with the passing of the State Bond Measure (Prop 51) in November 2016. **Phase I** encompasses a minor modernization of all classrooms that includes new roofs, interior and exterior paint, flooring, interior and exterior lighting, fire alarm systems, public address systems, intrusion alarms, security cameras, and IT upgrades. Some areas will receive a major modernization that includes HVAC improvements and new classroom casework. The gymnasium's Boys and Girls Locker Rooms and Restrooms will be completely renovated. The existing buildings 2, 5 and 8 (Science) will receive a major modernization. New parking areas, landscaping, and site security fencing will be provided. The Central Quad will be renovated with new landscaping and shade structures.

Phase II expands upon the scope of work included in **Phase I** and provides a new Administration bldg. with Library, STEAM (Science/Computer Labs) and Special Ed classrooms, and a new Band building. **Phase III** expands upon the scopes included in **Phase I** and **Phase II** and includes a major modernization of the Polaris building.

Status: **Phase I** is in the advanced stage of design, with the Polaris Building's scope (**Phase III**) trailing behind. Programming of the new building (**Phase II**) is at 90%. Programming of the Interim Housing will commence soon.

Design Project

Dale Jr. High School Modernization and New Construction Project

Project Funding

- \$25M Measure H
- \$3.4M State Share (New and Mod)
- \$3.3M State Share (Polaris Mod)
- \$1.5M M & O
- \$5.9M Augmentations – Various Funds
- **\$38M Total**

Project Budget (3 Phases)

- Budget - \$38M
- Construction Budget: - \$30.5M

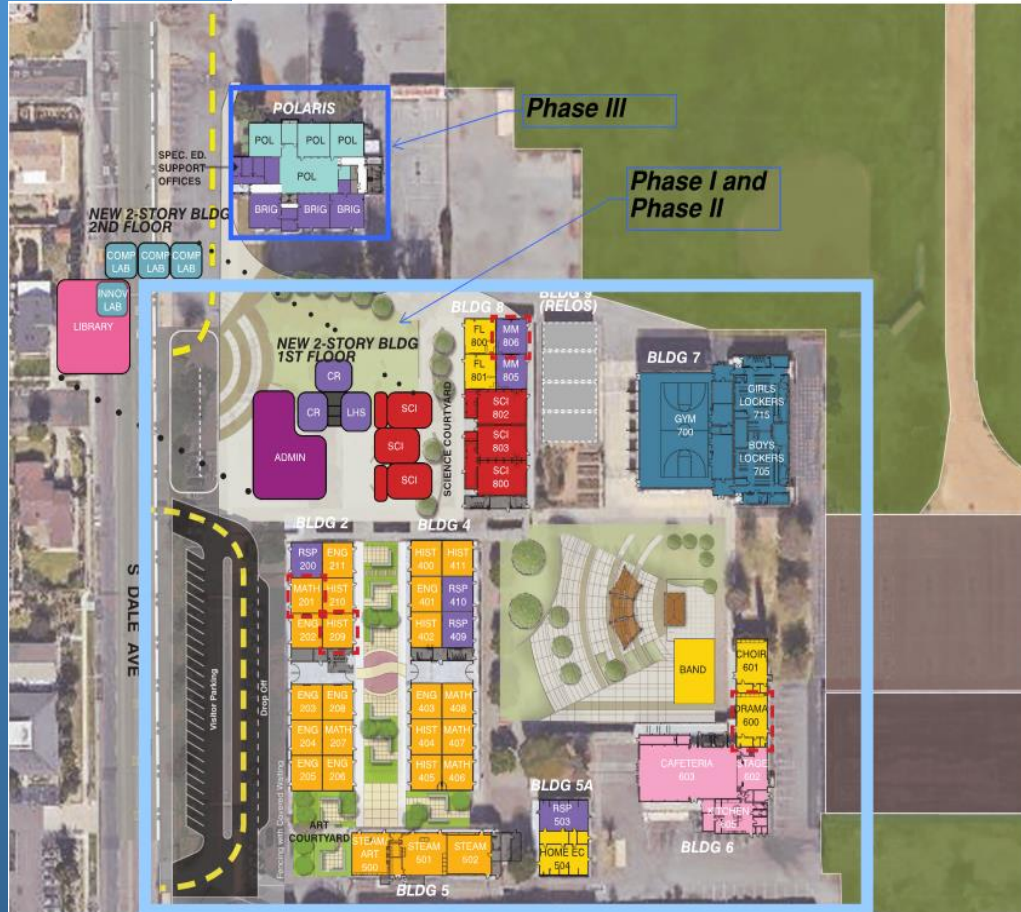
Project Schedule

- **Design:** May 2016 – September 2017
- **DSA Approval** – March 2018
- **Start Construction** – June 2018
- **Substantial Completion** – December 2019



Budget

Dale Jr. High School Modernization and New Construction Project



- CLASSROOMS, CR
- SCIENCE LABS, SCI
- SPECIAL EDUCATION
- ELECTIVES
- COMPUTER LAB
- ADMIN/FACILITY
FW-FACULTY, FL-FACULTY LOUNGE
- LIBRARY, MPR
- FOOD SERVICE
- PHYSICAL EDUCATION/ATHLETICS
PE-PHYSICAL EDUCATION, LR-LOCKER ROOM
- SUPPORT SPACES
S-STORAGE, T-TOILETS, U-UTILITY, C-CUSTODIAL
- POLARIS
- RE-PURPOSED TEACHING STATION

BLDG	# OF CLASSROOMS	
	(E)	(N)
1	2	-
2	12	12
3	3	-
4	12	12
5	3	3
5A	2	2
6	2	2
7	0	0
8	7	7
9 (Relo)	4	0
(N) Building	0	11
Polaris	0	0
Total Permanent	43	49
Classrooms =		

Additional Classrooms = 6 (Net Gain)
 Total (E) Perm. CR + Relo = 47

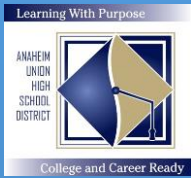


SITE PLAN

DALE JR. HIGH SCHOOL
 ANAHEIM UNION HIGH SCHOOL DISTRICT
GBA

- PHASE III:**
 Major Modernization of Polaris and Associated Site Work
- Phase I and Phase II:**
 New Two-Story Building: Administration, Library, STEAM (Science and Computer Labs) and Special Ed. Classrooms
 - Demolition of Bldgs. 1 and 3
 - New Band Building
 - New Parking Lots and Drop-Off
 - New Art Courtyard
 - Major Modernization of Bldgs. 2, 5, 7 (Shower and Locker Rooms) and 8
 - Learning Courtyard
 - Redesign of Main Quad – Outdoor Amphitheater
 - Minor Modernization of Buildings 4, 5A, 6 and Gym

Scope of Work



Budget Commitments Review

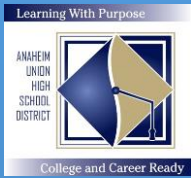
- **4 Contracts Encumbered**

<u>Description / Contract Amount</u>	<u>Expenditures to Date</u>	<u>Percentage Complete</u>
• PPM Construction Mgt - \$710,000	\$74,820	10.5%
• Ghataode Bannon Architects (AOR) - \$2,219,495	\$184,109	8.3%
• Inspection Resources (Utility Mapping) - \$7,925	\$7,925	100%
• NB Consulting (Surveying) - \$9,950	\$9,950	100%

Comments

- The design of the Dale Jr. High School project is in progress. The Project Team developed an approach to leverage the Measure H dollars by potentially capturing nearly \$13M from Prop 51 and other funds. The design of the project is broken down into several phases. The basic design program includes major and minor renovations of the classrooms, Gym locker rooms and restrooms, a new Band building, and a new Quad area. The program will also include the construction of a new Administration building which includes Library and STEAM classrooms. The Polaris building will receive a major modernization.

Budget Commitments Review



Cypress High School Site Improvement Project

Phase I:

Current Phase: DSA (Plan Check)
Architect: Ruhnau Ruhnau Clarke
Contractor: TBD
Program Manager: Cumming
Project Schedule:
Design: May 2016 – December 2016
DSA Approval – May 2017
Start Construction – July 2017
Substantial Completion – December 2018

Phase I Project Budget and Funding

Project Budget: \$10.7M

Construction: \$8.5M

Funding:

- \$5.9M MEASURE H
 - \$1.6M COP FUNDING
 - \$1.5M M&O
 - \$3.9M STATE SHARE (MODERNIZATION)
- \$12.9M TOTAL**

* See Appendix B for expenditure and budget detail.

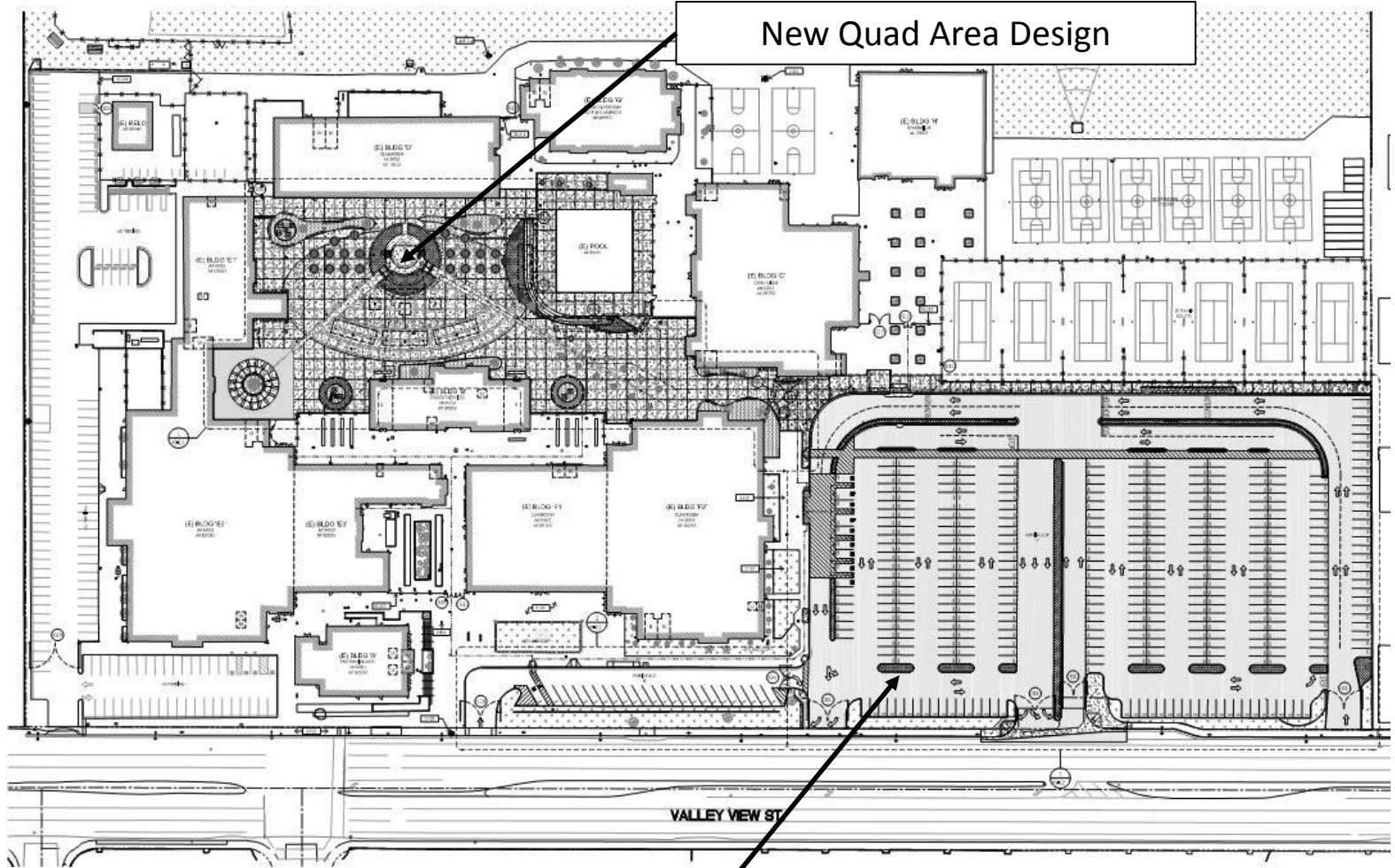
SCOPE: The project comprises two phases. **Phase I** includes a new Student Parking area (407 cars) with Solar PV Carport Sheds (by separate vendor), as well as the realignment of the Valley View entry with the new City of Cypress street intersection and traffic light, new landscaping along Valley View and a low (36") CMU wall. Campus improvements include the replacement of the existing Quad concrete hardscape, new landscaping and shade structures. New site security fencing will be provided, including new fencing between the city and school playfields. **Phase I** also addresses the renovation of the existing pool, including ADA access improvements and spectator seating. Miscellaneous underground utilities will also be upgraded in this phase.

Phase II includes the regrading of the playfields, provision of a girls' JV softball field, renovation and reorientation of the tennis courts, a new bike rack enclosure, and renovation of the school's entry courtyard.

Design Project



Cypress High School Site Improvement Project (Phase I)



New Quad Area Design

New Student Parking Area Improvements

Overall Site Plan



Cypress High School Site Improvement Project (Phase I)

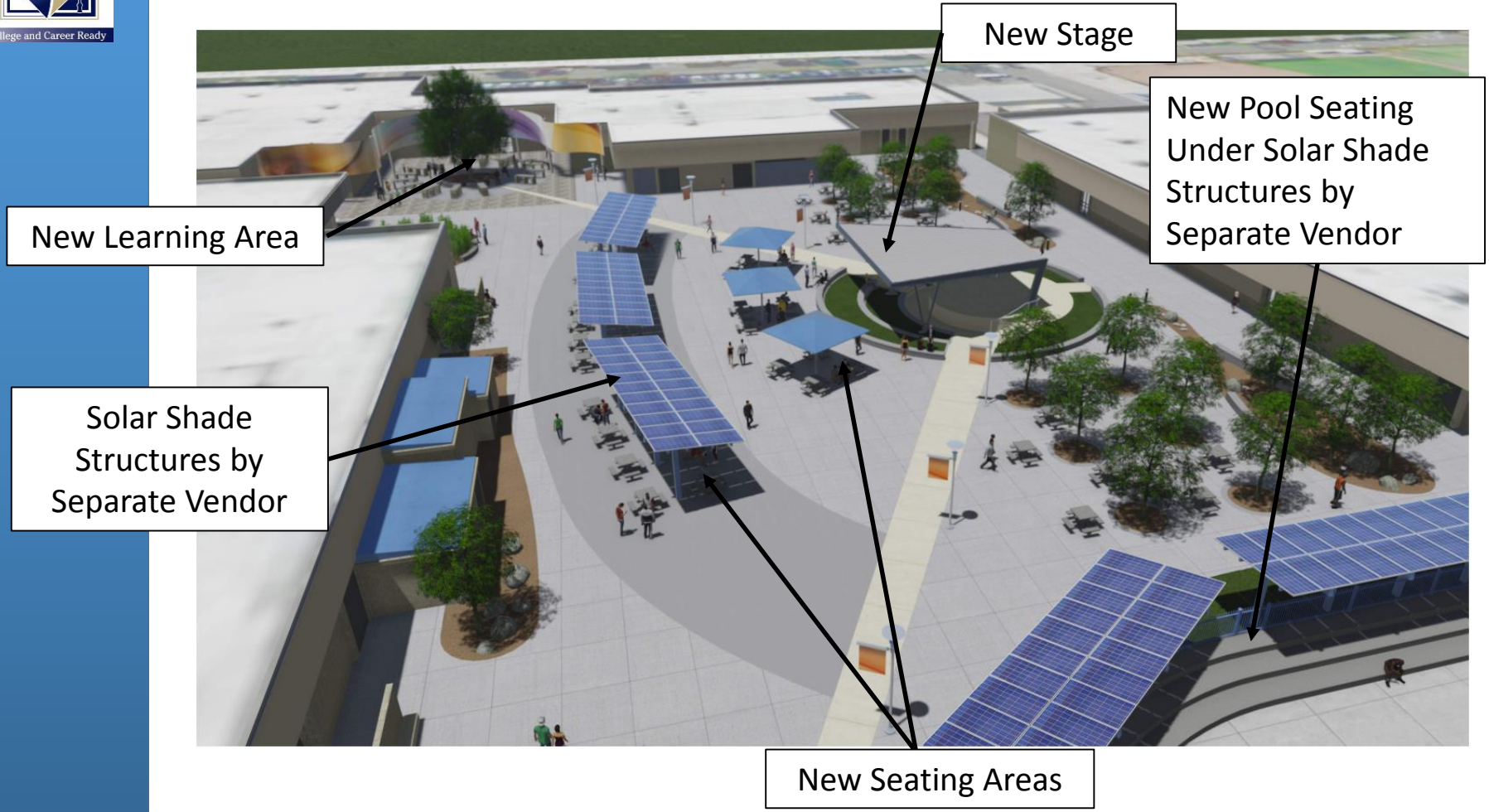


New Canopy

New Decorative Gates

Quad Entry From Parking Lot

Cypress High School Site Improvement Project (Phase I)



Quad Area Site Plan



Cypress High School Site Improvement Project (Phase I)

New Quad Seating Areas and Stage

Renovated Pool



New Pool Seating

New Pool Entry

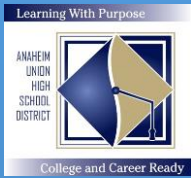
Quad Entry Rendering



Cypress High School Site Improvement Project (Phase II) - *Proposed Pending School Review*



Entry Plaza Rendering



Budget Commitments Review

- **4 Contracts Encumbered**

<u>Description / Contract Amount</u>	<u>Expenditures to Date</u>	<u>Percentage Complete</u>
• PPM Construction Mgt - \$278,681	\$48,977	18%
• Ruhnau Ruhnau Clark (AOR) - \$526,750	\$26,850	5.1%
• NB Consulting Engineers (Surveying) - \$29,900	\$29,900	100%
• DSA Plan Check Application Fee- \$68,550	\$68,550	100%
• C2 Imaging (Reprographics) - \$15,000	\$191	1.2%

Comments

- The Cypress High School Site Improvement Project Phase I was submitted to DSA on December 27, 2016. Phase II is still in design development and will be submitted to DSA in Spring 2017.

Budget Commitments Review

21st Century Classroom Furniture

	2015-16 INNOVATION CLASSROOM	2016-17 INNOVATION CLASSROOMS	ACTUAL EXPENDITURE THRU DECEMBER 31, 2016	BALANCE TO COMPLETE (FUTURE MEASURE H FUNDS)
ANAHEIM HS	1	30	\$ 425,628.84	\$ 1,061,871.16
BALL JHS	1	5	\$ 94,013.47	\$ 393,486.53
BROOKHURST JHS	1	6	\$ 121,878.59	\$ 465,621.41
CYPRESS HS	1	20	\$ 302,419.48	\$ 810,080.52
DALE JHS	1	7	\$ 118,665.85	\$ 531,334.15
HOPE SCHOOL	1	4	\$ 72,542.58	\$ 352,457.42
KATELLA HS	1	25	\$ 367,369.80	\$ 857,630.20
KENNEDY HS	1	16	\$ 235,660.25	\$ 739,339.75
LEXINGTON JHS	1	8	\$ 109,677.37	\$ 440,322.63
LOARA HS	1	10	\$ 144,403.62	\$ 993,096.38
MAGNOLIA HS	1	14	\$ 216,980.65	\$ 883,019.35
ORANGEVIEW JHS	1	6	\$ 88,024.11	\$ 461,975.89
OXFORD ACADEMY	1	13	\$ 207,681.46	\$ 404,818.54
SAVANNA HS	1	10	\$ 171,172.50	\$ 866,327.50
SOUTH JHS	1	14	\$ 208,075.38	\$ 504,424.62
SYCAMORE JHS	1	8	\$ 123,762.38	\$ 713,737.62
TRIDENT EDUCATION CENTER	1	7	\$ 119,077.23	\$ 405,922.77
WALKER JHS	1	7	\$ 107,133.56	\$ 442,866.44
WESTERN HS	1	11	\$ 186,515.42	\$ 963,484.58
	19	221	\$ 3,420,682.54	\$ 12,291,817.46

The 2017-18 Implementation of 21st Century Classroom Furniture is in progress.

Current tasks are:

- Teacher applications: Evaluation and selection in progress
- Goal: Minimize costs to upgrade classrooms beyond the scope of Measure H

Completed Projects

WAVE II PROJECTS

Oxford Academy Modernization and New Construction

(Includes New Band and Choir Classrooms, and Modernization of STEAM Labs)

Oxford Academy – Security Fencing, Cameras and Locks

Brookhurst Jr. HS Security Fencing: \$300K

District Office Security Measures – Flooring (Phase 1): \$300K

Savanna HS Parking Lot Improvements: \$3.5M

Kennedy HS Parking Lot Improvements: \$1.2M

Security Site Fencing – Various Sites: \$1M

2017-18 Implementation of 21st Century Classroom Furniture: \$2.6M

Walker JHS Modernization: \$12.6M

Hope School Modernization: \$8.2M

OXFORD:
The scope may
combine both
projects - \$1.3M

Project Schedule: May 2016 – August 2020

Planning thru Construction Completion

Combined Project Budget

Including Soft Costs: \$31M (Measure H)

SCOPE:

With the exception of the projects at the Oxford Academy, Hope School and Walker JHS, the remaining projects on the list focus on improvements to the existing parking areas and overall campus security fencing upgrades, including installation of security cameras. The intent of these security improvements is to secure the entire campus in case of a lock down event, and secondly, to secure the buildings within the campus during after hours and weekend playfield activities.

Upcoming Projects