

Wave I Projects 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

Upcoming Projects

- Oxford Academy STEAM Classrooms
- Brookhurst Jr. HS Security Fencing
- District Office Security Measures
- Savanna HS Parking Improvements
- Kennedy HS Parking Improvements
- Security Site Fencing / CCTV Systems
- 3rd Wave of 21st Century Classroom Furniture
- Task to Determine Major Measure H Wave II Projects

Katella High School DROPS – Site Improvement Project

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 70% complete. Shade Structure erection at the Quad and South of the Administration Building is in progress. Infiltration system at northeast corner is on-going. Entry canopy will be constructed and trees will be planted over the Thanksgiving Break.



Main Entry Drop Off Area

- **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**

Construction Project

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 70% complete
- Phases A1- D2 are approximately 75% complete

Project Budget

Project Budget - \$12.8 Million

Construction LLB/GMP - \$11.386 M

Funding

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



Installation of Infiltration System Piping – System D

New Canopy and Hardscape at Food Service



Schedule and Budget

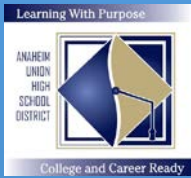
Katella High School DROPS – Site Improvement Project

KATELLA HIGH SCHOOL DROPS-SITE IMPROVEMENT PROJECT

MAJOR ACTIVITY GANTT CHART SCHEDULE

Task Name	Duration	Start	Finish	9/1/2016	10/1/2016	11/1/2016	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							
Phases A1, A2, B1, C1, D2		Mon 3/28/16	various	<i>substantially complete</i>						
Phase B2 - Concrete Surface	82 days	Mon 3/28/16	Fri 12/30/16	<i>Projected to complete</i>						
Phase D1 - Concrete Surface	93 days	Mon 5/2/16	Fri 12/30/16	<i>Projected to complete</i>						
Phase C2 - Concrete Surface	34 days	Tue 6/7/16	Fri 12/30/16	<i>Projected to complete</i>						
Structures	172 days	Mon 3/28/16	Fri 12/30/16	<i>Projected to complete</i>						
Student Store	167 days	Mon 4/4/16	Wed 11/30/16	<i>Projected to complete</i>						
Dock / Stair	154 days	Mon 3/28/16	Tue 11/1/16	<i>completed</i>						
Faculty Area	116 days	Wed 4/27/16	Fri 12/30/16	<i>Projected to complete</i>						
Band Platform	87 days	Tue 4/19/16	Fri 12/30/16	<i>Projected to complete</i>						
Lunch Canopy	98 days	Tue 6/14/16	Fri 11/28/16	<i>Projected to complete</i>						
Screen Wall (Multi-Purpose)	44 days	Mon 6/13/16	Fri 8/12/16	<i>completed</i>						
Shade Structure	29 days	Mon 8/1/16	Fri 12/30/16	<i>Projected to complete</i>						
Phase E - North Area	120 days	Tue 5/31/16	Fri 12/30/16	<i>Projected to complete</i>						
Theatre Courtyard	44 days	Wed 8/10/16	Tue 10/11/16	<i>Projected to complete</i>						
General Landscaping / Site Finishes	160 days	Mon 6/27/16	Tue 2/14/17	<i>Projected to complete</i>						
Closeout	55 days	12/30/2016	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	\$300,000	85%
• PPM SWB – DROPS - \$108,010	\$74,230	68%
• Previous A/E Services – \$260,623	\$264,592	100%
• Pinner Construction NTP 1 - \$122,988	\$116,848	100%
• Pinner Construction NTP 2 - \$11,368,000	\$5,977,716	53%
• Vital Inspection (DSA Inspectors) - \$125,000	\$91,875	74%
• Group Delta (Special Inspection) - \$119,980	\$88,316	74%
• Ghataode Bannon Architect (AOR) - \$323,100	\$179,821	56%
• Inspection Resources (Utility Mapping) - \$17,400	\$17,400	100%
• C2 Imaging (Reprographics) - \$2,500	\$2,973.64	119%

* See Appendix A for commitment and budget details

Comments

- We anticipate the Katella Project to be completed within budget and schedule. Based on the surge in construction activity during Summer 2016, we may be able complete the project ahead of schedule which should afford some project savings.

Budget Commitments Review

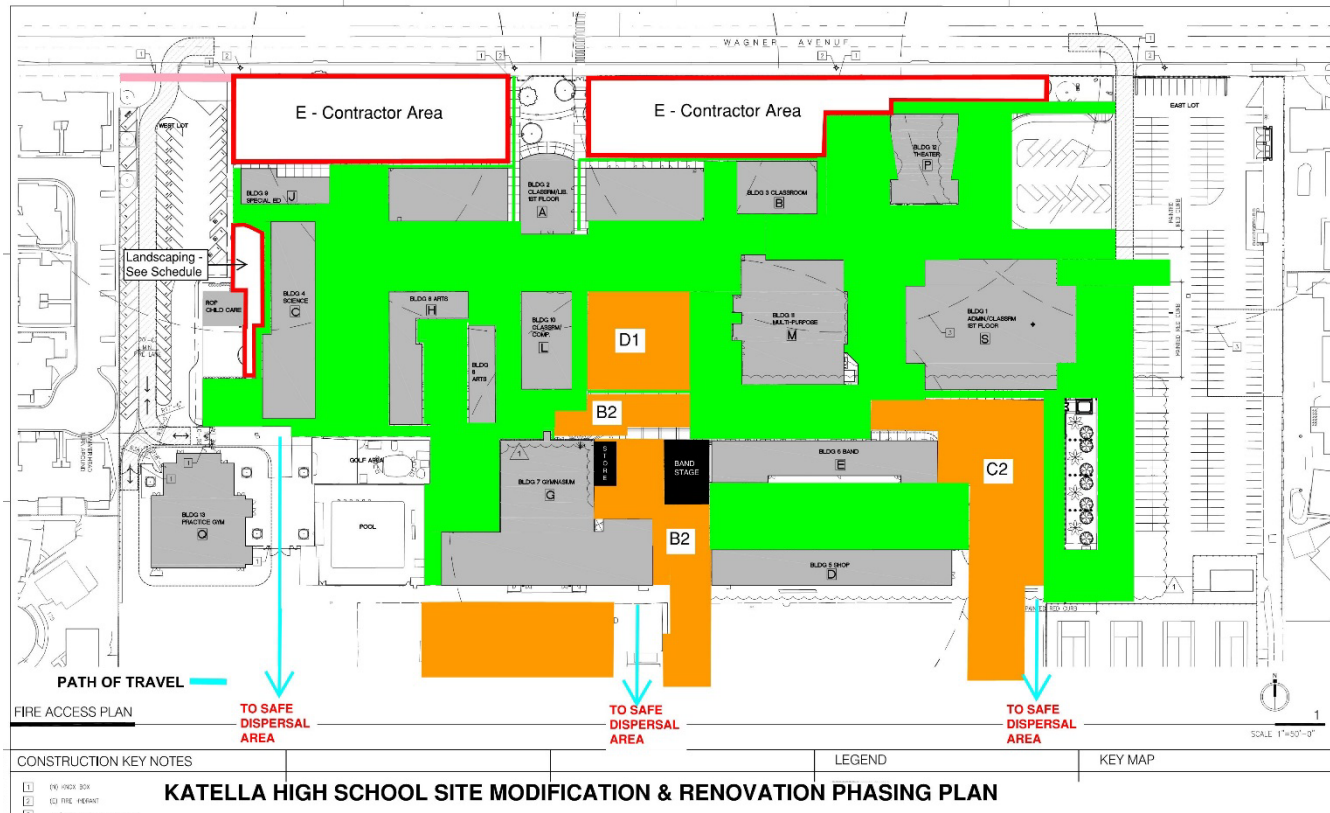
Katella High School DROPS – Site Improvement Project

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



Installation of Phase C2 Walkway “Bands” Complete



Installation of Palm Trees along Student Parking In Progress



Phase C1 Pavers Complete



Shade Structure Framing Complete

Construction Photos

Katella High School DROPS – Site Improvement Project



Hardscape and Planters Phase C1 North



New Hardscape Looking South Towards Building E



Radial Pattern Hardscape at Gym



New Decorative Fence Along Wagner Avenue

Construction Photos

Katella High School DROPS – Site Improvement Project



Detention Tank Piping

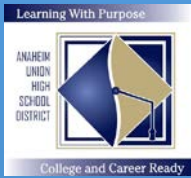


Detention Tank Piping



New Administration Building Entrance

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 – August 2019

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

Phase II expands upon the scope of work included in **Phase I** and provides a new Administration Bldg., Library, STEAM (Science / Computer Labs) and Special Ed classrooms. A major modernization of Bldg. 5 will also be performed. Finally, **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 advanced stage of design with the Polaris Building's scope (**Phase III**) trailing behind Phase I. Programming of the new building (**Phase II**) is in progress.

Design Project

Dale Jr. High School Modernization and New Construction Project

Project Funding

- \$25M Measure H
- \$3.8 State Share (New and Mod)
- \$3M State Share (Polaris Mod)
- \$1.5M M & O
- \$5.9M Augmentations – Various Funds
- **\$38M Total**

Project Budget (3 Phases)

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

Project Schedule

Design: May 2016 – September 2017

DSA Approval – March 2018

Start Construction – May 2018

Substantial Completion – August 2019



Budget

Dale Jr. High School Modernization and New Construction Project

- **PHASE III:**
Major Modernization of Polaris and Associated Site Work

Phase I and Phase II:

New Administration, Library, Science, STEAM & Classrooms

- New Band Building
- New Parking and Drop-Off
- New Art Courtyard
- Major Modernization of Bldg 2, 5, 7 and 8
- Learning Courtyard
- Gym Locker Rooms
- Redesign of Main Quad – Outdoor Amphitheater
- Minor Modernization of Buildings 4, 6, 9 & Gym



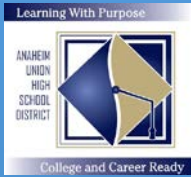
BLDG	# OF CLASSROOMS
2	12
4	12
5	3
5A	2
6	2
7	0
8	7
9 (RELO)	4
(N) BLDG	9
POLARIS	3
TOTAL	= 54
EXISTING	= 47
ADDITIONAL CLASSROOMS	= 7



SITE PLAN

DALE JR. HIGH SCHOOL
 ANAHEIM UNION HIGH SCHOOL DISTRICT
GBA

Scope of Work



Dale Jr. High School Modernization and New Construction Project

Budget Commitments Review

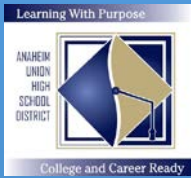
- **4 Contracts Encumbered**

<u>Description / Contract Amount</u>	<u>Expenditures to Date</u>	<u>Percentage Complete</u>
• PPM Construction Mgt - \$710,000	\$68,315	9.6%
• Ghataode Bannon Architect (AOR) - \$1,310,381	\$54,865	4.2%
• 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 \$9.3M from Prop 51. 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 and Restrooms, a New Band Building, and a new Quad area. The program will also include the construction of a new Administration Building, Library and STEAM classrooms. The Polaris Building will be renovated as well.

Budget Commitments Review



Cypress High School Site Improvement Project

Phase I:

Current Phase: 75% Construction Documents
Architect: Ruhnau Ruhnau Clarke
Contractor: TBD
Program Manager: Cumming
Project Schedule:

Design: May 2016 – December 2016

DSA Approval – April 2017

Start Construction – July 2017

Substantial Completion – July 2018

Phase I Project Budget and Funding

Project Budget: \$9.7 M

Construction: \$7.6 M

Funding:

- \$5.9M MEASURE H
- \$1.5M COP FUNDING
- \$1.5M M&O
- \$3.4M STATE SHARE (MODERNIZATION)

\$12.3M TOTAL

* See Appendix B for expenditure and budget detail.

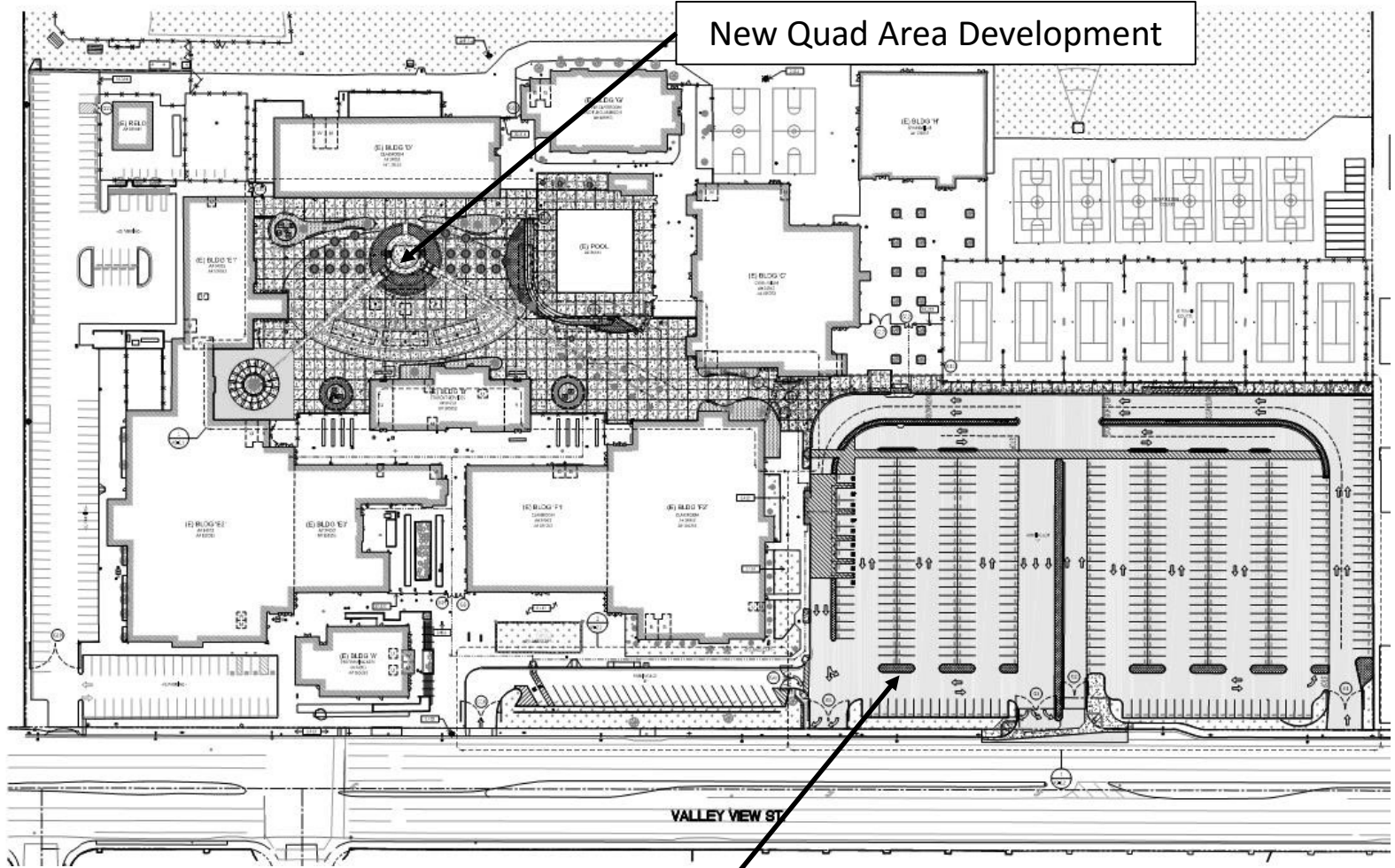
SCOPE: The project comprises two phases. Phase I includes a New Student Parking Area (407 cars) with Solar PV Carport Sheds as well as the realignment of the Valley View entry with the new City of Cypress street intersection and stop lights. Phase I also provides new landscaping along Valley View and a low (36") CMU wall. Campus improvements include replacement of the existing Quad concrete hardscape, new landscaping and shade structures as well as new site security fencing including fencing between City and school playfields. Phase I also includes 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, and a new bike rack enclosure.

Design Project



Cypress High School Site Improvement Project (Phase I)



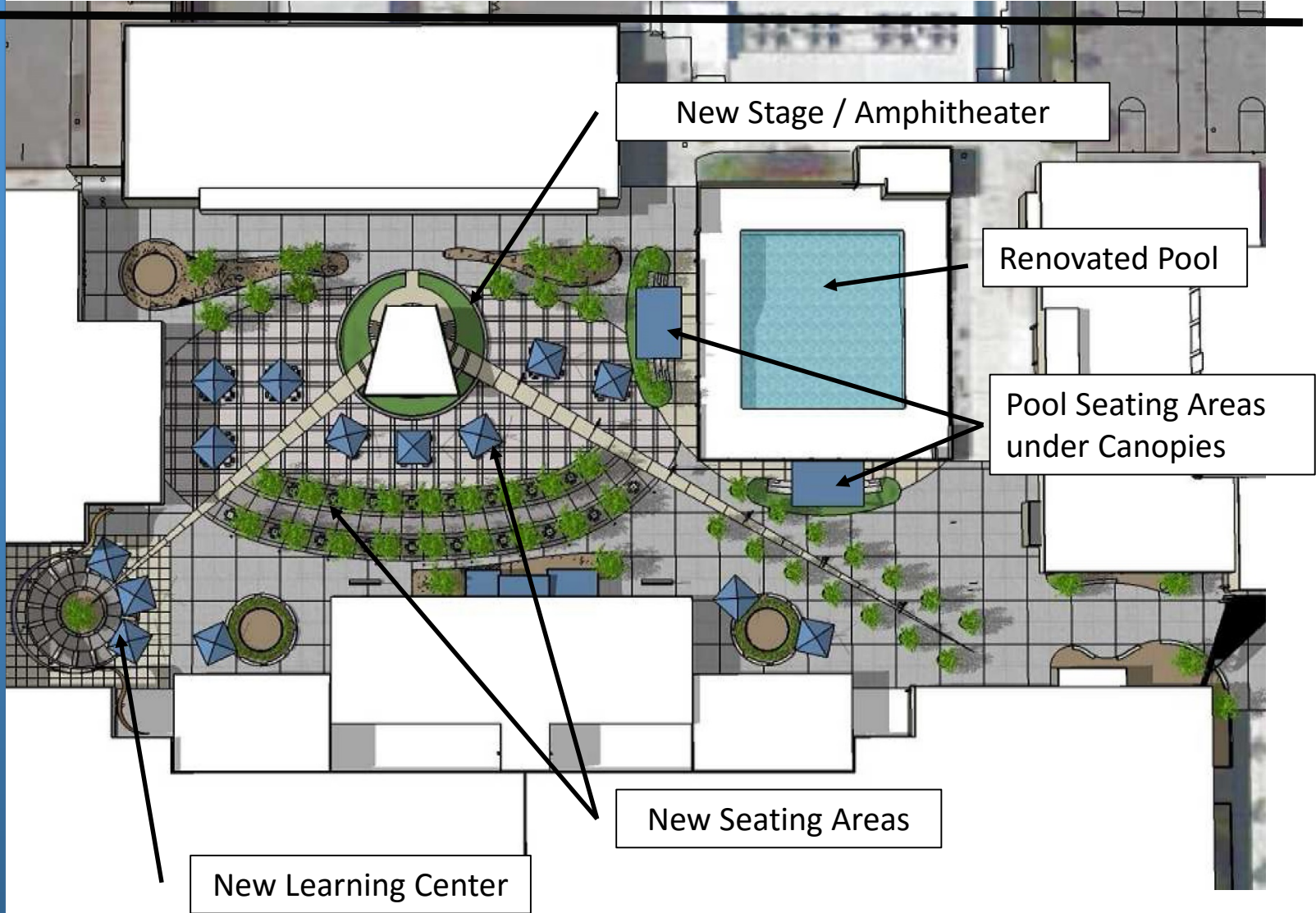
New Quad Area Development

New Student Parking Area Improvements

Overall Site Plan



Cypress High School Site Improvement Project (Phase I)



Quad Area Site Plan



Cypress High School Site Improvement Project (Phase I)



Quad Area Rendering



Entry Plaza Rendering



Cypress High School Site Improvement Project (Phase I & II)

CYPRESS HIGH SCHOOL SITE IMPROVEMENT PROJECT April 1, 2016

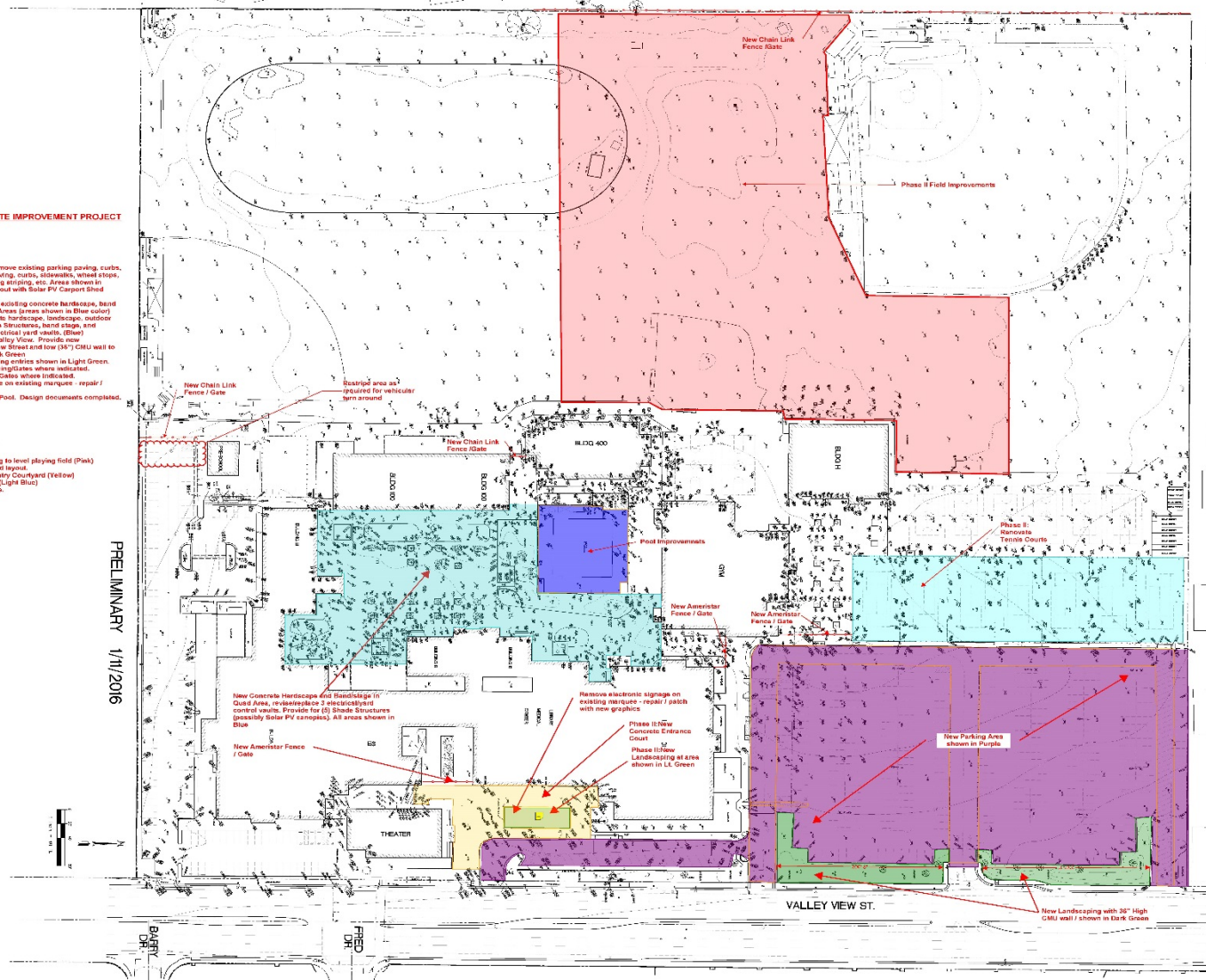
Phase I - Scope of Work Description

1. Student Parking Area. Remove existing parking paving, curbs, etc. and replace with new paving, curbs, sidewalks, wheel stops, ADA warning surface, parking striping, etc. Area shown in Purple color. Coordinate layout with Solar PV Carpet Shed layout.
2. Quad Hardscape. Remove existing concrete hardscape, hand stage landscaping in Quad Area (area shown in Blue color) and replace with new concrete hardscape, landscape, outdoor warning areas, and (5) Shade Structures, hand stage, and rework/remove 3 existing electrical yard vaults. (Blue)
3. New Landscaping along Valley View. Provide new landscaping along Valley View Street and low (36") CHU wall to match existing shown in Dark Green.
4. New Landscaping at building entries shown in Light Green.
5. New Dimensional Iron Fencing/Gates where indicated.
6. New Chain Link Fencing / Gates where indicated.
7. Remove electronic signage on existing marquee - repair / patch with new graphics.
8. Improvements to existing Pool. Design documents completed.

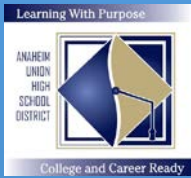
Phase II - Scope of Work Description

1. Playfields. Revis grading to level playing field (Pink)
2. Provide new Softball Field layout.
3. New Landscaping and Entry Courtyard (Yellow)
4. Rework Tennis Courts (Light Blue)
5. New Blue Back Crossings.

PRELIMINARY 1/11/2016



Phasing Site Plan



Budget Commitments Review

- **3 Contracts Encumbered**

<u>Description / Contract Amount</u>	<u>Expenditures to Date</u>	<u>Percentage Complete</u>
• PPM Construction Mgt - \$278,681	\$36,507	13.1%
• Ruhnau Ruhnau Clark (AOR) - \$526,750	\$26,850	5.1%
• NB Consulting Engineers (Surveying) - \$29,900	\$29,900	100%

Comments

- The Cypress High School Site Improvement Project is at 75% Construction Documents (Design) for Phase I and is scheduled to be submitted to DSA in late December 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	PROJECTED EXPENDITURE THRU JUNE 30, 2016	BALANCE TO COMPLETE (FUTURE MEASURE H FUNDS)
ANAHEIM HS	1	29	\$ 412,031.46	\$ 1,075,468.54
BALL JHS	1	5	\$ 94,013.48	\$ 393,486.52
BROOKHURST JHS	1	6	\$ 121,059.95	\$ 466,440.05
CYPRESS HS	1	19	\$ 282,204.95	\$ 830,295.05
DALE JHS	1	7	\$ 118,665.85	\$ 531,334.15
HOPE SCHOOL	1	4	\$ 72,654.90	\$ 352,345.10
KATELLA HS	1	25	\$ 358,423.85	\$ 866,576.15
KENNEDY HS	1	16	\$ 235,660.29	\$ 739,339.71
LEXINGTON JHS	1	8	\$ 103,170.61	\$ 446,829.39
LOARA HS	1	9	\$ 151,875.07	\$ 985,624.93
MAGNOLIA HS	1	14	\$ 217,405.32	\$ 882,594.68
ORANGEVIEW JHS	1	6	\$ 87,558.66	\$ 462,441.34
OXFORD ACADEMY	1	12	\$ 193,520.68	\$ 418,979.32
SAVANNA HS	1	10	\$ 170,654.86	\$ 866,845.14
SOUTH JHS	1	14	\$ 201,926.92	\$ 510,573.08
SYCAMORE JHS	1	8	\$ 123,762.39	\$ 713,737.61
TRIDENT EDUCATION CENTER	1	7	\$ 114,979.72	\$ 410,020.28
WALKER JHS	1	6	\$ 103,421.23	\$ 446,578.77
WESTERN HS	1	12	\$ 186,515.42	\$ 963,484.58
			\$ 3,349,505.61	\$ 12,362,994.39

The 3rd Wave of 21st Century Classroom Furniture Implementation is in progress.

Current tasks are:

- Determine strategy for implementation
- Goal: Minimize costs to upgrade classrooms beyond the scope of Measure H
- New round of teacher applications

Completed Projects

UPCOMING PROJECTS

Oxford Academy STEAM Classrooms – Phase 1 (*Includes New Band and Choir*)

Oxford Academy – Security Fencing, Cameras and Locks – Phase 2

Brookhurst Jr. HS Security Fencing and Site Drainage Improvements

District Office Security Measures

Savanna HS Parking Improvements

Kennedy HS Parking Improvements

Security Site Fencing / CCTV Systems

OXFORD:
The scope may
combine both
projects.

Project Schedule: May 2016 – August 2018

Planning thru Construction Completion

Combined Project Budget

Including Soft Costs: \$8M (Measure H)

SCOPE:

With the exception of the Oxford Academy STEAM Classrooms which are minimally funded by Measure H, 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

WAVE II - MAJOR MEASURE H PROJECTS:

On November 8, 2016 California voters approved the \$9 Billion Prop 51 also known as the “School Bonds – Funding for K-12 School and Community College Facilities” bond.

The District will leverage Measure H funds by seeking state eligibility funding for modernization and new construction under the School Facility Program.

With state funds available in 2017, staff will start the process of prioritizing major Measure H projects by maximizing Prop 51 funds.

<u>Prop 51 Funding</u>	\$9B	
	\$3B	Modernization Projects
	\$3B	New Construction
	\$500M	CTE
	\$500M	Charter Schools
	\$2B	Community Colleges

Wave II
 Measure H Projects
 will be confirmed at
 the next COC
 meeting