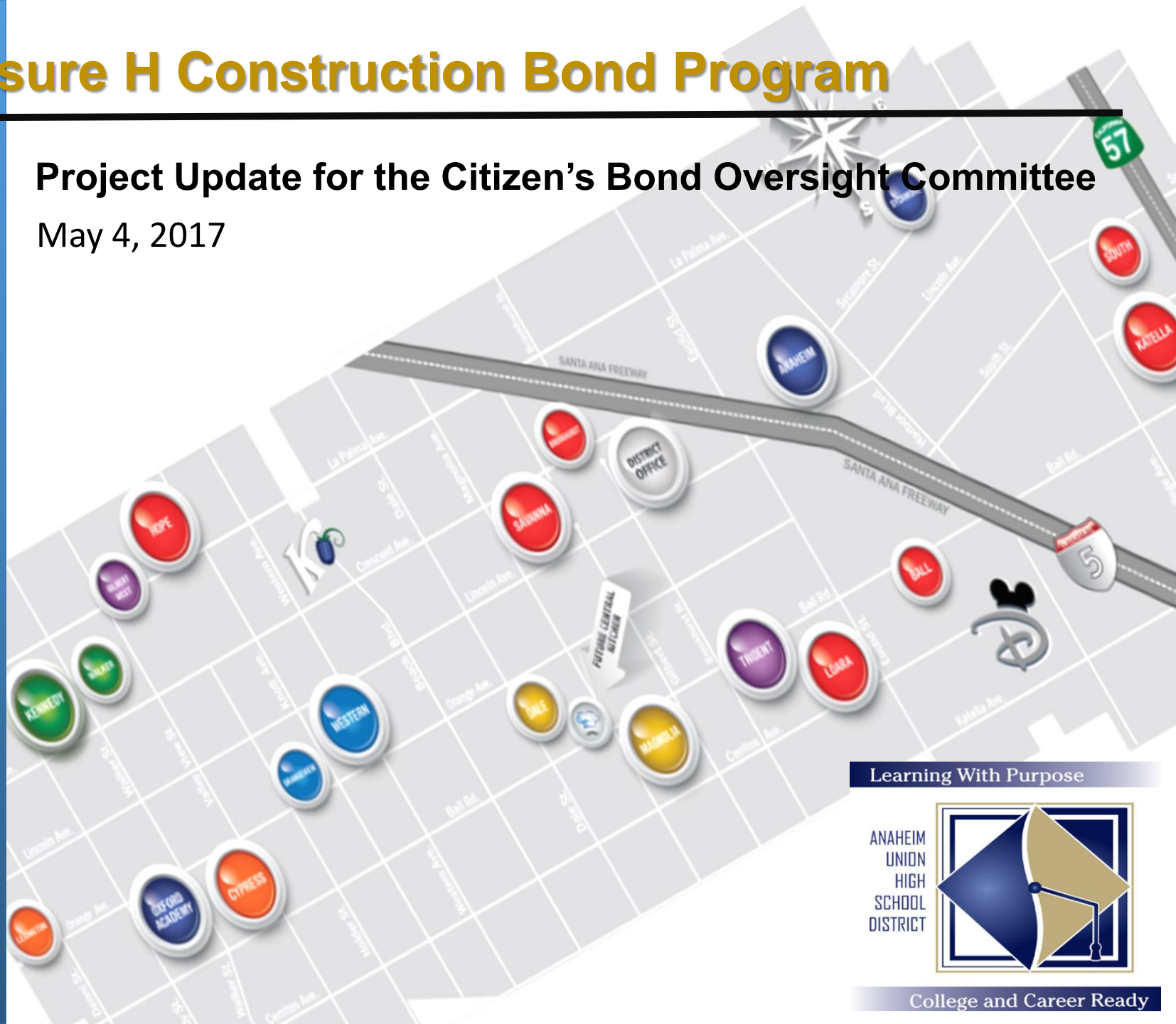


Measure H Construction Bond Program

Project Update for the Citizen's Bond Oversight Committee

May 4, 2017



Learning With Purpose



College and Career Ready

Wave I Project Update

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

Major Design Projects

- Oxford Academy New Music Building and STEAM Labs
- Walker JHS Modernization
- Hope School Modernization



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Wave II Project Update

Minor Design Projects

- Brookhurst JHS Security Fencing
- District Office Security Measures + Fencing
- Kennedy HS Parking Lot + Fencing Improvements
- Loara HS Fencing Improvements
- Savanna HS Parking Lot, Quad + Fencing Improvements
- Sycamore HS Parking Lot, Site + Fencing Improvements
- Western HS Parking Lot + Fencing Improvements
- 2017-18 Implementation of 21st Century Classroom Furniture

Financial Summary

Expenditures to Date (April 30,2017)

Katella High School DROPS – Site Improvement Project

Project Status: 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.



School Entrance

PROJECT HIGHLIGHTS

- 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

Status: The Project is **99%** complete. Contractor is taking care of “punchlist” items.

Katella High School DROPS – Site Improvement Project

Project Schedule

DROPS Design Completed – October 2015

DSA Approval – November 16, 2011 (Original)

Construction NTP 1 – November 2015

Construction NTP 2- March 2016

Construction Completion – March 2017

Ribbon Cutting Ceremony – April 4, 2017

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

Measure H funds were used for construction of the Student Store, Shade Structures, Fencing, Parking Lot, Quads and Paving.



Administration Building



Shade Shelter with Lunch Tables

Katella High School DROPS – Site Improvement Project

	Contract/Budget Amount	Expenditures to Date	Total Remaining	Percent Complete	
DSA Fees	\$75,000	\$0	\$75,000	0%	
PPM Construction Management	\$300,000	\$300,000	\$0	100%	<i>(CM costs)</i>
PPM SWB - DROPS	\$108,010	\$108,010	\$0	100%	
Previous A/E Services	\$264,592	\$264,592	\$0	100%	
Pinner Construction (NTP 1)	\$122,988	\$116,848	\$6,140	100%	<i>(less retention)</i>
Pinner Construction (NTP 2)	\$11,368,000	\$8,537,232	\$2,830,768	75.10%	<i>(per last billing)</i>
Vital Inspection Services (DSA)	\$140,000	\$142,960	(\$2,960)	102.11%	
Group Delta (Special Inspection)	\$119,980	\$129,440	(9,460)	107.88%	
Ghataode Bannon Architect (AOR)	\$323,100	\$191,040	\$132,060	59%	
Inspection Resources (Utility Mapping)	\$17,480	\$17,480	\$0	100%	
C2 Imaging (Reprographics)	\$2,500	\$2,973	(\$473)	119%	

As of April 30, 2017

Comments

- The Katella Project is being completed within budget and schedule.
- Lease payments to commence in May and continue for 9 months for a total of \$1,136,800.

Katella High School DROPS – Site Improvement Project



Band Stage



Tree Planter Seating at Student Quad



Heritage Garden



Bio-swale at Child Care

Katella High School DROPS – Site Improvement Project



California Heritage Garden



California Heritage Garden (East Side)



California Heritage Garden (Looking East)



California Heritage Garden (Looking West)

Dale JHS Modernization and New Construction Project

Project Status: In Design
 Architect: Ghataode Bannon Architects
 Contractor: TBD
 Program Manager: Cumming
 Project Schedule: September 2016 – September 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 modernization of all classrooms that includes in part or in whole: 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. New parking areas, landscaping, and site security fencing will be provided. The Central Quad will be renovated with new landscaping and shade structures. A new Band building will be constructed. **Phase II** includes a new Administration and Library Building with STEAM labs. **Phase III** is the major modernization of the Polaris Building and associated sitework. Interim Housing will be provided onsite prior to the start of construction.



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, 4, 5, 7 (Shower and Locker Rooms) and 8 (Science)
 - Learning Courtyards
 - Redesign of Main Quad – Outdoor Amphitheater
 - Minor Modernization of Buildings 5A, 6 and Gym

PHASE III:

- Major Modernization of Polaris and Associated Site Work

Dale JHS 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**

Measure H funds will be use to fund new construction, the modernization of classrooms and the gym, the upgrade of building systems, site utilities and technology infrastructure as well as site fencing and construction of learning quads and parking.

Project Budget (3 Phases)

- Budget - \$38M
- Construction Budget: - \$31.4M

Project Schedule

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



Dale JHS Modernization and New Construction Project

	Total	Unit	Unit Price	Total Cost	
Phase I					
Site					
Central Quad	35,000	SF	\$20	\$700,000	
Learning Court	11,500	SF	\$18	\$207,000	
Shade Structure (30'x80')	2	EA	\$100,000	\$200,000	
Drop-off/Bus Loop	37,000	SF	\$13	\$481,000	
Utilities + Other	1	LS		\$2,020,224	
					\$3,608,224
New Construction					
Band Bldg	2,400	SF	\$366	\$878,400	\$878,400
Modernization					
Major Modernization	30,170	SF	\$165	\$4,978,050	
Minor Modernization	37,020	SF	\$40	\$1,480,800	
Bldg 7 (Shower/Locker)	7,350	SF	\$201	\$1,477,350	
					\$7,936,200
Total Phase I (Construction + 8% Escalation)					\$13,435,650
Phase II					
Site					
	1	LS		\$1,100,464	\$1,100,464
New Construction					
Admin, Media Center, Science and	25,075	SF	\$345	\$8,650,875	\$8,650,875
Total Phase II (Construction + 8% Escalation)					\$11,480,118
Phase III					
Site					
	1	LS		\$911,300	\$911,300
Modernization					
Polaris	11,000	SF	\$225	\$2,475,000	\$2,475,000
Total Phase III (Construction + 8% Escalation)					\$3,657,204
Construction Hard Costs Estimate					\$28,573,129
Design Contingency (10%)					\$2,857,313
Construction Budget					\$31,430,442

Dale JHS Modernization and New Construction Project

4 Contracts Encumbered

Decription	Contract/Budget Amount	Expenditures to Date	Total Remaining	Percent Complete
PPM Construction Management	\$710,000	\$104,950	\$605,050	14.78%
Ghataode Bannon Architect (AOR)	\$2,409,600	\$184,109	\$2,225,491	7.64%
Inspection Resources (Utility Mapping)	\$34,675	\$29,325	\$5,350	84.57%
NB Consulting (Surveying)	\$9,950	\$9,950	\$0	100%

As of April 30, 2017

Cypress High School Site Improvement Project

Phase I

Project Status: Plancheck (DSA)
 Architect: Runhau Runhau Clarke
 Contractor: TBD
 Program Manager: Cumming
 Project Schedule: May 2016 – December 2018

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 as well as 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.



Phase I Project Budget and Funding

Project Budget: \$10.8M

Construction: \$8.5M

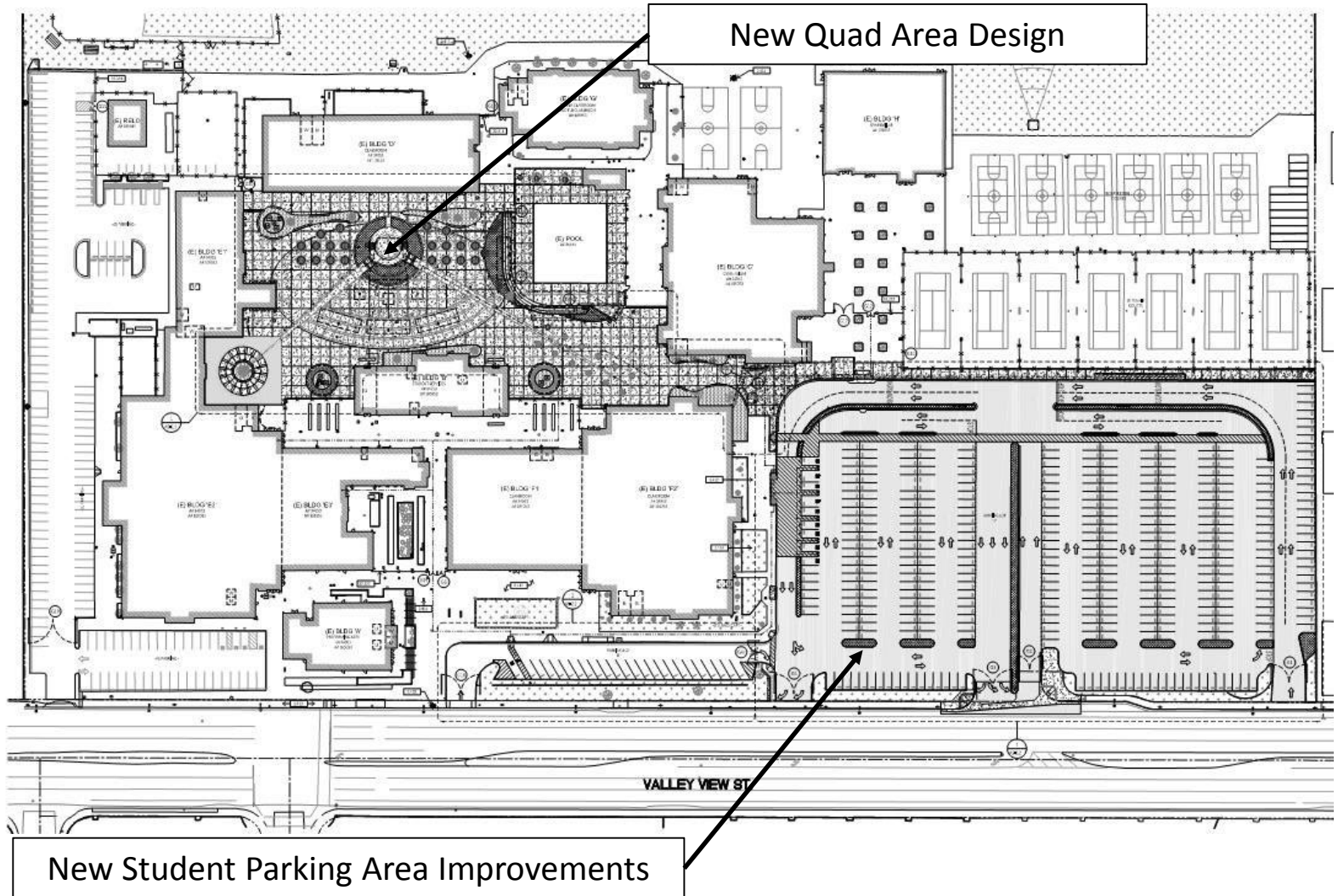
Funding:

- \$3.8M MEASURE H
- \$1.6M COP FUNDING
- \$1.5M M&O
- \$3.9M STATE SHARE (MODERNIZATION)

\$10.8M TOTAL

Measure H will be used to fund the construction of the Quad , Parking Lot, Shade Structures and Fencing.

Cypress High School Site Improvement Project



Cypress High School Site Improvement Project



New Canopy

New Decorative
Gates and Fencing

Cypress High School Site Improvement Project



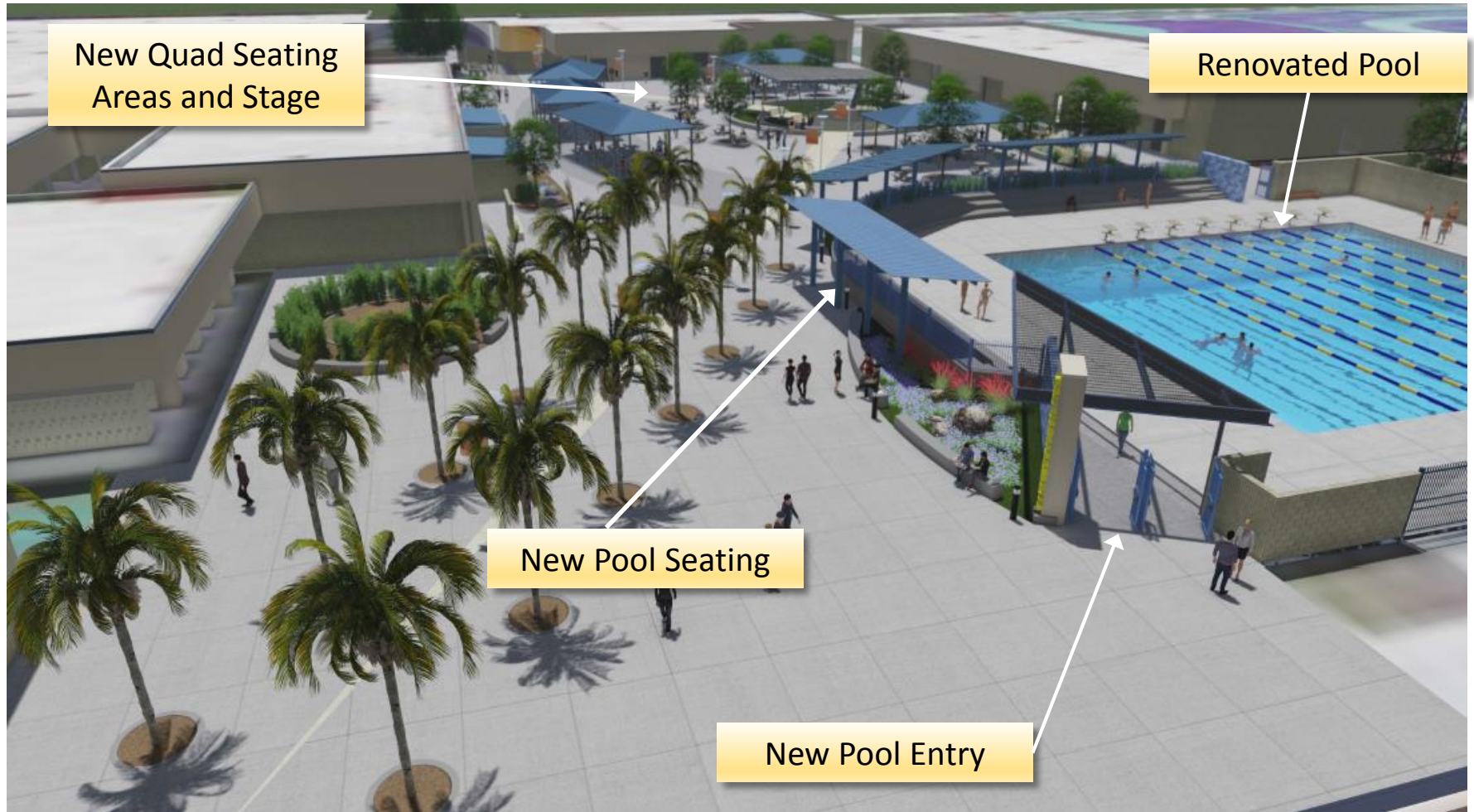
New City of Cypress street intersection and traffic light

New Solar Carport Shades

Cypress High School Site Improvement Project



Cypress High School Site Improvement Project





Cypress High School Site Improvement Project





Cypress High School Site Improvement Project

5 Contracts Encumbered

Decription	Contract/Budget Amount	Expenditures to Date	Total Remaining	Percent Complete
DSA Fees	\$68,500	\$68,500	\$0	100%
PPM Construction Management	\$278,681	\$134,277	\$144,404	48%
Runnhau Runhau Clarke (AOR)	\$526,750	\$312,979	\$213,771	59.42%
NB Consulting Engineers (Surveying)	\$34,850	\$29,900	\$4,950	85.8%
C2 Imaging (Reprographics)	\$15,000	\$191	\$14,809	1.27%
Orange County Health Care Agency Fees	\$382	\$382	\$0	100%

As of April 30, 2017

Comments

- The Cypress High School Site Improvement Project Phase I was submitted to DSA on December 27, 2016. Phase II is in design and will be submitted to DSA for plan check in late Summer 2017.

Oxford Academy New Music Building and STEAM Labs

Current Phase: Design Development
 Architect: Dougherty
 Contractor: TBD
 Program Manager: AUHSD
 Project Schedule: March 2016 – August 2019

Project Schedule

DSA Plan Check Submittal: End of Summer 2017
 (Anticipated)

Bidding: March 2018 (Anticipated)

Construction Start: June 2018 (Anticipated)



Project Budget

Project Budget - \$6.1 Million

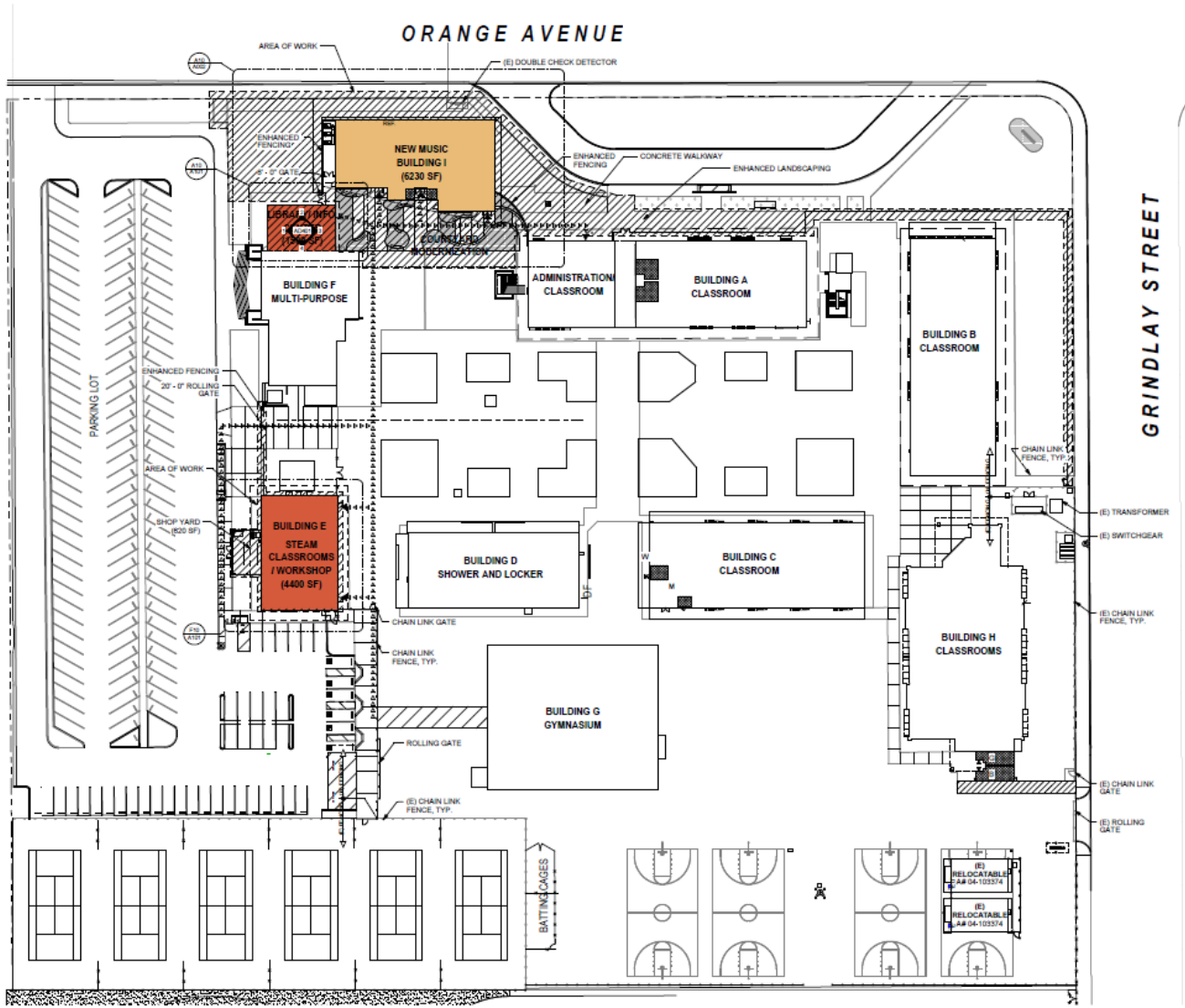
Funding

- \$0.7M MEASURE H
- \$3.0M STATE SHARE (New + Modernization)
- \$1.2M COPS
- \$1.0M RDA
- \$0.2M OTHER FUNDING

\$6.1M TOTAL

Measure H funds will be used for technology upgrades, furniture and safety and security.

Oxford Academy New Music Building and STEAM Labs



Oxford Academy New Music Building and STEAM Labs



Oxford Academy New Music Building and STEAM Labs

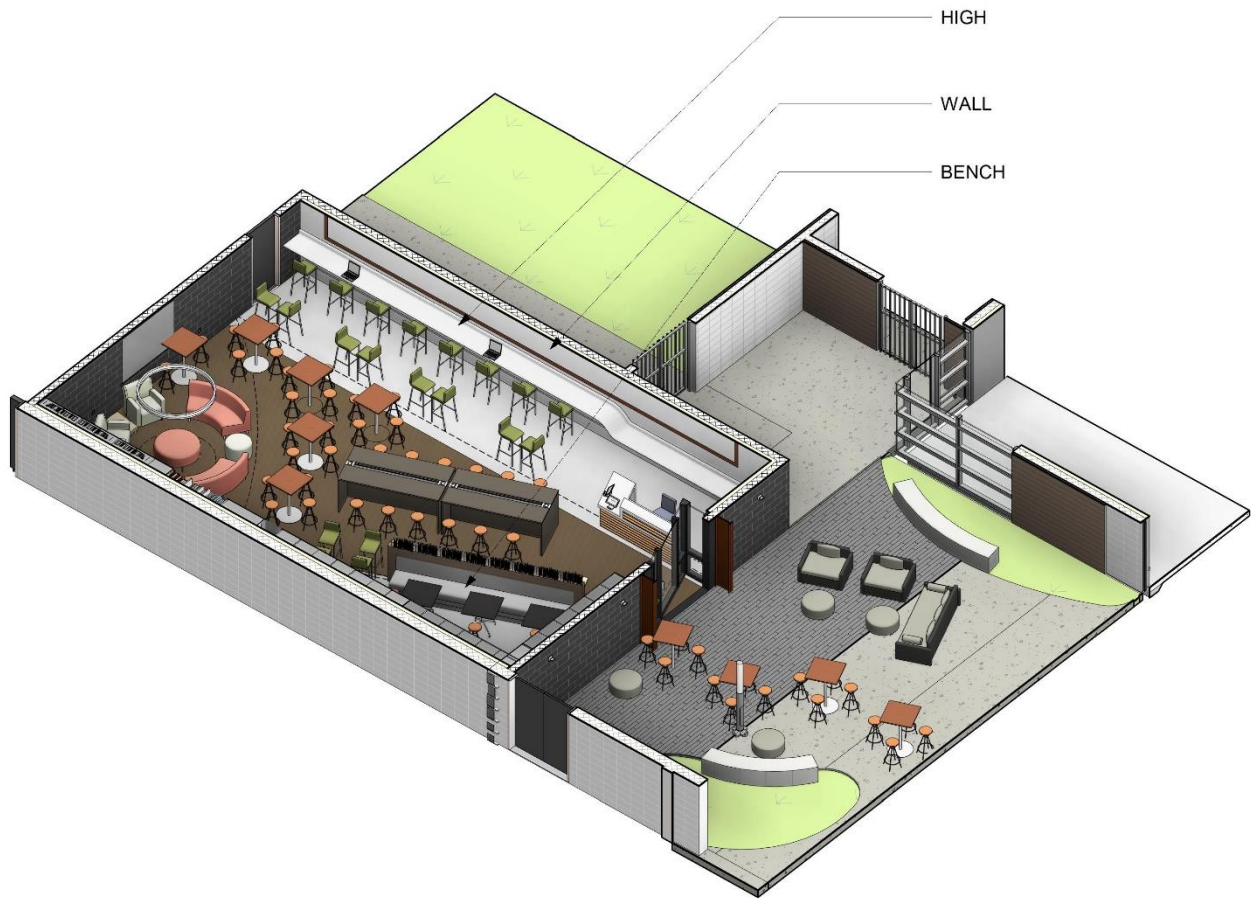




Oxford Academy New Music Building and STEAM Labs



Oxford Academy New Music Building and STEAM Labs



Oxford Academy New Music Building and STEAM Labs



Oxford Academy New Music Building and STEAM Labs

3 Contracts Encumbered

Decription	Contract/Budget Amount	Expenditures to Date	Total Remaining	Percent Complete
DSA Fees				
Dougherty(AOR)				
C2 Imaging (Reprographics)				

Wave II Projects

	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 was completed in late February.
- Furniture orders were placed in April.

WAVE II PROJECTS

Walker JHS Modernization: \$12.6M

Hope School Modernization: \$8.2M

Brookhurst Jr. HS Security Fencing: \$300K

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

Kennedy HS Parking Lot + Fencing Improvements: \$1.2M

Loara HS Fencing Improvements: TBD

Savanna HS Parking Lot, Quad + Fencing Improvements: \$3.5M

Sycamore HS Parking Lot, Site + Fencing Improvements: TBD

Western HS Parking Lot + Fencing Improvements: TBD

Security Site Fencing – Various Sites: \$1M

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

District Wide Security Measures: TBD

Project Schedule: May 2016 – August 2020

Planning thru Construction Completion

Combined Project Budget

Including Soft Costs: \$40M (Measure H)

SCOPE:

With the exception of the projects at the Oxford Academy, Hope School, Walker JHS, and the 21st Century Classroom Furniture, the remaining projects on the list focus on improvements to the existing parking areas and overall campus security including fencing upgrades, and installation of security cameras.

June 2015 – April 2017 Measure H Expenditure Summary

Bond Series 2015 Proceeds	\$63,925,166.70
Expenditures as of April 30, 2017	<u>\$30,961,986.23</u>
Balance Bond Series 2015	\$32,963,180.47

The following is the detail summary of the Measure H Expenditures as of April, 2016

A. Design, Inspection, and Testing	\$2,889,932.90
A1. Construction	\$4,240,961.66
B. 21st Century Furniture	\$3,420,682.54
C. 2012 Certificate of Participation Payoff	\$19,883,505.98
D. Bond Administration Costs and Interest Expense	\$526,903.15
	<hr/>
TOTAL EXPENSES:	\$30,961,986.23