



## Wave I Project Update

### **Completed Projects**

- Katella High School DROPS – Site Improvement Project

### **Major Design Projects**

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

### **Minor Design Projects**

- Kennedy HS Site Improvements
- Brookhurst JHS Security Fencing
- Loara HS Security Fencing
- Anaheim HS Security Fencing

### **On-going Projects**

- 21<sup>st</sup> Century Classroom Furniture

## Wave II Project Update

### **Major Design Projects**

- Oxford Academy New Music Building and STEAM Labs
- Savanna HS Modernization
- Walker JHS Modernization
- Hope School Modernization
- Magnolia HS New Construction and Modernization

### **Minor Design Projects**

- District Office Security Measures
- Sycamore HS Parking Lot, Site and Fencing Improvements
- Western HS Parking Lot and Fencing Improvements

## Financial Summary

### **Expenditures to Date (August 31, 2017)**

# Katella High School DROPS - Site Improvement Project

**Current Phase:** **COMPLETED**  
**Architect:** Ghataode Bannon Architects  
**Program Manager:** Cumming  
**Contractor:** Pinner Construction

## Project Budget and Funding **Funding**

- \$ 6.3M MEASURE H
  - \$ 4.5M COPS
  - \$ 2.0M DROPS (State Water Board)
- \$12.8M TOTAL**

**Project Budget - \$12.8M**

**Final Project Cost - \$12.660M**

**Construction LLB/GMP - \$11.368M**

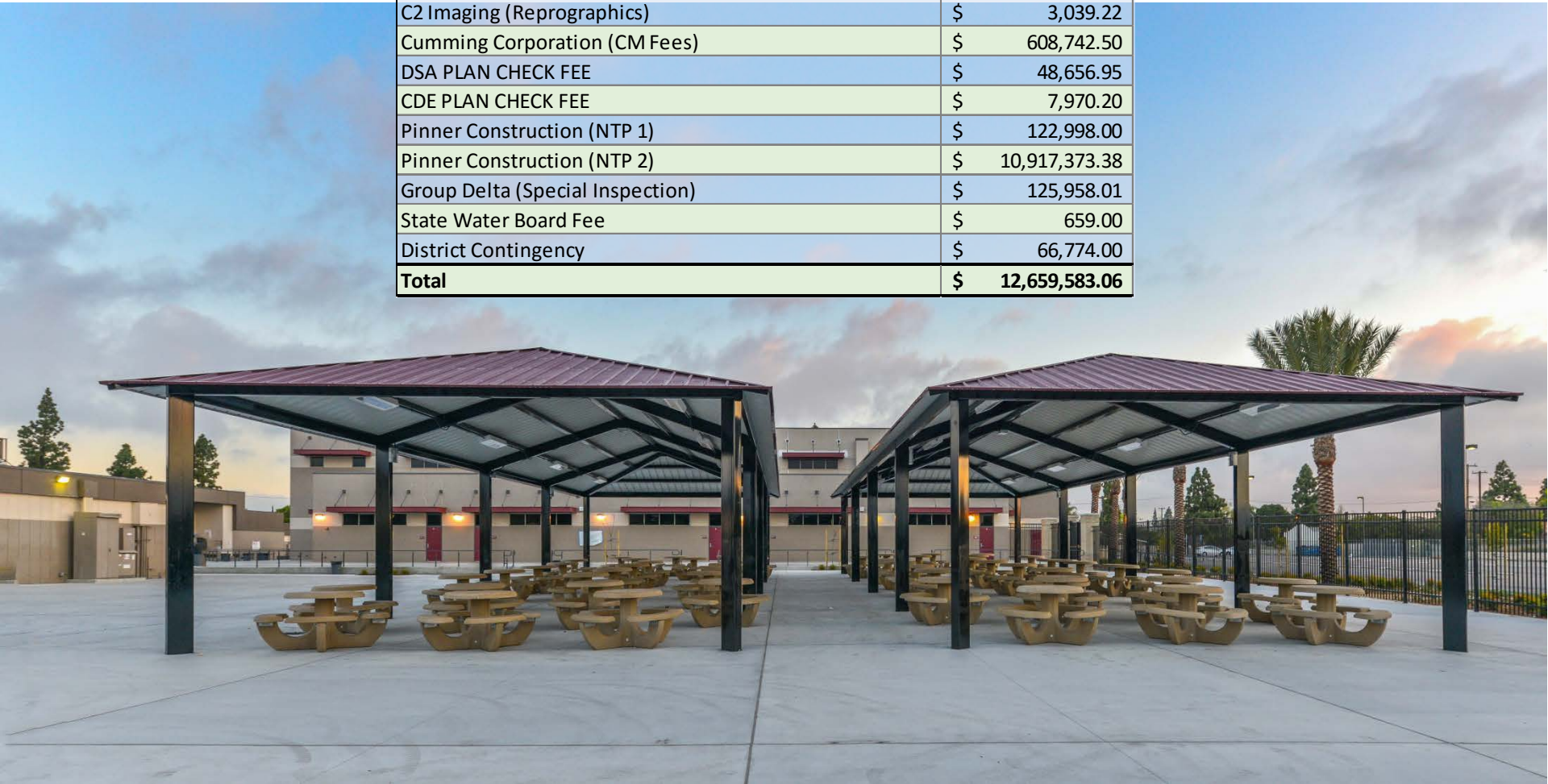
**Final Construction Cost - \$10.917M**

**Project Savings - \$140,417**



# Katella High School DROPS - Site Improvement Project

Description	Final Cost
Inspection Resources (Utility Mapping)	\$ 17,480.00
Ghataode Bannon Architects (A/E Services)	\$ 587,692.80
Wesgroup Architects (Previous A/E Services)	\$ 8,314.00
Vital Inspection Services (DSA Inspections)	\$ 143,925.00
C2 Imaging (Reprographics)	\$ 3,039.22
Cumming Corporation (CM Fees)	\$ 608,742.50
DSA PLAN CHECK FEE	\$ 48,656.95
CDE PLAN CHECK FEE	\$ 7,970.20
Pinner Construction (NTP 1)	\$ 122,998.00
Pinner Construction (NTP 2)	\$ 10,917,373.38
Group Delta (Special Inspection)	\$ 125,958.01
State Water Board Fee	\$ 659.00
District Contingency	\$ 66,774.00
<b>Total</b>	<b>\$ 12,659,583.06</b>



# Dale JHS Modernization and New Construction Project

**Current Phase:** In Design  
**Architect:** Ghataode Bannon Architects  
**Program Manager:** Cumming  
**Contractor:** TBD

## PROJECT SCHEDULE (3 PHASES)

### DSA Submittal:

**Modernization:** June 2017  
**New Construction:** November 2017  
**Polaris:** September 2017

### Bidding:

**Bid Solicitation :** October 2017  
**Contract Award (NTP 1):** January 2018  
**Construction (NTP 2):** Spring 2018  
**Completion:** Winter 2019

## Project Budget and Funding

**Project Budget - \$39.1M**

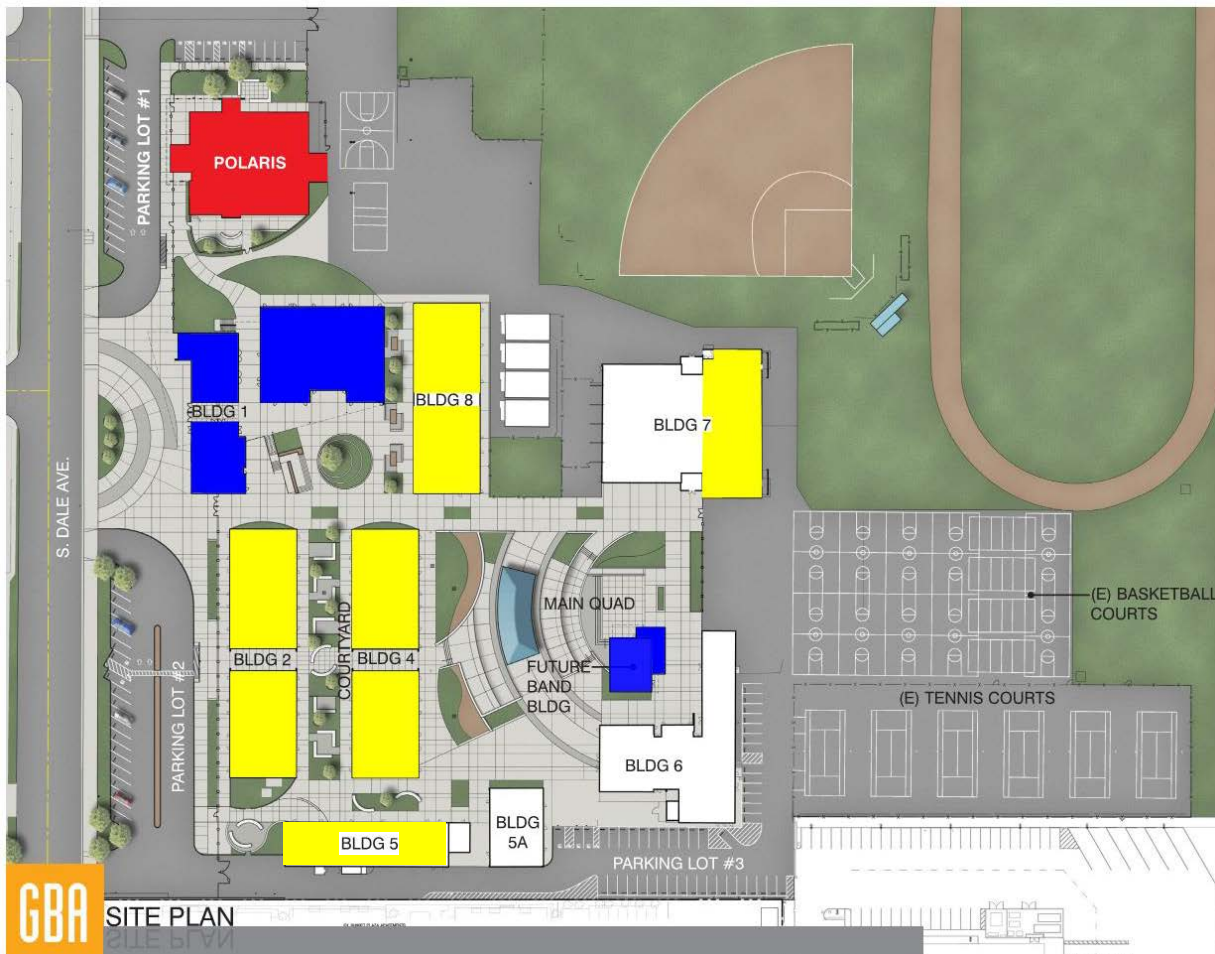
### Funding

- \$25.0M Measure H
- \$ 3.4M State Share (New and Mod)
- \$ 3.3M State Share (Polaris Mod)
- \$ 1.5M M & O
- \$ 5.9M Augmentations – Various Funds



*Measure H funds will be used 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.*

# Dale JHS Modernization and New Construction Project



## Dale JHS:

- New Two-Story Building: Administration, Library, STEAM (Science and Computer Labs) and Special Ed. Classrooms
  - Demolition of Bldgs. 1 and 3
  - New Parking Lots and Drop-off
- Major Modernization: Bldgs. 2,4,5,7 (Shower & Locker Rooms) and 8 (Science)
  - New Art Courtyard
  - Learning Courtyards
  - Outdoor Amphitheater & New Band Building
  - New Landscaping and Shade Structures at Quad
- Minor Modernization: Bldgs. 5A, 6 and Gym
- Site Work includes new parking and drop-off areas, landscape and site security fencing.

## Polaris:

- Major Modernization of Polaris and Associated Site Work including Parking, Landscape and Shade Structures

*Modernization of all classrooms includes in part or in whole: new roofs, interior and exterior paint, flooring, interior and exterior lighting, fire alarm system, public address systems, intrusion alarm, security cameras, and IT upgrades.  
 Major modernization also includes HVAC improvements and new classroom casework.*

# Dale JHS Modernization and New Construction Project

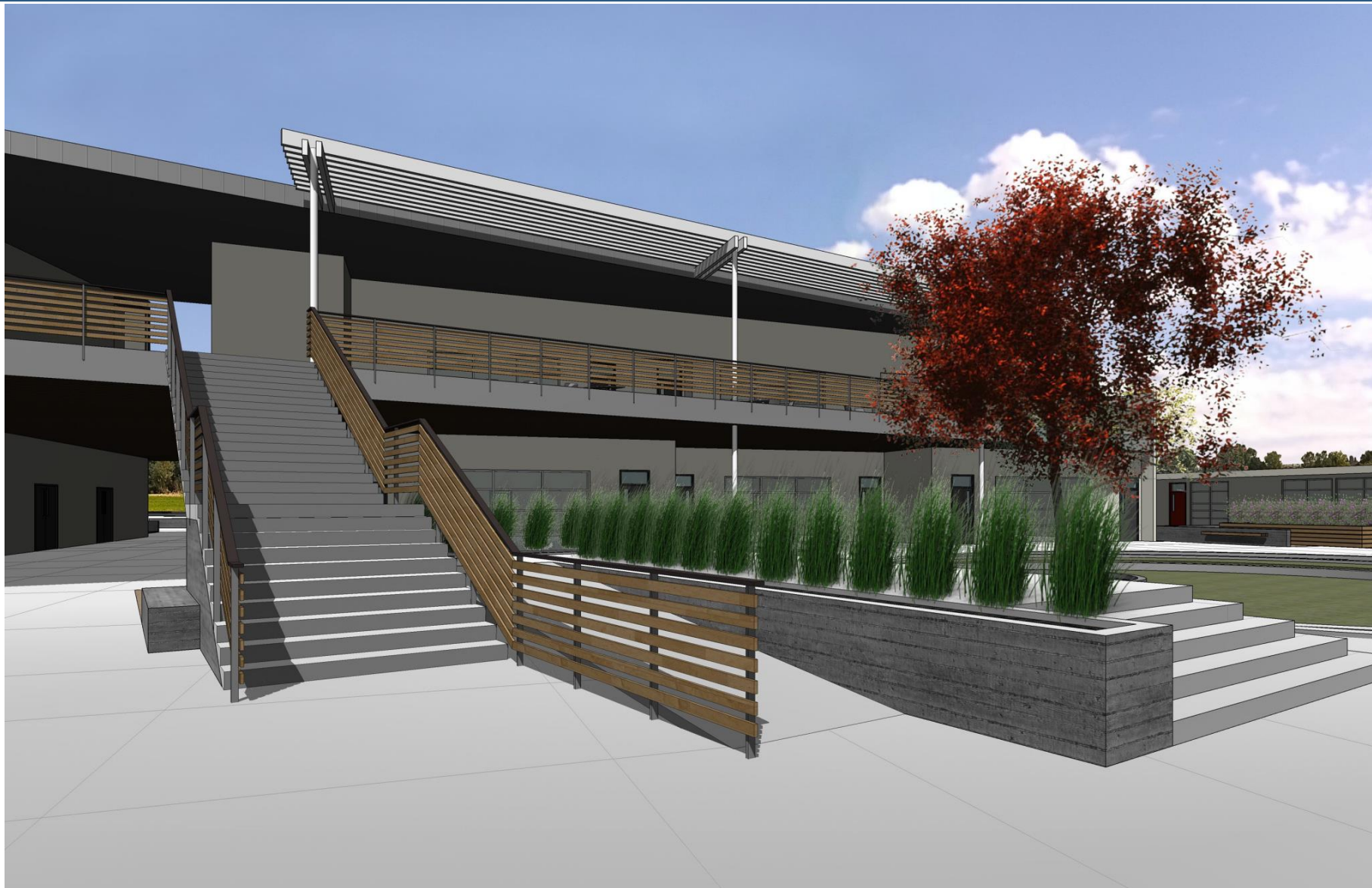




# Dale JHS Modernization and New Construction Project



# Dale JHS Modernization and New Construction Project



# Dale JHS Modernization and New Construction Project



# Dale JHS Modernization and New Construction Project



# Dale JHS Modernization and New Construction Project

	Total	Unit	Unit Price	Total Cost	
<b>Dale Modernization</b>					
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
<b>Total Phase I (Construction + 8% Escalation)</b>					<b>\$13,435,650</b>
<b>Dale New Construction</b>					
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
<b>Total Phase II (Construction + 8% Escalation)</b>					<b>\$11,480,118</b>
<b>Polaris</b>					
Site					
	1	LS		\$911,300	\$911,300
Modernization					
Polaris	11,000	SF	\$225	\$2,475,000	\$2,475,000
<b>Total Phase III (Construction + 8% Escalation)</b>					<b>\$3,657,204</b>
<b>Construction Hard Costs Estimate</b>					<b>\$28,573,129</b>
<b>Design Contingency (10%)</b>					<b>\$2,857,313</b>
<b>Construction Budget</b>					<b>\$31,430,442</b>

# Dale JHS Modernization and New Construction Project

## 5 Contracts Encumbered

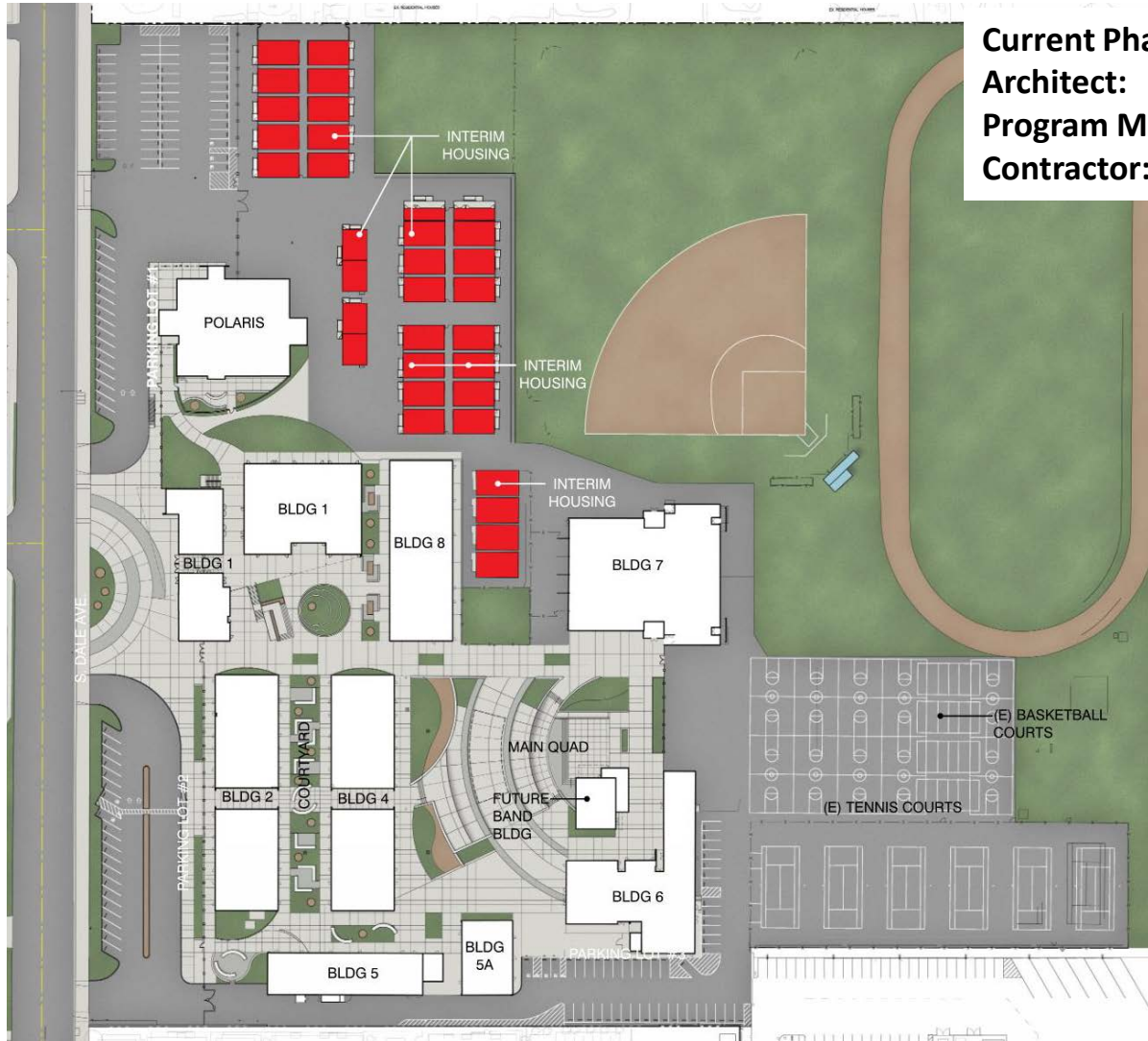
Description	Contract/Budget Amount	Expenditures to Date	Total Remaining	Percent Complete
PPM Construction Management	\$710,000	\$125,425	\$584,575	17.67%
Ghataode Bannon Architect (AOR)	\$2,409,600	\$826,614	\$1,582,986	34.31%
Inspection Resources (Utility Mapping)	\$34,675	\$34,675	\$0	100.00%
NB Consulting (Surveying)	\$15,900	\$15,900	\$0	100.00%
DSA Fees	\$285,000	\$221,827	\$63,173	77.83%

*As of August 31, 2017*

## Comments

- The Dale and Polaris projects will be executed utilizing the Lease-Leaseback construction delivery method. Refer to project schedule on page 6.

# Dale JHS Interim Housing



**Current Phase:** In Design  
**Architect:** Ghataode Bannon Architects  
**Program Manager:** Cumming  
**Contractor:** TBD

**PROJECT SCHEDULE**  
**DSA Submittal:** September 2017  
**Bidding:** Fall 2017  
**Construction:** December 2017  
**Completion:** February 2018  
**Occupancy:** March 2018

**Project Budget and Funding**  
**Project Budget - \$610,000**  
**Funding**

- \$610,000 Measure H

**Interim Housing:**

- Interim housing is provided at the north section of the site for the relocation of classrooms, locker rooms, and administration offices during construction

# Cypress High School Site Improvement Project

**Current Phase:** Bidding (Project I)  
**Architect:** Ruhnau Ruhnau Clarke  
**Program Manager:** Cumming  
**Contractor:** TBD

## PROJECT SCHEDULE (3 PHASES)

### **Bidding:**

**Bid Solicitation:** August 2017

**Contract Award (NTP 1):** November 2017

**Construction (NTP 2):** Winter 2017

**Completion:** Spring 2019



### **Project I Scope of Work:**

- New Student Parking area (407 cars) & Solar PV Carport Sheds
- New City of Cypress street intersection and traffic light
- Replacement of the existing Quad concrete hardscape
- New shade structures / lunch shelters
- Site security fencing
- Upgrade of Underground Utilities / Extension of utilities to future VAPA building
- ADA upgrades to existing girls' and boys' toilets
- Renovation of the existing pool, including ADA improvements, shade canopies, and spectator seating
- New fencing between the city and school playfields

### **Project I Budget and Funding**

**Project Budget:** \$10.8M

**Construction Budget:** \$9.7M

### **Funding:**

\$ 5.88 M MEASURE H

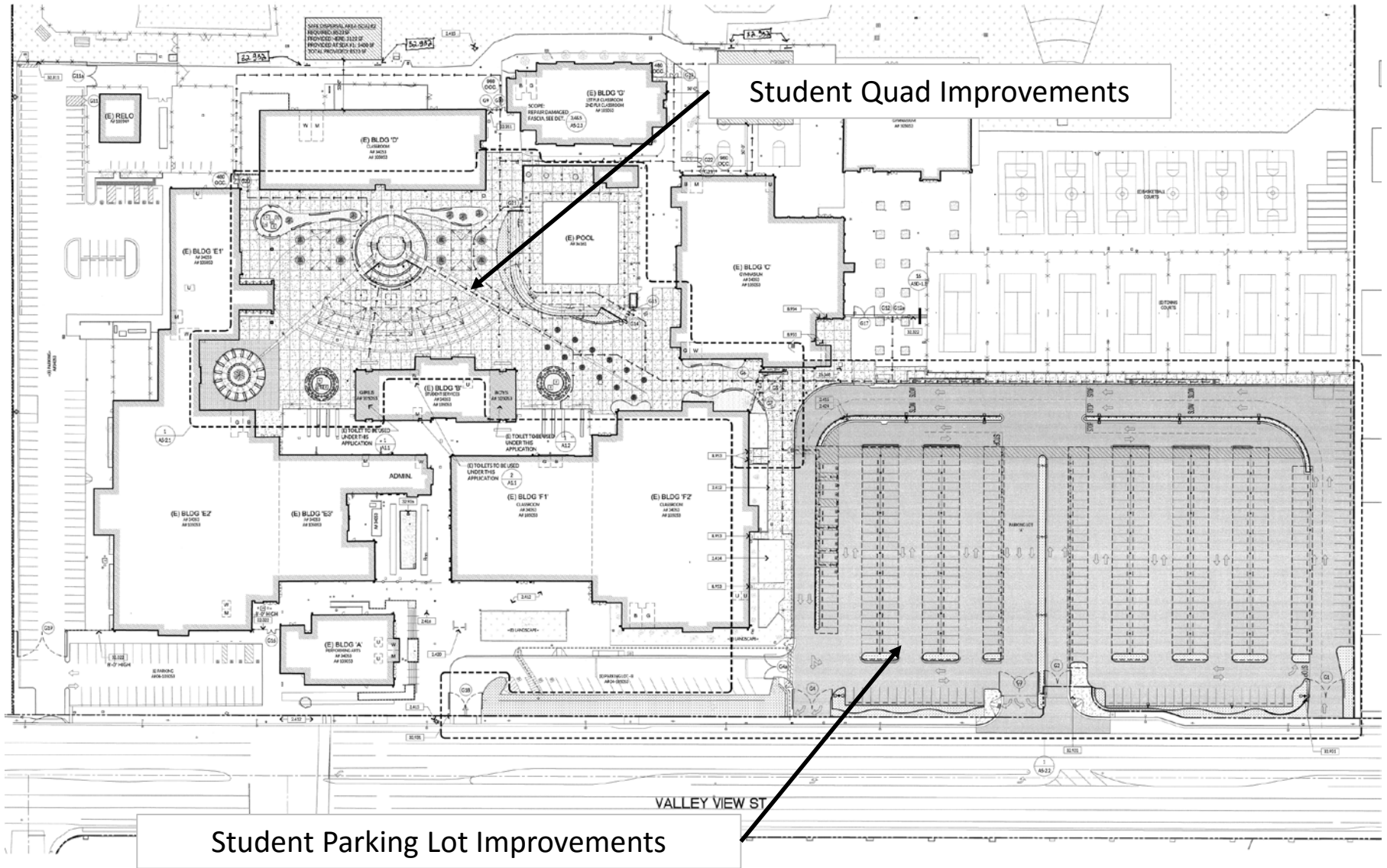
\$ 1.6 M COP FUNDING

\$ 1.5M M&O

\$ 3.88 M STATE SHARE (MODERNIZATION)



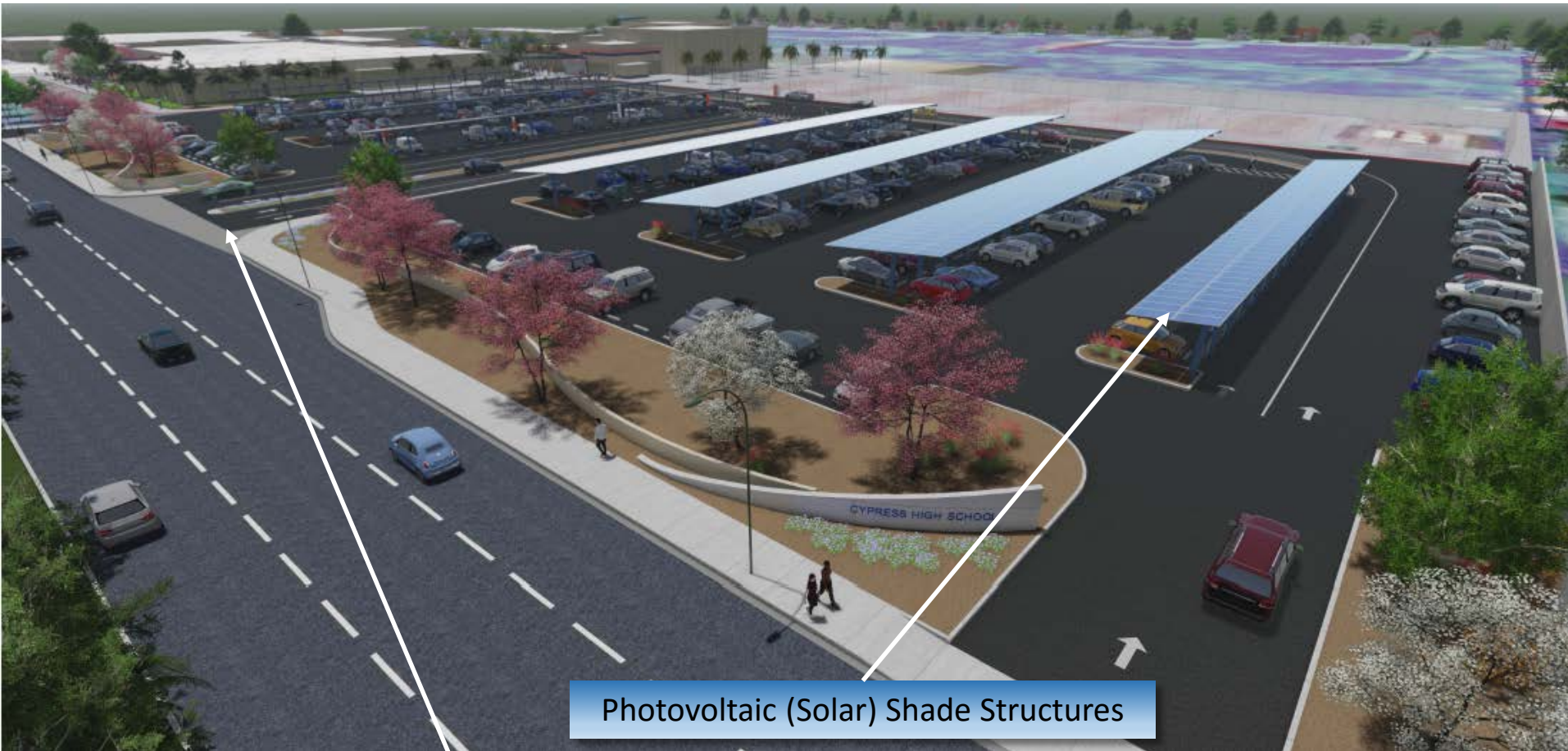
# Cypress High School Site Improvement Project



# Cypress High School Site Improvement Project



# Cypress High School Site Improvement Project



Photovoltaic (Solar) Shade Structures

New City of Cypress street intersection improvements

# Cypress High School Site Improvement Project



Shade Shelters

New Band Stage

New Pool Viewing Stands  
and Shade Canopies

# Cypress High School Site Improvement Project



New Quad Entry Promenade

Renovated Pool

New Pool Seating

New Pool Entry

# Cypress High School Site Improvement Project



## Project II (FUTURE BOND):

- Regrading of the playfields
- Provision of a girls' JV softball field
- Renovation and reorientation of the tennis courts
- New bike rack enclosure
- Renovation of the school's entry courtyard



# Cypress High School Site Improvement Project

## 9 Contracts Encumbered

Description	Contract/Budget Amount	Expenditures to Date	Total Remaining	Percent Complete
DSA Fees	\$68,550	\$68,550	\$0	100%
Orange County Health Care Agency Fees	\$382	\$382	\$0	100%
PPM Construction Management	\$512,631	\$240,568	\$272,063	46%
Ruhnau Ruhnau Clarke (AOR)	\$526,750	\$322,171	\$204,579	61%
Koury Engineering (Soils Testing)	\$45,270	\$0	\$45,270	0%
NB Consulting Engineers (Surveying)	\$34,850	\$34,850	\$0	100%
Encorp (Asbestos + Lead Survey)	\$7,087	\$7,087	\$0	100%
C2 Imaging (Reprographics)	\$5,000	\$835	\$4,165	17%

*As of August 31, 2017*

### Comments

- The Cypress HS Site Improvement Project will be executed utilizing the Lease-Leaseback construction delivery method. Refer to project schedule on page 16.

# Oxford Academy New Music Building and STEAM Labs

**Current Phase:** Design Development  
**Architect:** Dougherty  
**Program Manager:** AUHSD  
**Contractor:** TBD

## Project Budget and Funding

**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 to partially fund technology, 21<sup>st</sup> century classroom furniture and safety and security items.

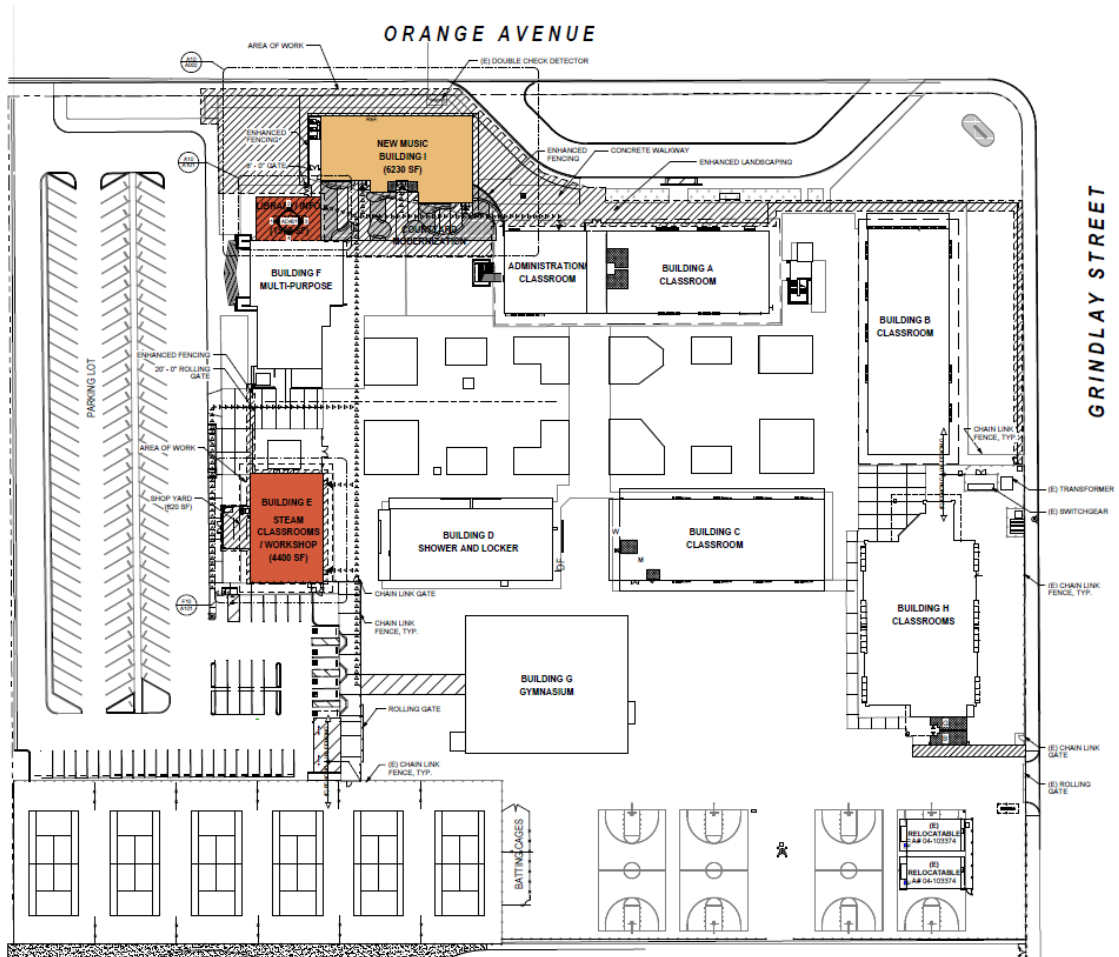


### PROJECT SCHEDULE

<b>DSA Plan Check Submittal:</b>	Fall 2017 (Anticipated)
<b>Bid Solicitation:</b>	October 2017
<b>Contract Award (NTP 1):</b>	January 2018
<b>Construction Start (NTP 2):</b>	June 2018 (Anticipated)
<b>Completion:</b>	Summer 2019 (Anticipated)



# Oxford Academy New Music Building and STEAM Labs



- New Music Building
  - Single Story, 3 Classroom Bldg.
  - Sitework
- Conversion of Shop Building to STEAM Lab
  - 2 new classrooms
  - Mechanical, electrical and plumbing upgrades including low voltage (data)
- Conversion of Existing Band Room Building to Library / LRC
  - Light modernization with new finishes
  - New lighting, data and power
  - New entry and courtyard
- Perimeter Fencing and Security
- New drought tolerant landscaping
- One Shade Structure

# 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

PROJECT ELEMENT	UNIT	UNIT COST	ELEMENT COST
Music Building (New Construction)	6,230 sf	\$ 368	\$ 2,292,640
Covered Mechanical Yard	370 sf	\$ 80	\$ 29,600
STEAM Modernization (Major Mod)	4,400 sf	\$ 150	\$ 660,000
Covered Shop Yard	600 sf	\$ 80	\$ 48,000
Library Modernization (Minor Mod)	1,500	\$ 135	\$ 202,500
Site Security Fencing and Site Work			
Upgrade Architectural Fence	180 lf	\$ 300	\$ 54,000
Security Chain Link Fence	750 lf	\$ 125	\$ 93,750
Landscaping	1 ls	\$ 190,000	\$ 190,000
<b>Subtotal</b>			\$ 3,570,490
<b>Burdens</b>			
Escalation	8 %	\$ 285,639	
GC O&P	15 %	\$ 535,574	
Bond and Insurance	2 %	\$ 71,410	
<b>Contingency</b>	10 %	\$ 357,049	\$ 1,249,672
<b>Hard Cost</b>			\$ 4,820,162

# Oxford Academy New Music Building and STEAM Labs

## 2 Contracts Encumbered

Description	Contract/Budget Amount	Expenditures to Date	Total Remaining	Percent Complete
DSA Fees	\$76,708	\$0	\$76,708	0%
Construction Management	\$40,399	\$0	\$40,399	0%
Dougherty (AOR)	\$482,016	\$0	\$482,016	0%
Knowland Construction Services LLC	\$153,415	\$1,020	\$152,395	1%
Surveying	\$0	\$0	\$0	-
Encorp (Asbestos + Lead Survey)	\$0	\$0	\$0	-
C2 Imaging (Reprographics)	\$0	\$0	\$0	0%

*As of August 31, 2017*

### Comments

- Oxford Academy will be executed utilizing the Lease-Leaseback construction delivery method. Refer to project schedule on page 24.

# Wave II Projects

	2015-16 INNOVATION CLASSROOM	2016-17 INNOVATION CLASSROOMS	2017-18 INNOVATION CLASSROOMS	ACTUAL EXPENDITURE THRU AUGUST 31, 2017	BALANCE TO COMPLETE (FUTURE MEASURE H FUNDS)
ANAHEIM HS	1	30	12	\$568,252.92	\$919,247.08
BALL JHS	1	5	2	\$135,667.60	\$351,832.40
BROOKHURST JHS	1	6	6	\$177,988.52	\$409,511.48
CYPRESS HS	1	20	14	\$516,344.42	\$596,155.58
DALE JHS	1	7	1	\$131,688.94	\$518,311.06
HOPE SCHOOL	1	4	0	\$72,542.58	\$352,457.42
KATELLA HS	1	25	13	\$540,053.15	\$684,946.85
KENNEDY HS	1	16	13	\$403,542.89	\$571,457.11
LEXINGTON JHS	1	8	5	\$167,018.64	\$382,981.36
LOARA HS	1	10	23	\$346,423.30	\$791,076.70
MAGNOLIA HS	1	14	0	\$216,980.65	\$883,019.35
ORANGEVIEW JHS	1	6	5	\$155,178.03	\$394,821.97
OXFORD ACADEMY	1	13	6	\$271,849.91	\$340,650.09
SAVANNA HS	1	10	10	\$324,764.83	\$712,735.17
SOUTH JHS	1	14	7	\$284,406.57	\$428,093.43
SYCAMORE JHS	1	8	11	\$272,515.25	\$564,984.75
TRIDENT EDUCATION CENTER	1	7	6	\$196,921.45	\$328,078.55
WALKER JHS	1	7	0	\$122,817.64	\$427,182.36
WESTERN HS	1	11	10	\$352,341.90	\$797,658.10
	<b>19</b>	<b>221</b>	<b>144</b>	<b>\$5,257,299.19</b>	<b>\$10,455,200.81</b>

**2017-18 Implementation of 21<sup>st</sup> Century Classroom Furniture is complete.**  
**2018-19 Implementation of 21<sup>st</sup> Century Classroom Furniture is anticipated.**



## WAVE II PROJECTS

**Walker JHS Modernization: \$12.6M**

**Hope School Modernization: \$8.2M**

**Magnolia HS New Construction and Modernization: \$26M**

**Gilbert HS Modernization: \$5M**

**Brookhurst JHS Security Fencing: \$500K – Bid Opening: October 19, 2017**

**District Office Security Measures: \$300K**

**Loara HS Fencing Improvements: \$400K**

**Savanna HS Modernization: \$15M**

**Sycamore JHS Parking Lot, Site and Fencing Improvements: TBD**

**Western HS Parking Lot and Fencing Improvements: TBD**

**2018-19 Implementation of 21<sup>st</sup> Century Classroom Furniture: \$2.6M**

**District Wide Security Measures: TBD**

### Project Schedule:

September 2017 thru August 2020 (Projected)

Planning thru Construction Completion

### Combined Project Budget

Including Soft Costs: \$80M (Measure H)

### Scope:

With the exception of the projects at the Oxford Academy, Hope School, Walker JHS, Magnolia HS, Savanna HS and the 21<sup>st</sup> 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 – August 2017 Measure H Expenditure Summary

<b>Bond Series 2015 Proceeds</b>	<b>\$63,455,000.00</b>
<b>Other Local Revenue</b>	<b>\$ 4,998.74</b>
<b>Interest</b>	<b>\$ 573,829.39</b>
<b>Total Income</b>	<b><u>\$64,033,828.13</u></b>
<b>Expenditures as of August 31, 2017</b>	<b><u>(\$34,541,292.39)</u></b>
<b>Bond Balance Available</b>	<b>\$29,492,535.74</b>

The following is the detail summary of the Measure H Expenditures as of August 31, 2017

<b>A. PPM, Design, Inspection, and Testing</b>	<b>\$4,214,623.05</b>
<b>A1. Construction</b>	<b>\$4,628,737.55</b>
<b>A2. District Project Management</b>	<b>\$25,411.15</b>
<b>B. 21<sup>st</sup> Century Furniture</b>	<b>\$5,257,299.19</b>
<b>C. 2012 Certificate of Participation Payoff</b>	<b>\$19,883,505.98</b>
<b>D. Bond Administration Costs and Interest Expense</b>	<b>\$531,715.47</b>

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**TOTAL EXPENSES: \$34,541,292.39**