

Measure H Construction Bond Program

Project Update for the Citizens' Bond Oversight Committee

August 9, 2018



Learning With Purpose

ANAHEIM
UNION
HIGH
SCHOOL
DISTRICT



College and Career Ready

Project Update

- Cypress High School Site Improvement Project
- Kennedy High School Site Improvement Project
- Oxford Academy New Music Building and Engineering Labs
- Savanna High School Modernization
- Brookhurst Jr. High School Security Tennis Courts
- Brookhurst Jr. High School Security Fencing
- Loara High School Security Fencing
- Dale Jr. High School Interim Housing
- Dale Jr. High School Modernization and New Construction
- Future Projects (see page 52)

On-going Projects

- 21st Century Furniture

Financial Summary

- Expenditures to date as of July 31, 2018

Current Market Conditions

- Construction Market Update
- Labor & Material Trends

Cypress High School Site Improvement Project



CURRENT PHASE: Construction
ARCHITECT: Ruhnau Clarke Architects
PROGRAM/PROJECT MANAGER: Cumming
CONTRACTOR: Balfour Beatty Construction
DELIVERY METHOD: Lease-leaseback

PROJECT SCHEDULE

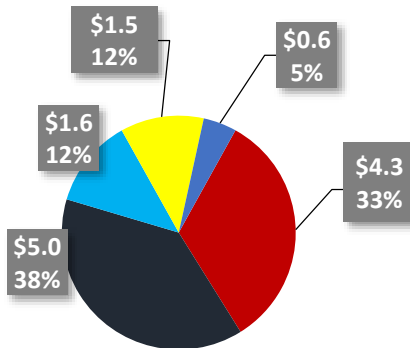
- DSA Approved: July 2017
- LLB Contractor Selection: November 2017
- GMP finalized: February 2018
- Construction (NTP): March 2018
- Substantial Completion: March 2019

PROJECT BUDGET : \$13 M
 (HARD & SOFT COSTS)

GMP: \$10.6 M

PROJECT FUNDING: (NUMBER IN MILLIONS)

- Measure H
- State Share (Modernization)
- COP
- M & O
- Augmentations-Various Funds



CYPRESS HIGH SCHOOL
 SITE IMPROVEMENT PROJECT

YOUR MEASURE "H" DOLLARS AT WORK

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RUHNAU CLARKE ARCHITECTS
CUMMING Building Value Through Expertise
Balfour Beatty

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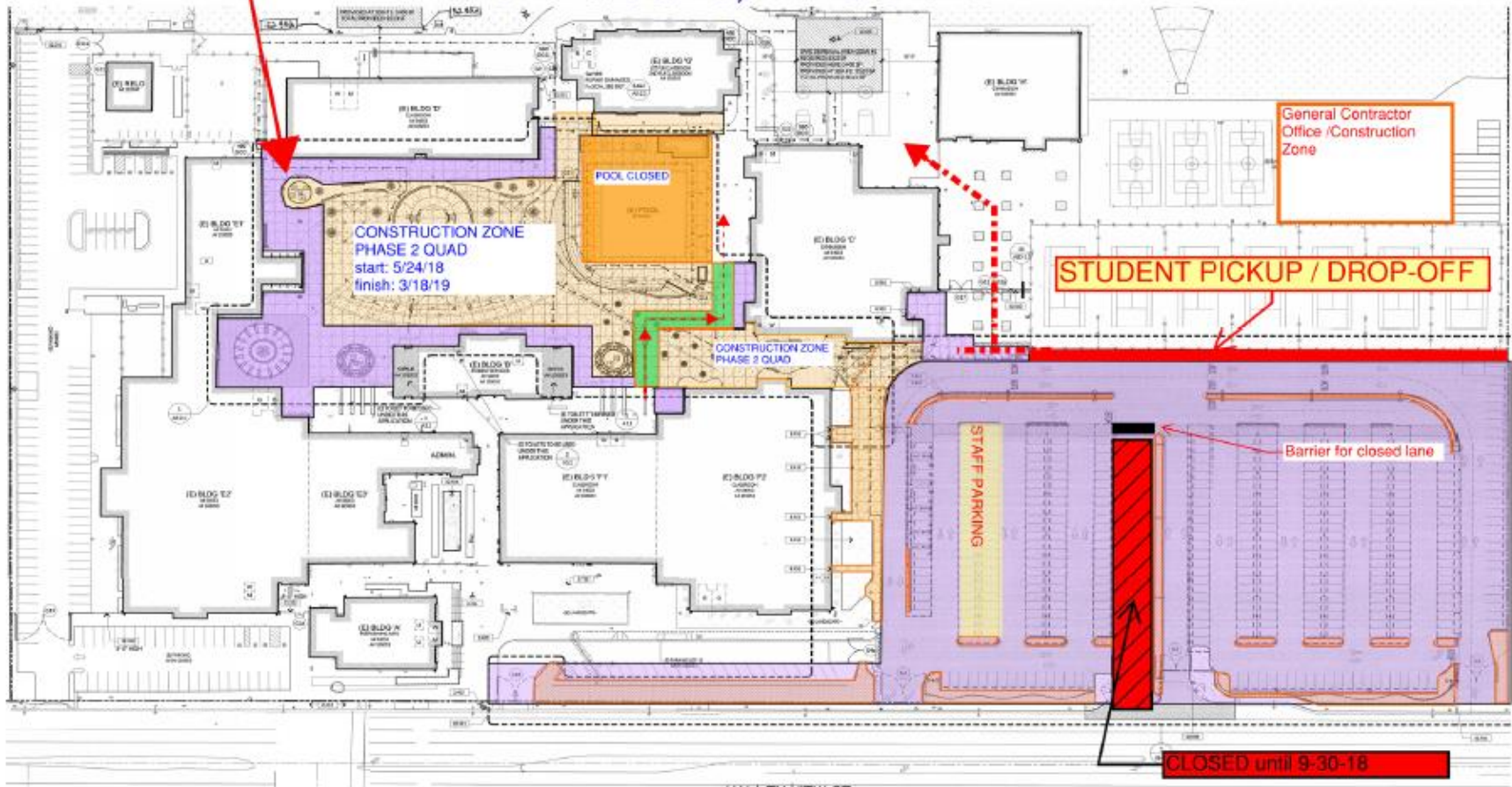
Measure H funding will be used to partially fund site security fencing, replacement of the existing quad concrete hardscape, ADA upgrades to existing girls' and boys' restrooms, upgrade of underground utilities, and renovation of the existing pool, including ADA improvements.

This project is subject to the CBA

Cypress High School Site Improvement Project

FIRST DAY OF SCHOOL STUDENT PARKING & QUAD AVAILABLE AREAS

From: 8/08/18, To: 3/31/19



Cypress High School Site Improvement Project



SUMMER WORK

- Main parking lot: **COMPLETE**
- Landscaping: Ongoing
- Parking lot lights: Ongoing
- Fencing & gates: Ongoing

Cypress High School Site Improvement Project



SUMMER WORK

- Main parking lot: **COMPLETE**
- Landscaping: Ongoing
- Parking lot lights: Ongoing
- Fencing & gates: Ongoing
- Offsite work- traffic signal by City: Completes October 1, 2018

Cypress High School Site Improvement Project



SUMMER WORK

- Perimeter ring for student access: **COMPLETE**

OVERALL QUAD WORK

- 25% complete
- Pending: shade structures, hardscape, lights, and landscaping

Upcoming Activities

NORTH PARKING LOT

- Parking lot lights are currently being fabricated.

SOUTH PARKING LOT

- Parking lot lights are currently being fabricated.

QUAD

- Concrete pour ongoing.
- Begin footing excavation for shade structures.
- Shade structures being fabricated.

Cypress High School Site Improvement Project

District Object Code	Cost Category	Estimated Project Budget	Project Commitments to Date	Expenditures to Date	Total Remaining	Percent Complete
Construction Hard Cost						
6270	Main Building Contractor	\$ 10,578,145	\$ 10,578,145	\$ 2,479,105	\$ 8,099,040	23%
Total Construction Cost:		\$ 10,578,145	\$ 10,578,145	\$ 2,479,105	\$ 8,099,040	23%
Design Cost						
6212	Architect of Record (AOR)	\$ 660,065	\$ 660,065	\$ 339,085	\$ 320,980	51%
Total Design Cost:		\$ 660,065	\$ 660,065	\$ 339,085	\$ 320,980	51%
Other Soft Costs						
6273	PPM Construction Management	\$ 528,907	\$ 528,907	\$ 430,800	\$ 98,107	81%
6210	DSA Fees	\$ 78,550	\$ 68,550	\$ 68,550	\$ 10,000	87%
6209	Surveying	\$ 34,850	\$ 34,850	\$ 34,850	\$ -	100%
6250	Geotechnical Investigation	\$ 45,240	\$ 45,240	\$ 33,440	\$ 11,800	74%
6290	Material & Soil Testing	\$ 220,000	\$ 168,166	\$ 25,316	\$ 194,685	12%
6270	Contingency	\$ 317,344	\$ 317,344	\$ -	\$ 317,344	0%
	Miscellaneous Consultants	\$ 556,754	\$ 545,247	\$ 34,847	\$ 521,907	6%
Total Other Soft Costs:		\$ 1,781,645	\$ 1,708,304	\$ 627,803	\$ 1,153,843	35%
Combined Project Totals:		\$ 13,019,855	\$ 12,946,514	\$ 3,445,993	\$ 9,573,862	26%

As of July 31, 2018

Kennedy High School Site Improvement Project

CURRENT PHASE: Construction
ARCHITECT: Ruhnau Clarke Architects
PROGRAM/PROJECT MANAGER: Cumming
CONTRACTOR: Balfour Beatty Construction
DELIVERY METHOD: Lease-leaseback



PROJECT SCHEDULE

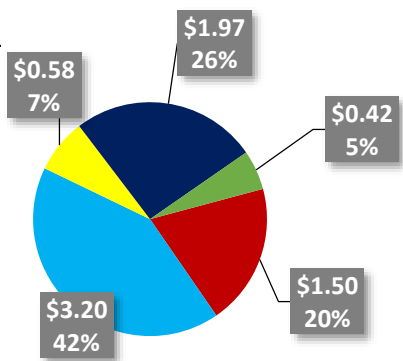
- DSA Approval:**
 - Application 1: March 2018
 - Application 2: May 2018
- LLB Contractor Selection:** November 2017
- Construction(NTP):** June 2018
- Substantial Completion:** February 2019

PROJECT BUDGET : \$7.6M
 (HARD & SOFT COSTS)

GMP: \$6.1 M

PROJECT FUNDING:
 (NUMBER IN MILLIONS)

- Measure H
- State Share (Mod)
- COP
- M&O
- Augmentations- Various Funds



KENNEDY HIGH SCHOOL
 SITE IMPROVEMENT PROJECT

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 Katherine H. Smith, Member
 Michael B. Matsuda
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Measure H funding will be used to fund the reconstruction and reconfiguration of a parking lot, security fencing, landscape improvements, and installation of a marquee.

This project is subject to the CBA

Kennedy High School Site Improvement Project



Kennedy High School Site Improvement Project

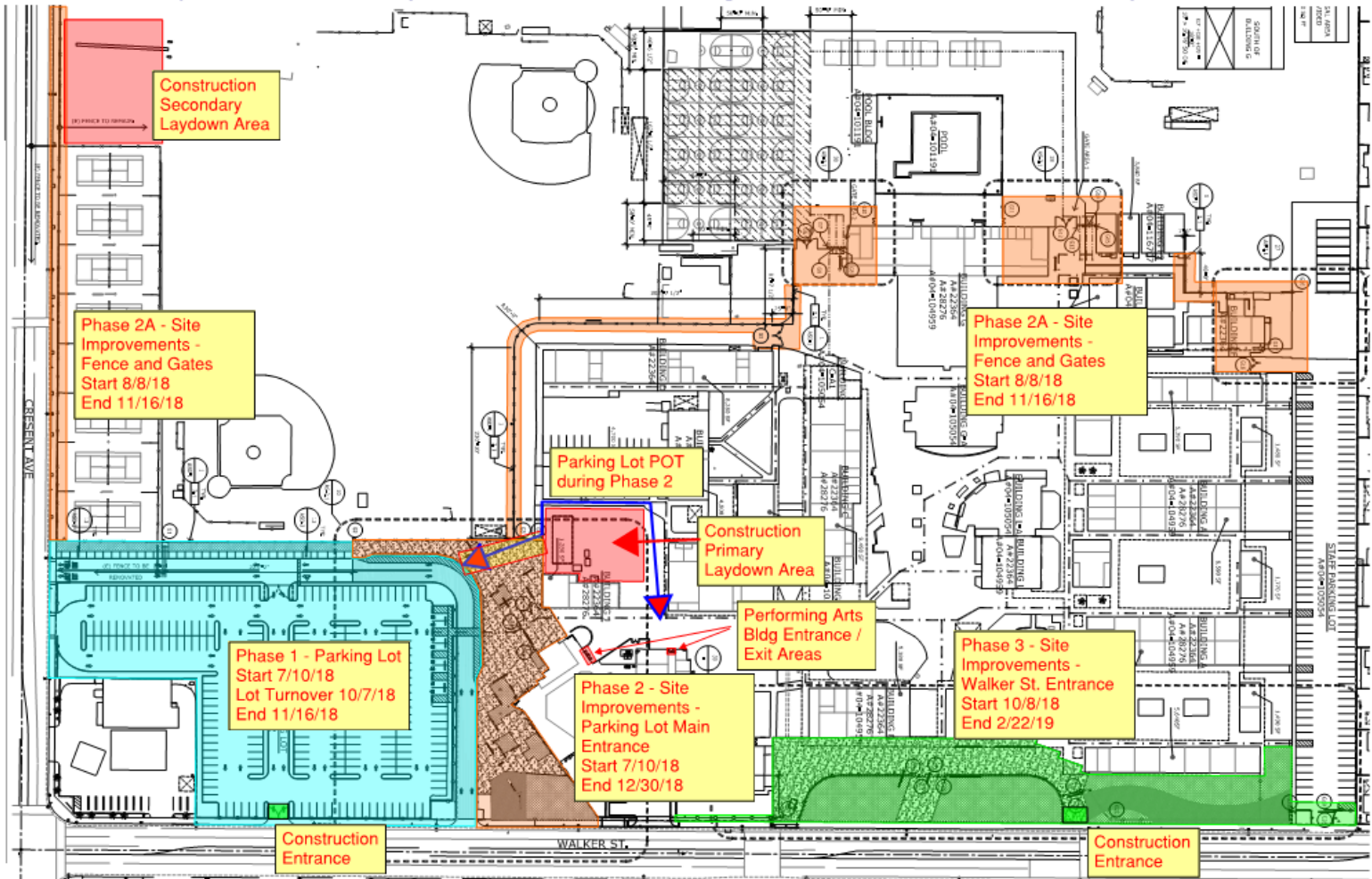


Kennedy High School Site Improvement Project



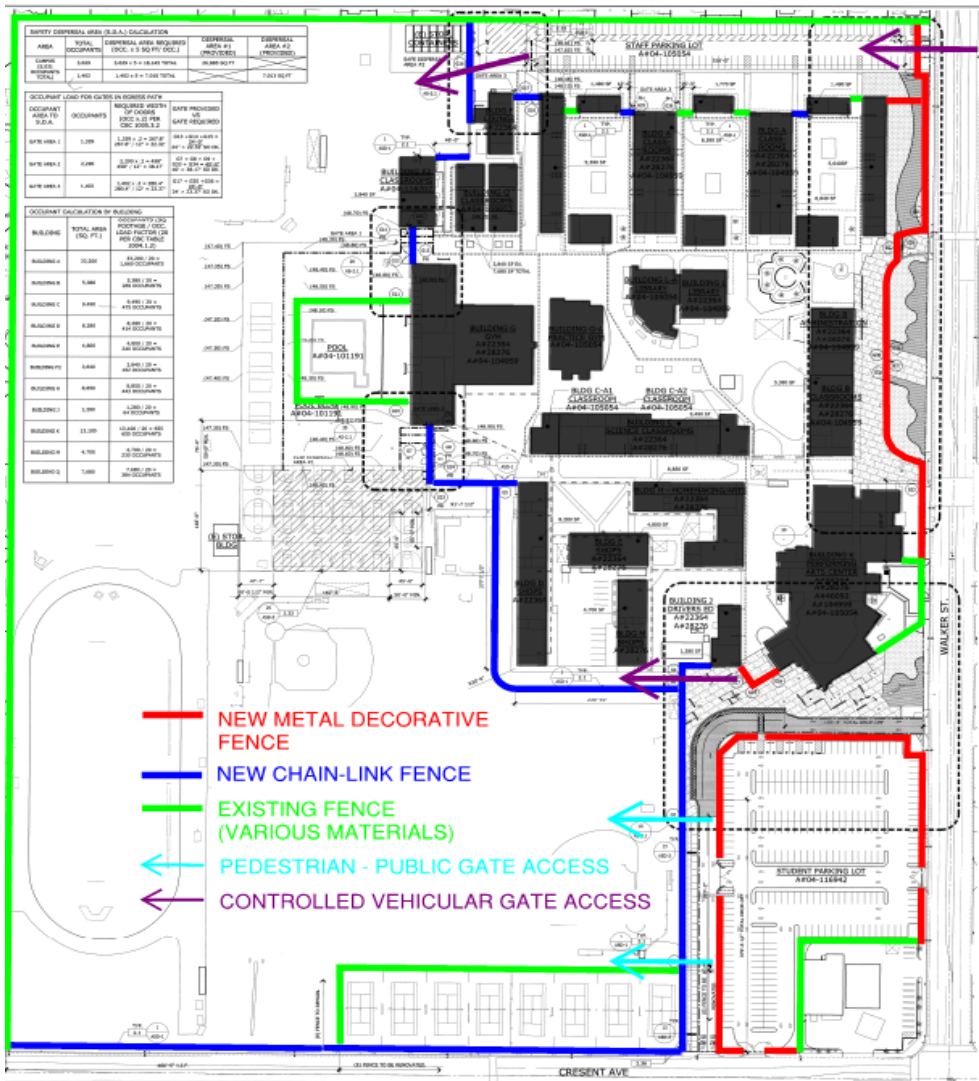
Kennedy High School Site Improvement Project

Kennedy HS Parking Lot and Site Improvements - Site Logistics Plan





Kennedy High School Site Improvement Project



Kennedy High School Site Improvement Project



PHASE I

- Demolition: **COMPLETE**
- Grading: Ongoing
- Completion date: October 7, 2018

Upcoming Activities

PARKING LOT

- Grading of parking lot is currently ongoing.
- Demolition of hardscape is ongoing.
- Cement treatment for base.

Kennedy High School Site Improvement Project

District Object Code	Cost Category	Estimated Project Budget	Project Commitments to Date	Expenditures to Date	Total Remaining	Percent Complete
Construction Hard Cost						
6270	Main Building Contractor	\$ 6,145,370	\$ 6,145,370	\$ -	\$ 6,145,370	0%
Total Construction Cost:		\$ 6,145,370	\$ 6,145,370		\$ 6,145,370	0%
Design Cost						
6212	Architect of Record (AOR)	\$ 368,954	\$ 368,954	\$ 237,348	\$ 131,606	64%
Total Design Cost:		\$ 368,954	\$ 368,954	\$ 237,348	\$ 131,606	64%
Other Soft Costs						
6273	PPM Construction Management	\$ 307,268	\$ 307,268	\$ 9,533	\$ 297,736	3%
6210	DSA Fees	\$ 102,060	\$ 60,300	\$ 60,300	\$ 41,760	59%
6209	Surveying	\$ 11,535	\$ 11,535	\$ 8,270	\$ 3,265	72%
6250	Geotechnical Investigation	\$ 8,990	\$ 8,990	\$ 8,990	\$ -	100%
6290	Material & Soil Testing	\$ 76,817	\$ 76,817	\$ -	\$ 76,817	0%
6270	Contingency	\$ 233,403	\$ 233,403			
	Miscellaneous Consultants	\$ 428,873	\$ 330,210	\$ 46,685	\$ 382,188	11%
Total Other Soft Costs:		\$ 1,168,946	\$ 1,028,523	\$ 133,778	\$ 1,035,169	11%
Combined Project Totals:		\$ 7,683,270	\$ 7,542,847	\$ 371,126	\$ 7,312,144	5%

As of July 31, 2018

Oxford Academy New Music Building and Engineering Labs Project

CURRENT PHASE: Construction
ARCHITECT: Perkins-Eastman | Dougherty
PROJECT MANAGER: AUHSD
CONTRACTOR: Erickson-Hall Construction
DELIVERY METHOD: Lease-leaseback



PROJECT SCHEDULE

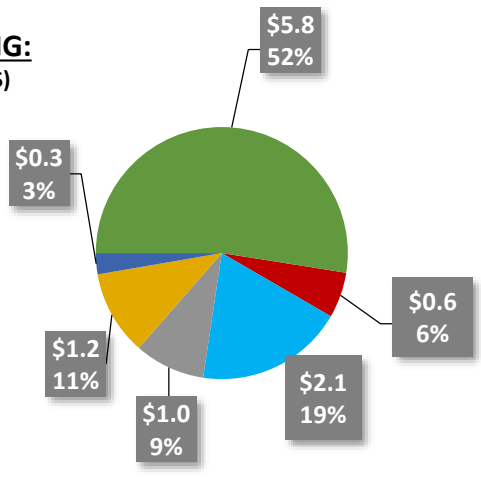
- DSA Approval: March 2018
- LLB Contractor Selection: January 2018
- GMP Finalized: May 2018
- Construction (NTP): June 2018
- Substantial Completion: August 2019

PROJECT BUDGET : \$11.1 M
 (HARD & SOFT COSTS)

GMP: \$8.8 M

PROJECT FUNDING:
 (NUMBER IN MILLIONS)

- Measure H
- State Share (Mod)
- State Share (New)
- COP
- M&O
- Augmentations- Various Funds



YOUR MEASURE "H" DOLLARS AT WORK

OXFORD ACADEMY
 SITE IMPROVEMENT PROJECT

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 Anna L. Piercy, Member
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 Michael B. Matsuda, Superintendent

PERKINS — EASTMAN Dougherty

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Measure H funding will be used to fund technology, 21st century classroom furniture, and safety and security items. District has been awarded a \$ 559,000 CTE Grant.

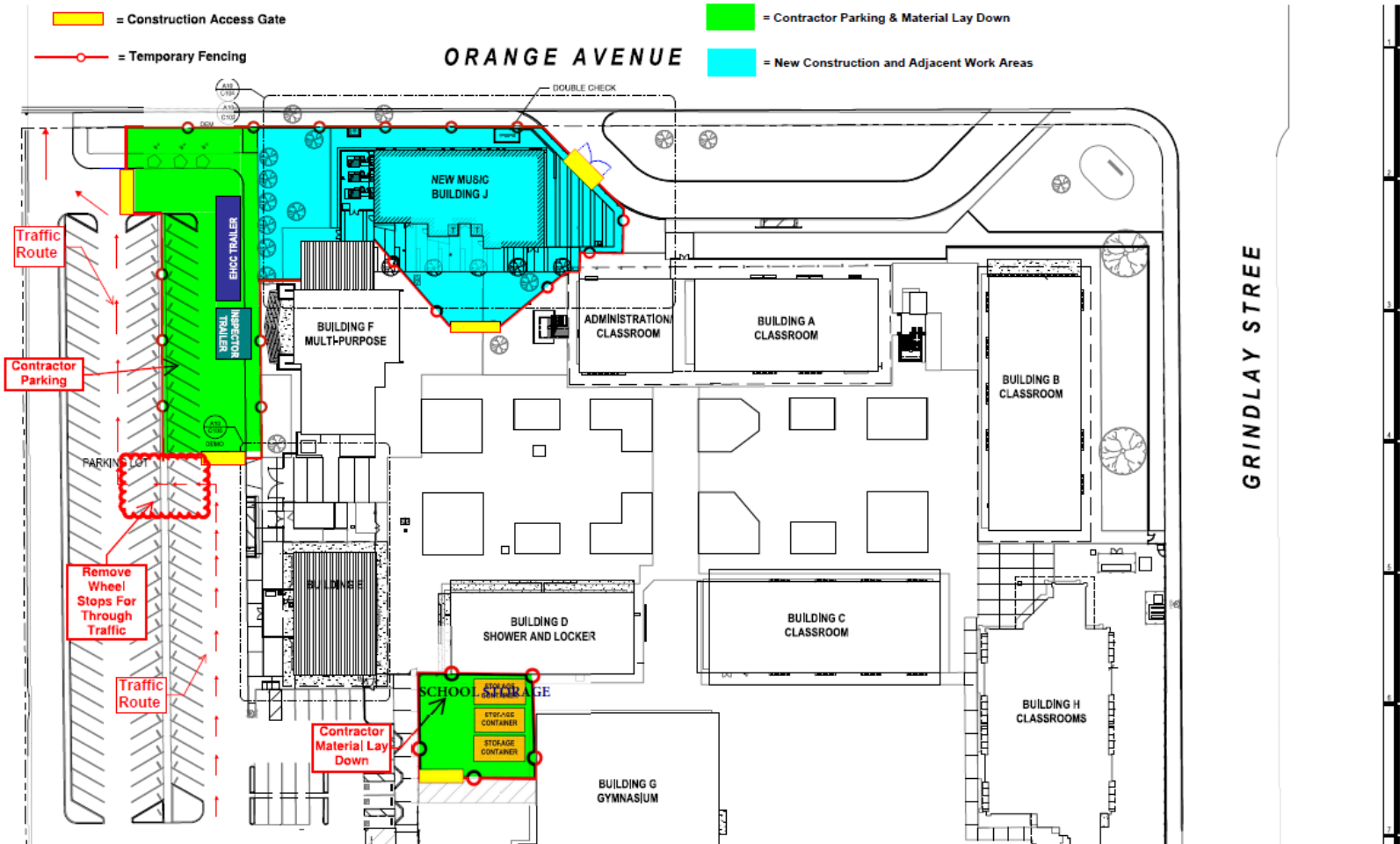
This project is subject to the CBA

Oxford Academy New Music Building and Engineering Labs Project



Oxford Academy New Music Building and Engineering Labs Project

OXFORD ACADEMY SITE UTILIZATION PLAN



Oxford Academy New Music Building and Engineering Labs Project



NEW LIBRARY

- Overall percentage of work complete: 95%
- On target for occupancy
- Polished concrete floor: **COMPLETE**
- Casework installation: Ongoing

Oxford Academy New Music Building and Engineering Labs Project



NEW MUSIC BUILDING

- On target to meet Milestone 4- Slab on Grade
- Building pad certification: Achieved
- Underground utilities: **COMPLETE**
- Layout for footings: Ongoing

Upcoming **Activities**

NEW LIBRARY

- Punch walk scheduled August 15, 2018.

NEW MUSIC BUILDING

- Continuation of footing placement.

Oxford Academy New Music Building and Engineering Labs Project

District Object Code	Cost Category	Estimated Project Budget	Project Commitments to Date	Expenditures to Date	Total Remaining	Percent Complete
Construction Hard Cost						
6270	Main Building Contractor	\$ 8,774,780	\$ 8,774,780	\$ 1,382,364	\$ 7,392,416	16%
Total Construction Cost:		\$ 8,774,780	\$ 8,774,780	\$ 1,382,364	\$ 7,392,416	16%
Design Cost						
6212	Architect of Record (AOR)	\$ 570,665	\$ 570,665	\$ 87,853	\$ 482,812	15%
Total Design Cost:		\$ 570,665	\$ 570,665	\$ 87,853	\$ 482,812	15%
Other Soft Costs						
6273	PPM Construction Management	\$ 100,000	\$ 100,000	\$ 32,344	\$ 67,656	32%
6210	DSA Fees	\$ 140,396	\$ 72,750	\$ 500	\$ 139,896	0%
6209	Utility Mapping	\$ 27,190	\$ 27,190		\$ 27,190	
6209	Surveying	\$ 750	\$ 750	\$ -	\$ 750	0%
6250	Geotechnical Investigation	\$ 13,450	\$ 13,450	\$ -	\$ 13,450	0%
6290	Material & Soil Testing	\$ 175,496	\$ 175,496	\$ 3,500	\$ 171,996	2%
6270	Contingency/Allowance	\$ 400,991	\$ 400,991			
	Miscellaneous Consultants	\$ 929,352	\$ 861,934	\$ 8,423	\$ 920,930	1%
Total Other Soft Costs:		\$ 1,787,625	\$ 1,652,562	\$ 44,767	\$ 1,742,858	3%
Combined Project Totals:		\$ 11,133,070	\$ 10,998,007	\$ 1,514,984	\$ 9,618,086	14%

As of July 31, 2018

Savanna High School Modernization and Site Improvements Project

CURRENT PHASE: Construction
ARCHITECT: Perkins-Eastman | Dougherty
PROJECT MANAGER: AUHSD
CONTRACTOR: Erickson-Hall Construction
DELIVERY METHOD: Lease-leaseback



PROJECT SCHEDULE

- LLB Contractor Selection: January 2018
- Construction (NTP): May 2018
- Substantial Completion: August 2019

Increment 1 & 2 (Phase I)

DSA Approval: March 2018
GMP Finalized: May 2018
Completion: August 2018

Increment 3 (Phase II)

DSA Approval: July 2018
GMP Finalized: TBD

Increment 4 (Phase III)

DSA Submittal: TBD
GMP Finalized: TBD

PROJECT BUDGET : \$19.4 M

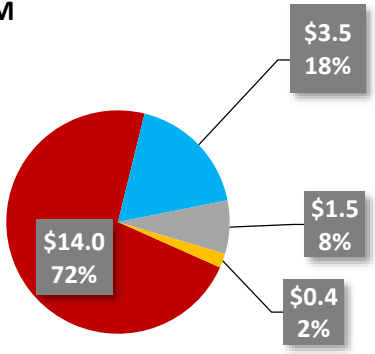
(HARD & SOFT COSTS)

GMP (PHASE I) : \$5.2 M

PROJECT FUNDING:

(NUMBER IN MILLIONS)

- Measure H
- State Share (Mod)
- M&O
- Augmentations- Various Funds



SAVANNA HIGH SCHOOL MODERNIZATION PROJECT

YOUR MEASURE "H" DOLLARS AT WORK



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 College and Career Ready

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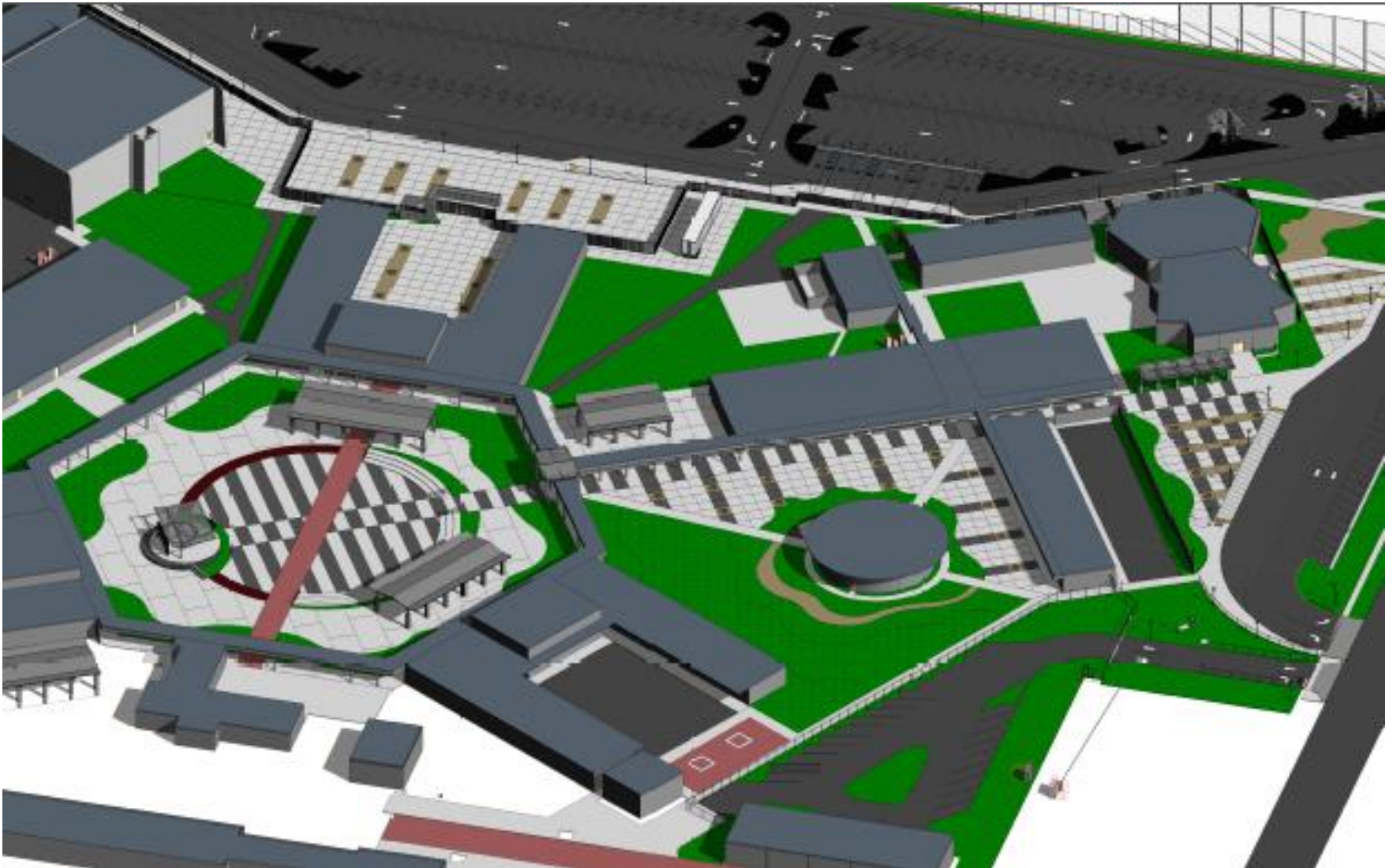
Michael B. Matsuda
Superintendent




Measure H funding will be used to fund site security fencing, replacement of the existing quad concrete hardscape, upgrade of underground utilities, and modernization of existing physical education buildings, including ADA improvements.

This project is subject to the CBA

Savanna High School Modernization and Site Improvements Project



Savanna High School Modernization and Site Improvements Project



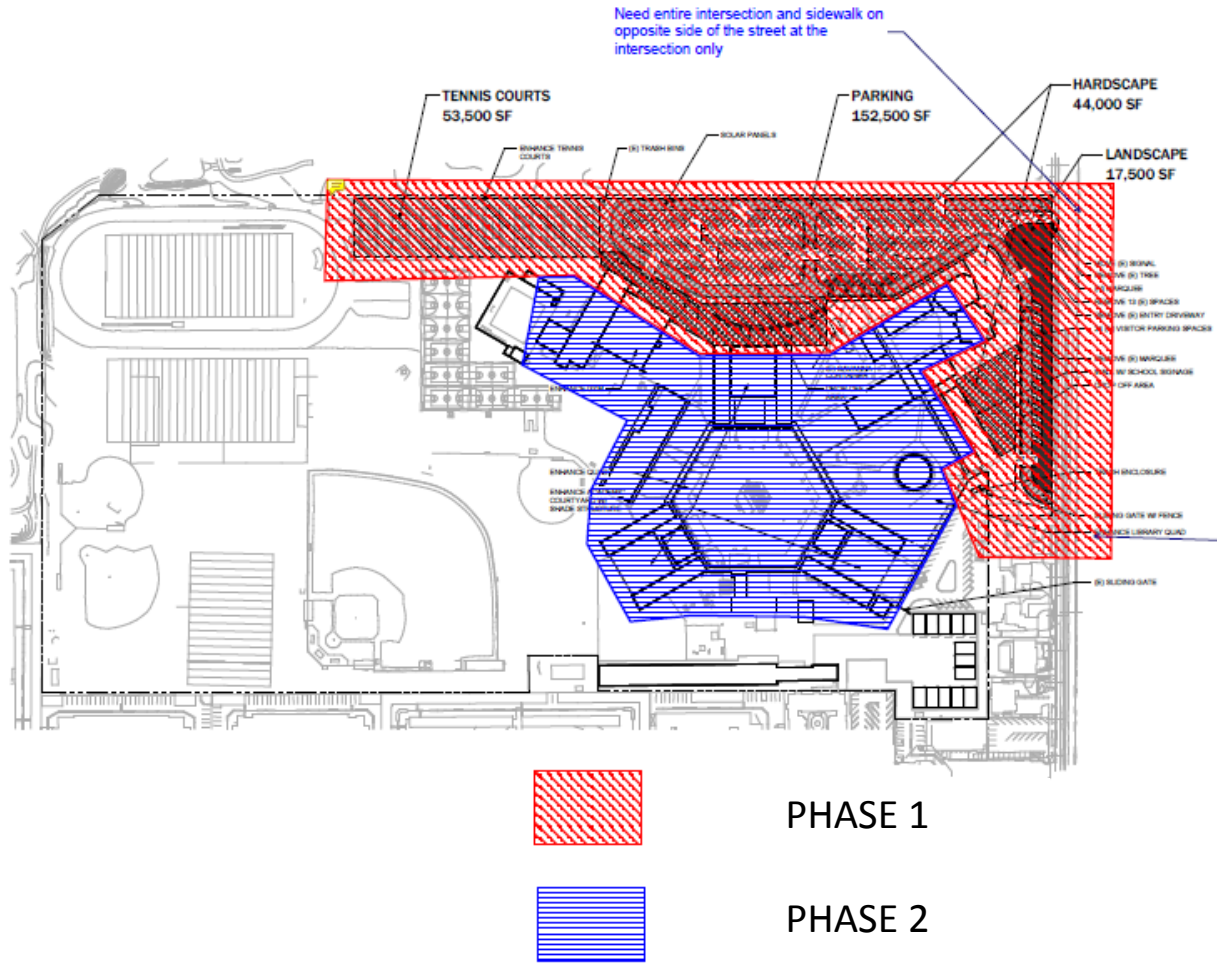
Savanna High School Modernization and Site Improvements Project



Savanna High School Modernization and Site Improvements Project



Savanna High School Modernization and Site Improvements Project



Savanna High School Modernization and Site Improvements Project



INCREMENT NO. 1

- Overall percentage of work complete: 99%
- Temporary striping: **COMPLETE**
- Landscape: **COMPLETE**

Savanna High School Modernization and Site Improvements Project



INCREMENT NO. 1

- Sidewalk placement: **COMPLETE**

Savanna High School Modernization and Site Improvements Project



INCREMENT NO. 2

- Concrete placement: Ongoing

Upcoming Activities

INCREMENT NO. 1 & 2

- Punchlist items.
- City approval of light poles and traffic signal.

INCREMENT NO. 3

- Job walk scheduled August 10, 2018.

INCREMENT NO. 4

- In design.

Savanna High School Modernization and Site Improvements Project

District Object Code	Cost Category	Estimated Project Budget	Project Commitments to Date	Expenditures to Date	Total Remaining	Percent Complete
Construction Hard Cost						
6270	Main Building Contractor	\$ 15,733,491	\$ 5,162,549	\$ 1,339,539	\$ 14,393,952	9%
Total Construction Cost:		\$ 15,733,491	\$ 5,162,549	\$ 1,339,539	\$ 14,393,952	9%
Design Cost						
6212	Architect of Record (AOR)	\$ 1,249,500	\$ 1,249,500	\$ 578,217	\$ 671,283	46%
Total Design Cost:		\$ 1,249,500	\$ 1,249,500	\$ 578,217	\$ 671,283	46%
Other Soft Costs						
6273	PPM Construction Management	\$ 125,000	\$ 125,000	\$ 23,800	\$ 101,200	19%
6210	DSA Fees	\$ 251,736	\$ 251,736	\$ 144,750	\$ 106,986	58%
6209	Utility Mapping	\$ 25,500	\$ 25,500	\$ 25,500	\$ -	0%
6209	Surveying	\$ 15,900	\$ -	\$ -	\$ 15,900	0%
6250	Geotechnical Investigation	\$ 12,950	\$ 12,950	\$ -	\$ 12,950	0%
6290	Material & Soil Testing	\$ 314,670	\$ 314,670	\$ 4,921	\$ 309,749	2%
6270	Contingency/Allowance	\$ 697,024	\$ 274,186			
	Miscellaneous Consultants	\$ 1,024,469	\$ -	\$ -	\$ 1,024,469	0%
Total Other Soft Costs:		\$ 2,467,249	\$ 1,004,042	\$ 198,971	\$ 2,268,278	8%
Combined Project Totals:		\$ 19,450,240	\$ 7,416,091	\$ 2,116,727	\$ 17,333,513	11%

As of July 31, 2018

Brookhurst Junior High School Tennis Courts Project

CURRENT PHASE: Closeout
ARCHITECT: NB Consulting
PROJECT MANAGER: AUHSD
CONTRACTOR: United Paving, Co.
DELIVERY METHOD: Design-Bid-Build

PROJECT SCHEDULE

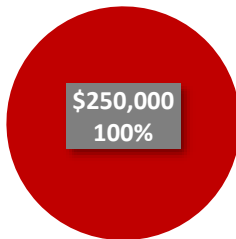
- Contract Award:** February 2018
- Construction(NTP):** March 2018
- Substantial Completion:** June 2018

PROJECT BUDGET : \$250,000
 (HARD & SOFT COSTS)

CONTRACT AMOUNT: \$141,990
FINAL CONTRACT AMOUNT: \$135,702

PROJECT FUNDING:

■ Measure H



Former Cracked Tennis Court at Brookhurst JHS.

Brookhurst Junior High School Tennis Courts Project



Brookhurst Junior High School Security Fencing Project

CURRENT PHASE: Closeout
ARCHITECT: NB Consulting
PROJECT MANAGER: AUHSD
CONTRACTOR: C.S. Legacy Construction
DELIVERY METHOD: Design-Bid-Build

PROJECT SCHEDULE

- Contract Award:** December 2017
- Construction(NTP):** December 2017
- Substantial Completion:** June 2018

PROJECT BUDGET : \$750,000
 (HARD & SOFT COSTS)

CONTRACT AMOUNT: \$673,507
FINAL CONTRACT AMOUNT: \$718,507

PROJECT FUNDING:

■ Measure H



New Fencing along Brookhurst and West Sequoia Ave.

Brookhurst Junior High School Security Fencing Project



New Ameristar Ornamental Fence



New Motorized Gate

Brookhurst Junior High School Security Fencing Project



Loara High School Security Fencing Project

CURRENT PHASE: Closeout
ARCHITECT: NB Consulting
PROJECT MANAGER: AUHSD
CONTRACTOR: Red Hawk Services
DELIVERY METHOD: Design-Bid-Build

PROJECT SCHEDULE

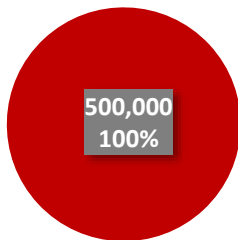
- Contract Award:** December 2017
- Construction(NTP):** December 2017
- Substantial Completion:** July 2018

PROJECT BUDGET : \$500,000
 (HARD & SOFT COSTS)

CONTRACT AMOUNT: \$443,000

PROJECT FUNDING:

■ Measure H



Loara High School Security Fencing Project



Loara High School Security Fencing Project



Dale JHS Interim Housing

CURRENT PHASE: Construction
ARCHITECT: Ghataode Bannon Architects
PROJECT MANAGER: AUHSD
CONTRACTOR: Paradise Construction
DELIVERY METHOD: Design-Bid-Build

PROJECT SCHEDULE

- DSA Approved: November 2017
- Contract Award: December 2017
- Construction(NTP): December 2017
- Substantial Completion: July 2018
- Occupancy: 2018-2019 Academic Year

PROJECT BUDGET : \$2.1M
 (HARD & SOFT COSTS)

CONTRACT AMOUNT: \$1,914,899
FINAL CONTRACT AMOUNT: \$1,868,497

PROJECT FUNDING:
 (NUMBER IN MILLIONS)

■ Measure H

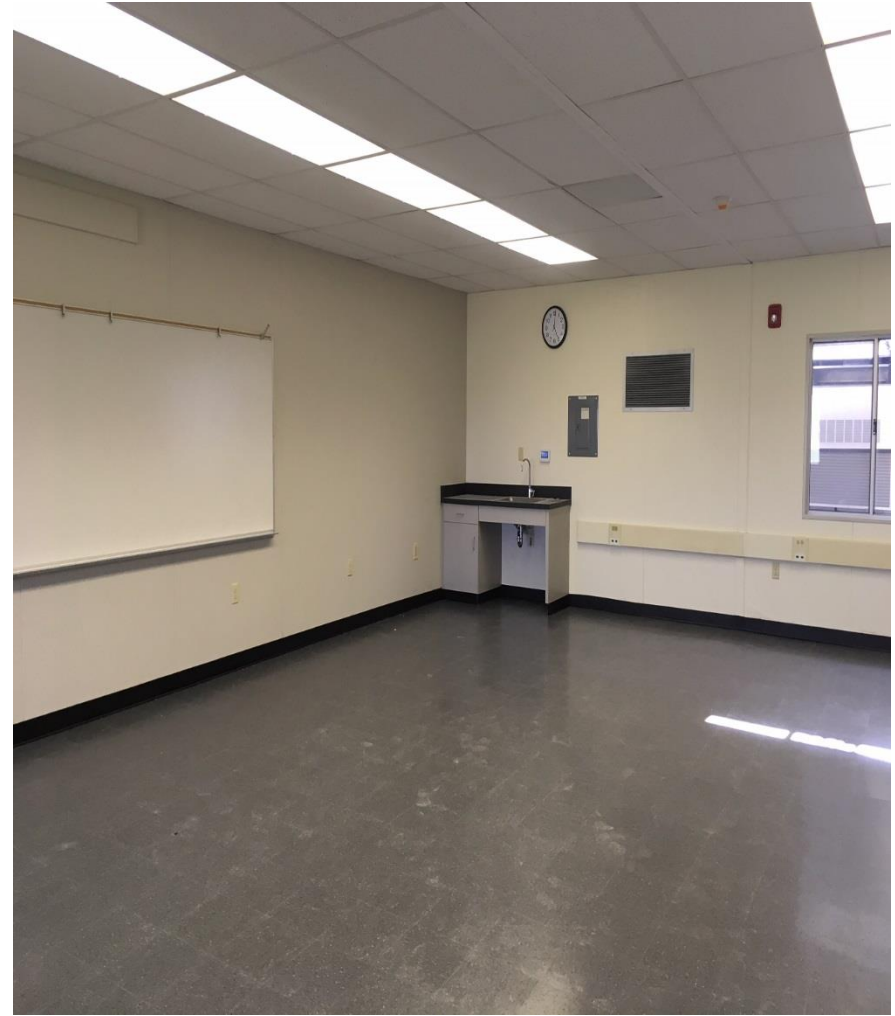


Measure H funding will be used to fund Interim housing, which will be located at the north section of the site to provide swing space for classrooms, locker rooms, and administration offices during construction.

Dale JHS Interim Housing



Dale JHS Interim Housing



Dale JHS Modernization and New Construction Project



DALE JUNIOR HIGH SCHOOL
 NEW CONSTRUCTION & MODERNIZATION PROJECT

YOUR MEASURE "H" DOLLARS AT WORK

LANCERS

HOME OF THE LANCERS

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 Annemarie Randle-Trejo, Assistant Clerk
 Anna L. Piercy, Member
 Katherine H. Smith, Member
 Michael B. Matsuda
Superintendent



Measure H funding will be used to partially 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.

This project is subject to the CBA

CURRENT PHASE: Pre-Procurement
ARCHITECT: Ghataode Bannon Architects
PROGRAM/PROJECT MANAGER: Cumming
CONTRACTOR: TBD
DELIVERY METHOD: Design-Bid-Build

PROJECT SCHEDULE

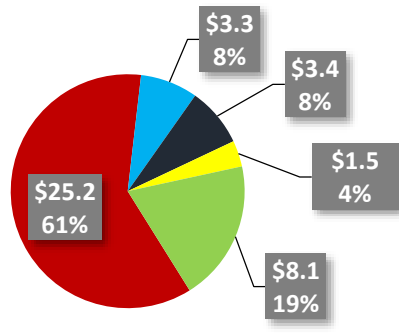
- DSA Approval:**
 - Modernization:** November 2017
 - Polaris:** January 2018
 - New Construction:** July 2018
- Contract Award:** December 2018
- Construction (NTP):** January 2019
- Substantial Completion:** August 2020

PROJECT BUDGET : \$42 M
 (HARD & SOFT COSTS)

BUDGET DEFICIT : (\$11 M)

PROJECT FUNDING:
 (NUMBER IN MILLIONS)

- Measure H
- State Share (New & Mod)
- State Share (Polaris)
- M & O
- Augmentations-Variou
Funds



Dale JHS Modernization and New Construction Project



*Two-story Building
View from Dale Ave.*



*Two-story Building
View from Science Courtyard*



Polaris

Dale JHS Modernization and New Construction Project

District Object Code	Cost Category	Estimated Project Budget	Project Commitments to Date	Expenditures to Date	Total Remaining	Percent Complete
Construction Hard Cost						
6270	Main Building Contractor	\$ 40,000,000	\$ -	\$ -	\$ 40,000,000	0%
Total Construction Cost:		\$ 40,000,000	\$ -	\$ -	\$ 40,000,000	0%
Design Cost						
6212	Architect of Record (AOR)	\$ 2,530,080	\$ 2,409,600	\$ 1,294,901	\$ 1,235,179	51%
Total Design Cost:		\$ 2,530,080	\$ 2,409,600	\$ 1,294,901	\$ 1,235,179	51%
Other Soft Costs						
6273	PPM Construction Management	\$ 2,000,000	\$ 2,000,000	\$ 338,443	\$ 1,661,558	17%
6210	DSA Fees	\$ 400,000	\$ 285,000	\$ 214,882	\$ 185,118	54%
6209	Utility Mapping	\$ 34,675	\$ 34,675	\$ 34,675	\$ -	100%
6209	Surveying	\$ 15,900	\$ 15,900	\$ 15,900	\$ -	100%
6250	Geotechnical Investigation	\$ 17,671	\$ 17,671	\$ -	\$ 17,671	0%
6290	Material & Soil Testing	\$ 286,046	\$ -	\$ -	\$ 286,046	0%
6270	Contingency/Allowance	\$ 4,000,000	\$ 4,000,000			
	Miscellaneous Consultants	\$ 3,715,646	\$ 2,842,410	\$ 43,253	\$ 3,672,393	1%
Total Other Soft Costs:		\$ 10,469,938	\$ 9,195,656	\$ 647,153	\$ 9,822,785	6%
Combined Project Totals:		\$ 53,000,018	\$ 11,605,256	\$ 1,942,054	\$ 51,057,964	4%

As of July 31, 2018

FUTURE WAVE II PROJECTS

School	TOTAL \$	Notes
Anaheim HS	\$ 525,000	
Technology & Security Cameras & Locks & Security Systems	\$ 4,000,000	
Western HS	\$ 3,000,000	<i>Phase I project</i>
21st Century Classroom Furniture	\$ 2,000,000	
Ball JHS	\$ 4,000,000	<i>Phase I project</i>
Brookhurst JHS	\$ 4,000,000	<i>Phase I project</i>
Sycamore JHS	\$ 5,000,000	<i>Phase I project</i>
Orangeview JHS	\$ 4,000,000	<i>Phase I project</i>
Hope School	\$ 1,500,000	<i>Planning</i>
Walker JHS	\$ 2,000,000	<i>Planning</i>
Magnolia HS	\$ 4,000,000	<i>Planning</i>
District Campus	\$ 4,000,000	<i>Phase I Improvements</i>
Trident- Gilbert HS	\$ 1,000,000	<i>Planning</i>
Programming	\$ 1,200,000	
Bogen System	\$ 600,000	
	\$ 40,825,000	

Project Schedule:

September 2017 thru December 2020 (Projected)

Planning thru Construction Completion

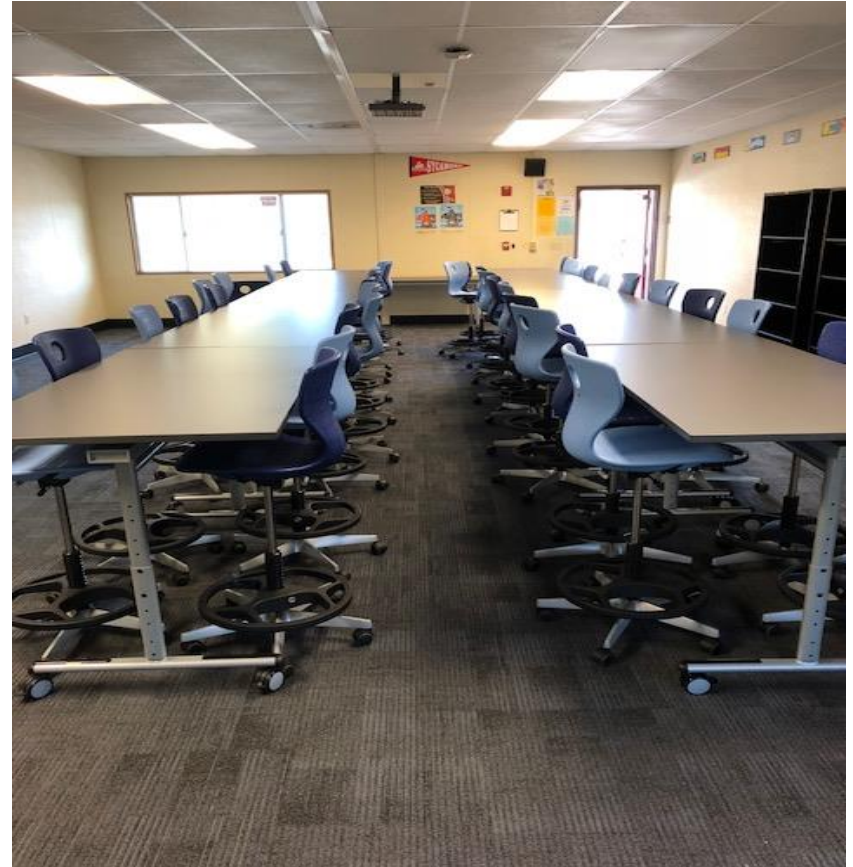


21st Century Classroom Furniture

	2015-16 INNOVATION CLASSROOMS	2016-17 INNOVATION CLASSROOMS	2017-18 INNOVATION CLASSROOMS	2018-19 INNOVATION CLASSROOMS	ACTUAL EXPENDITURE THRU JULY 31, 2018	BALANCE TO COMPLETE (FUTURE MEASURE H FUNDS)
ANAHEIM HS	1	30	12	15	\$863,103.96	\$624,396.04
BALL JHS	1	5	2	5	\$150,665.91	\$336,834.09
BROOKHURST JHS	1	6	6	3	\$306,813.87	\$280,686.13
CYPRESS HS	1	20	14	8	\$639,051.24	\$473,448.76
DALE JHS	1	7	1	0	\$131,688.94	\$518,311.06
HOPE SCHOOL	1	4	0	0	\$72,542.58	\$352,457.42
KATELLA HS	1	25	13	8	\$680,507.70	\$544,492.30
KENNEDY HS	1	16	13	7	\$586,346.27	\$388,653.73
LEXINGTON JHS	1	8	5	3	\$217,965.04	\$332,034.96
LOARA HS	1	10	23	13	\$630,233.98	\$507,266.02
MAGNOLIA HS	1	14	2	0	\$259,019.40	\$840,980.60
ORANGEVIEW JHS	1	6	6	5	\$245,977.48	\$304,022.52
OXFORD ACADEMY	1	13	6	0	\$285,146.26	\$327,353.74
SAVANNA HS	1	10	10	10	\$469,783.13	\$567,716.87
SOUTH JHS	1	14	7	4	\$367,988.39	\$344,511.61
SYCAMORE JHS	1	8	11	7	\$402,091.20	\$435,408.80
TRIDENT/GILBERT HS	1	7	6	4	\$243,636.83	\$281,363.17
WALKER JHS	1	7	0	0	\$134,284.77	\$415,715.23
WESTERN HS	1	11	10	10	\$530,206.62	\$619,793.38
	19	221	147	102	\$7,217,053.57	\$8,495,446.43

**2018-19 Implementation of 21st Century Classroom Furniture: TBD.
489 classrooms will be complete by December 2018.**

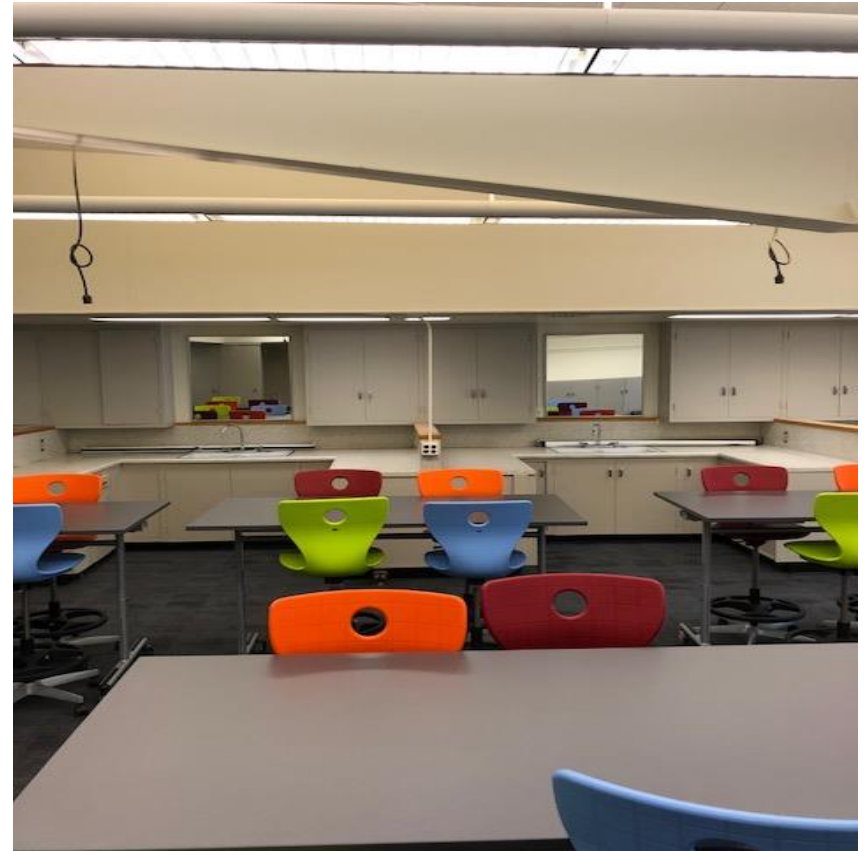
21st Century Classroom Furniture



21st Century Classroom Furniture



21st Century Classroom Furniture



June 2015 – July 2018 Measure H Expenditure Summary

Bond Series 2015 Proceeds	\$63,455,000.00
Other Local Revenue	\$ 4,998.74
Interest	\$ 901,837.52
Leases and Rentals	\$ 7.00
Total Proceeds	\$ 64,361,843.26
Expenditures as of July 31, 2018	(\$48,754,981.40)
Balance Bond Series 2015	\$15,606,861.86

The following is the detail summary of the Measure H Expenditures as of July 31, 2018

A. PPM, Design, Inspection, and Testing	\$7,446,182.49
A1. Construction	\$13,366,526.21
A2. District Project Management	\$276,290.02
B. 21st Century Furniture	\$7,235,167.83
C. 2012 Certificate of Participation Payoff	\$19,883,505.98
D. Bond Administration Costs and Interest Expense	\$547,308.87

TOTAL EXPENSES: \$48,754,981.40

April 2018 – July 2018 Measure H Expenditure Summary

Bond Series 2018 Proceeds	\$83,000,000.00
Interest	\$ 260,406.80
Total Proceeds	\$83,260,406.80
Expenditures as of July 31, 2018	(\$ 846,910.54)
Balance Bond Series 2018	<u>\$82,413,496.26</u>

The following is the detail summary of the Measure H Expenditures as of July 31, 2018

A. PPM, Design, Inspection, and Testing	\$	0.00
A1. Construction	\$	0.00
A2. District Project Management	\$	0.00
B. 21st Century Furniture	\$	0.00
C. 2012 Certificate of Participation Payoff	\$	0.00
D. Bond Administration Costs and Interest Expense	\$	846,910.54
TOTAL EXPENSES:		<u>\$846,910.54</u>

Current Market Conditions

Presented By: Kunal Shah



1

**CONSTRUCTION MARKET
UPDATE**

2

**LABOR & MATERIALS
TRENDS**

3

RECOMMENDATIONS



GLOBAL & DOMESTIC MARKET

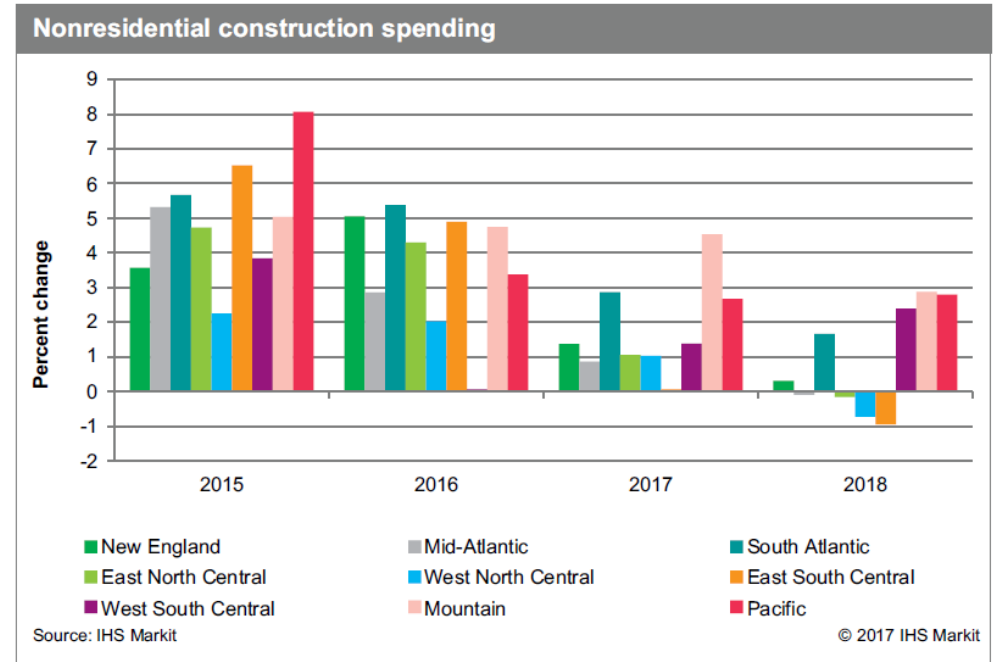
+ US DOLLAR
EXCHANGE RATE INDEX

+ ENERGY COSTS

+ INTERNATIONAL
DEMAND

+ DOMESTIC MATERIAL
SUPPLY

+ CA CONSTRUCTION
VOLUME



This report was established as a method to identify and track key factors contributing to the increase or decrease of current construction costs in Orange County, Los Angeles, and Riverside. As a result of this analysis, we will recommend escalation rates for the purpose of budgeting upcoming project phases, while forecasting construction cost impacts.

ORANGE COUNTY, LOS ANGELES, RIVERSIDE OVERVIEW

After an unprecedented surge in volume from 2012-2016, volume is forecasted to grow at a lesser rate from 2017-2019. Volume growth rate will peak in 2019 and decrease in 2020. Labor capacity and key materials are currently experiencing strong demand. With an average annual volume increase of 4.3% for the next three years, labor capacity will be tested to meet the demand. General contractors and subcontractors have increased their margins in conjunction with the volume growth.

6.1% Construction Volume Local Annual Growth 2013-2017

4.3% Construction Volume Local Projected Annual Acceleration Current-2019

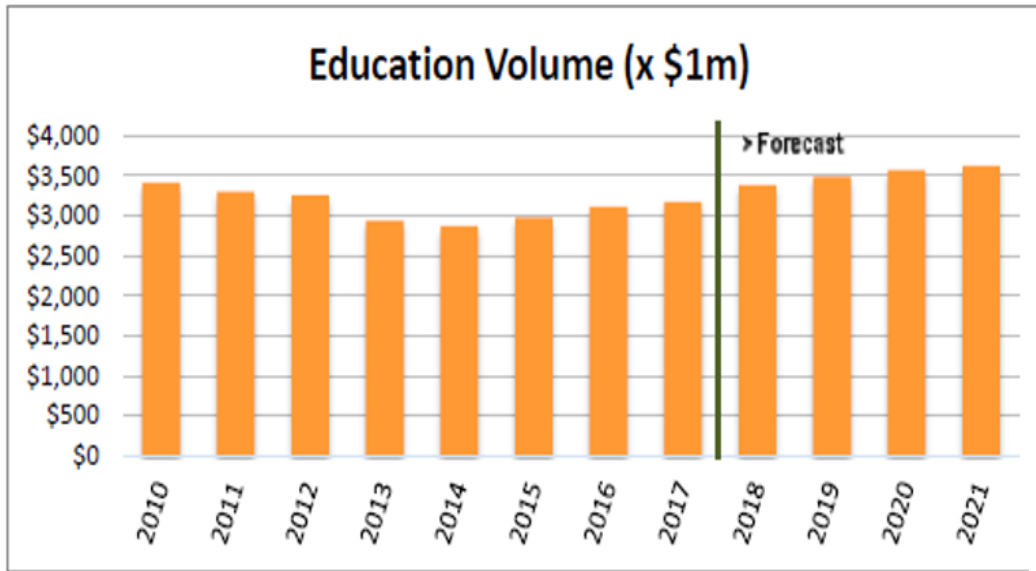
\$60.2B Annual Construction Volume Forecast for 2018

1.7% Annual Construction Volume Forecast Increase for 2018

4.5% Recommended Annual Escalation Rates For 2018-2020

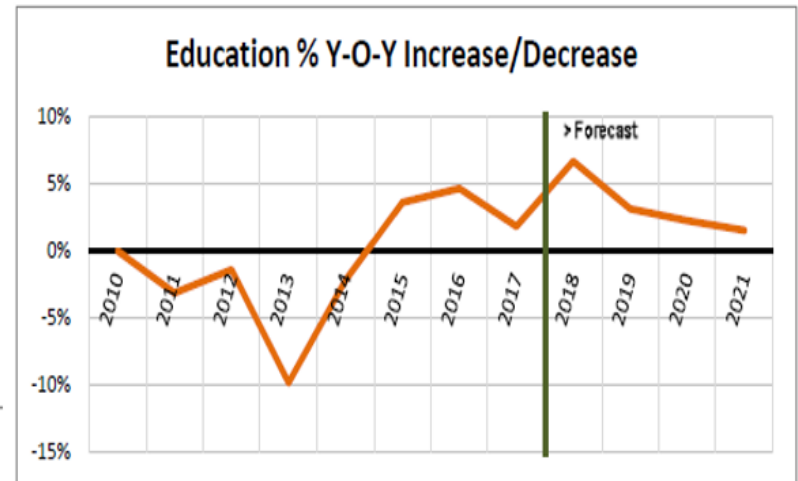


EDUCATION SECTOR IN OC/LA/RIVERSIDE



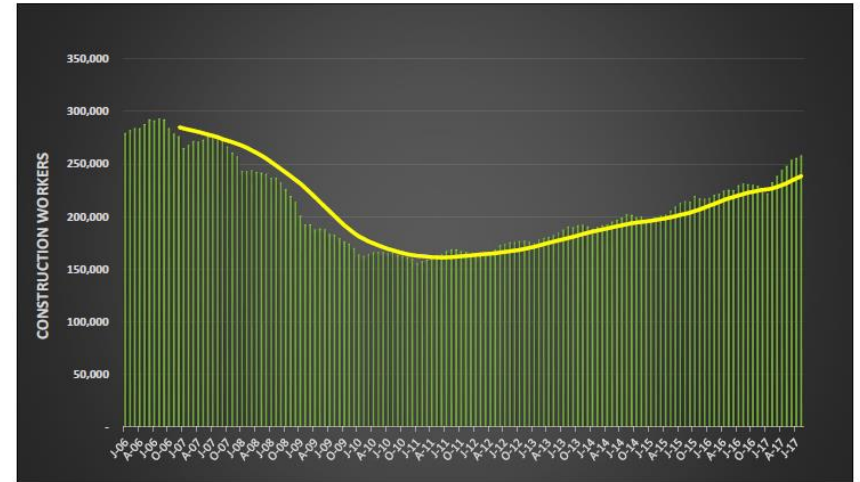
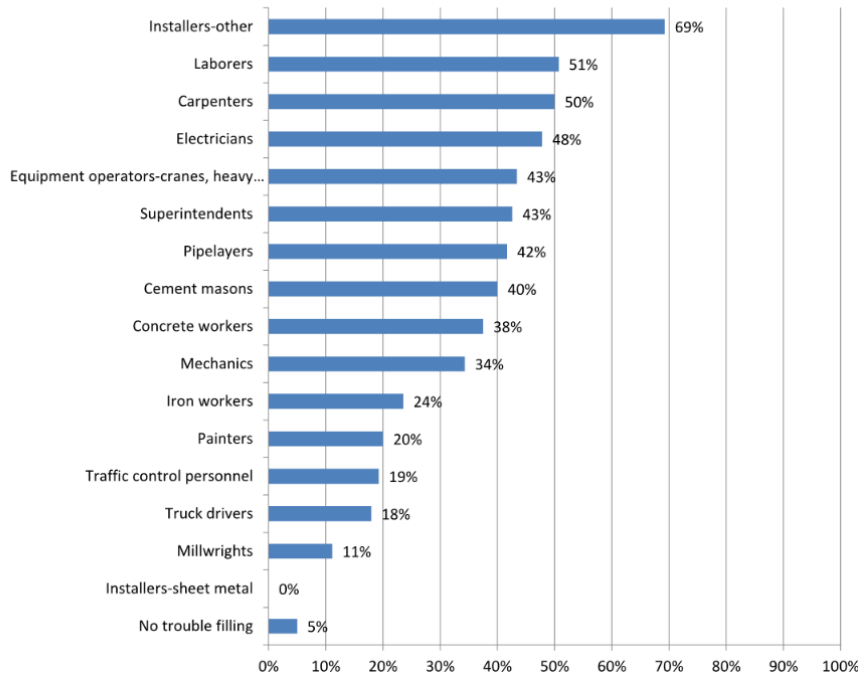
\$9B

K-12/Community College
Construction Projects
Currently in Schematic Design



LABOR TRENDS IN OC/LA/RIVERSIDE

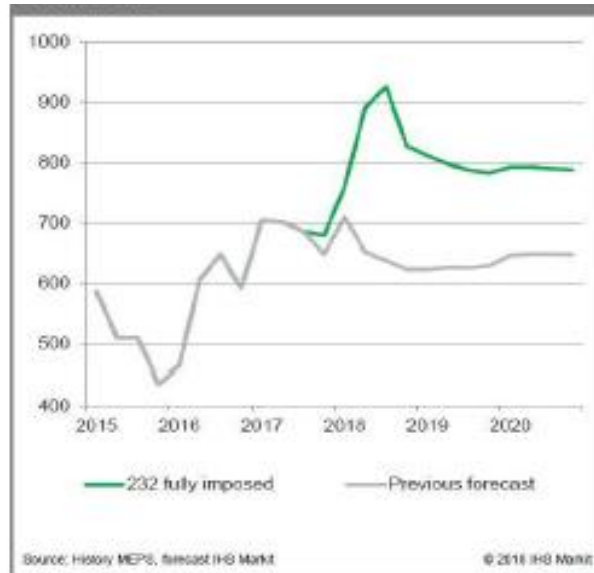
6. If your firm is having trouble filling craft professional positions, please indicate the position types you are having trouble filling (responses shown for positions types employed by 10 or more respondents):



257,700 Number of Construction Workers Currently Employed

SECTION 232 TARIFFS ON IMPORTED STEEL & ALUMINUM

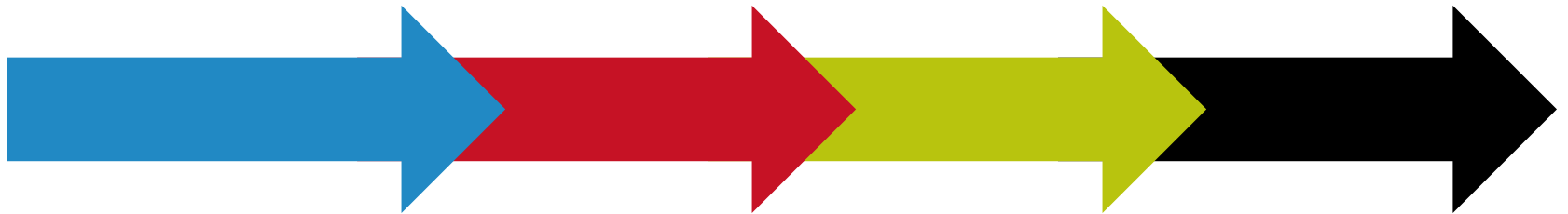
STRUCTURAL STEEL



ALUMINIUM



Anticipated Results: The impacts following the March 1st announcement were immediate and severe. Expect steel prices to reach an immediate \$250/ton increase across the board for all shapes and types. There will be spot market shortages and shipment delays as domestic production capacity takes three to nine months to come on line. Ultimately, post-tariff steel prices should settle to \$150/ton over steady market prices by Q1 or Q2 of 2019. Expect a 10% to 20% increase in finished product materials (aluminum siding, panels, ductwork, conduit, wire, tubing and fittings). While the overarching intent was to get domestic steel production up from 73% to 80% capacity, sheet metal producers were already nearing 100% capacity. There may be dire impacts to sheet metal product availability as well as pricing (ductwork, metal studs, etc.) as much of the market may be put on allocation due to supply shortages.



PROACTIVE

Expect Surprises:

We should expect surprises. In the event of cost increases, we need to be open to alternative project delivery methods, such as design-bid-build and others that will allow us to select a contractor based on best value.

RESPONSIVE

Conduct Contractor Outreach:

We should be prepared to conduct contractor outreach to ensure we are reaching out to contractors that want to work with clients as a contractor of choice and are willing to work within the price range we are willing to pay.

FLEXIBLE

Have Options:

We need to keep our options open. In addition to ensuring that our costs are in line with industry trends, we need to have plans in place to address high bids received by contractors. This is inclusive of spacing/timing out projects based on industry demand or managing projects internally via multi-prime delivery method.