



# ORANGE UNIFIED SCHOOL DISTRICT

## Measure S Bond Program

### August 2018 Monthly Progress Report



**PERIOD COVERED:**

August 1-31, 2018

**FISCAL YEAR**

FY 2018-2019

**PROGRESS REPORT NO.**

PR-014-1718-014

**PREPARED BY:**

**CUMMING**  
Building Value Through Expertise



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## 1.0 EXECUTIVE SUMMARY

### 1.1 Program Summary

#### **-DSA approval is anticipated and has been received as follows:**

- October 2018 - El Modena HS Science Center
- December 2018 - Canyon HS Science Center
- (Completed) August 16, 2018 (1 month early) - Villa Park HS Science Center (04-117022)
- (Completed) July 12, 2018 - Orange HS Science Center (Increment # 2) (04-116859)
- (Completed) April 10, 2018 Orange HS Satellite Kitchen (04-116673.2)
- (Completed) March 1, 2018 for the Orange HS Increment #1 (Infrastructure Upgrades, Move Relocatable Buildings, Bus Drop-Off, Restroom Renovation Project) (04-116673.1)
- (Completed) February 7, 2018 Villa Park HS Interim Housing (DSA Application #04-116788)

#### **Construction start and tentative scheduled starts, as follows:**

- November 2018 – Orange HS Science Center (Increment #2)
- December 2018 – Villa Park HS Science Center (both Interim Housing and Science Center)
- Early 2019 – El Modena HS Science Center
- Spring 2019 – Canyon HS Science Center
- (Started) June 15, 2018 – Orange HS Site Infrastructure (Increment #1)

All Measure S Monthly Reports, Project Designs and Board Presentations are available for your review at the Bond Website, <https://www.orangeusd.org/measure-s>

### 1.2 Program Highlights/Key Milestones

#### **August 16 Approved Board of Education Items**

- Owner Furnished Contractor Installed (OFCI) Electrical Equipment for the El Modena HS STEM Building using CMAS Agreement for \$345,584.

#### **Program Budget Update**

- The July 2018 Monthly Report was issued. The budgets are based upon the 50% Construction Documents Cost Estimates completed by the Construction Managers (updated from the Construction Cost Estimates based upon the Schematic Designs).
- In May 2018, the District and Program Manager reviewed the draft updated budgets based upon the percentages recommended at the 4/11/18 meeting. The Program Budgets are to be updated on a project by project basis, based upon receipt of the actual bid amounts for each project.



**Program Schedule Update**

- The July 2018 Monthly Report was issued. The program schedule is based upon the updated schedules completed by the Construction Managers using the various stages of Construction Documents progress.

**Phase 2**

- Superintendent to work with the Board regarding the Master Plan and Phase II updates.
- On 5/18/18, the District and Program Manager reviewed the Unallocated Funds Budget and concluded that the 4/1/18 schedule must be followed to begin Phase 2 construction in June 2020.

**Bond Financing Update**

- On 6/19/18, the \$188 Million Bond Sale document was signed.
- On 6/7/18, the District’s Financial Advisor (Adam Bauer, Fieldman, Rolapp & Associates, Inc.) announced at the Board of Education meeting that the competitive sale was complete for Series A, Measure S Bonds (as an information item).
- On 5/24/18, the Board of Education approved the resolution for the competitive sale of Bond Series A, in the amount of \$188M.
- On 4/12/18, the District’s Financial Advisor presented the following Bond Finance Plan:
  - Series A Bond Issuance at \$188M (June / July 2018).
  - Series B Bond Issuance at \$100M (June / July 2020).

**California Environmental Quality Act (CEQA) Compliance anticipated or completed as follows:**

- Villa Park HS – Notice of Exemption ([on upcoming September 20, 2018 Board Agenda](#)). The District is in final review with the City of Villa Park.
- Canyon HS – Notice of Exemption (Board approved on 7/26/18).
- Orange HS – Notice of Exemption (Board approved on 3/8/18).
- El Modena HS – Notice of Exemption (Board approved on 3/8/18).

**Program Owner’s Controlled Insurance Program (OCIP) Update**

- As of 8/31/18 the District and Program Manager state that we are past the possible use of this program on the Phase I projects. There will be follow up discussion with the Business Services office on the possible use with the Phase II projects.
- On 5/18/18, the District and Program Manager reviewed the duration required to incorporate OCIP into the Orange HS Increment #2, Villa Park HS, El Modena HS and Canyon HS projects.
- On 5/10/18, the Program Manager completed a presentation to summarize OCIP services. The Board requests the following:
  - Determination of Minimum Insurance Coverages by the Business Office
  - Review of Coverages by Similar Districts
  - Advertise Bid for OCIP Services



**Procure Electrical System Equipment**

- As of 8/31/18, the Owner Furnished Contractor Installed (OFCI) Electrical System Equipment for the Villa Park HS STEM Building (Increments #1 & #2) is still in the process of final Architect/Engineer approval. The approximate cost is \$160,486.
- The Owner Furnished Contractor Installed (OFCI) Electrical System Equipment for the Canyon HS STEM Building is still in the process of being assembled by Program Management.
- On 7/31/18, the electrical equipment continues to be received and issued to the contractor, Swinerton, for installation on the Orange HS Infrastructure (Increment # 1) project. The first electrical equipment was received on 6/18/18 and stored in the Facilities & Planning Warehouse.

**Citizens’ Oversight Committee (COC)**

- On 10/17/18, David Rivera (CBO), will be presenting the next updated Measure S Bond Program Status to the COC.
- On 7/25/18, David Rivera (CBO), presented an updated Measure S Bond Program Status to the COC.

*COC Meeting agendas, meeting minutes, reports, and additional information can be found at;*  
<https://www.orangeusd.org/measure-s/citizens-oversight-committee>

**Program Management Plan (PMP)**

- The Program Manager is updating the PMP with the following:
  - Updated Bond Sales Schedule
  - Updated Procurement Plan
  - Signature Page by CMs
  - Construction Management Plans by CMs
  - Lesson Learned Bulletin’s
- On 3/30/18, the Program Manager issued the Final Draft of the PMP to the Construction Managers. The Construction Managers are preparing their Construction Management Plans for each of their respective projects to be included within the PMP.

**Contractor Pre-Qualification**

- As of 8/31/18, current contractor prequalification includes:
  - 24 Prime/GC’s – 15 large Prime Contractors are included in this category and able to financially qualify and perform at the level required to bid the large projects at the high schools.
  - There are currently 102 Mechanical / Electrical / Plumbing contractors’ (there were 36 MEP’s added during the Orange HS Science Center outreach for S1819-001).
  - To date, two marketing efforts for Measure S Program projects included invitations to 382 contractors and 5 plan rooms. Refer to the reoccurring marketing of projects;
  - Each project advertised for bidding will include extensive marketing efforts to maintain a large pool of qualified contractors able to bid Measure S Program projects.
  - Projects are posted to American Reprographics Company (ARC) public plan room, which a large well-known plan room and heavily utilized by school districts for posting of bids.



- Project general information and a link to ARC is also posted on the District’s website, under the Measure S Program.
- Prequalification activity for Orange HS Increment 2 Science Center pursuant to the current bid;
  - [7 Prime Contractors are eligible to bid S1819-001 OHS Sci Center – attended mandatory job walk and prequalified with audited financials and sufficient single bonding capacity.](#)
- Prospective contractors continue to submit pre-qualification applications, which continue to be reviewed by the District and the Program Manager on a rolling basis.

**Project Achievements**

- August 2018 – District procured Owner Furnished Contractor Installed (OFCI) Electrical System Equipment for the El Modena High School STEM Building using CMAS Agreement (Board Approved August 16, 2018), savings estimated at; [\\$57,021](#) (using 16.5% GC markup cost).
- July 2018 - [Value Engineering Savings – El Modena HS Science Center: \\$983,581](#) (Canopy, Corridor Roof, South Elevation Glazing, Elevator, North & South Corridor Glazing).
- July 2018 - [Value Engineering Savings – Canyon HS Science Center: \\$1,600,000](#) (Interim Kitchen, Revised Exterior Building Skin, Reduced Interior Balcony, Reduced canopy size, Revised Interior Finishes, Con-Ex-Tect structural framing, Combining the bid phase packaging and removed items).
- June 2018 - [Value Engineering Savings – Villa Park HS Science Center: \\$598,484](#) (Exterior Enclosure, Interior Construction, Equipment, Casework).
- June 2018 - District procured Owner Furnished Contractor Installed (OFCI) Electrical System Equipment for the Orange High School STEM Building (Increment #2) using CMAS Agreement (Board Approved June 7, 2018), savings estimated at; [\\$10,376](#) (using 16.5% GC markup cost).
- May 2018 - District procured Owner Furnished Contractor Installed (OFCI) Electrical System Equipment for the Orange High School Site Infrastructure (Increment #1) using CMAS Agreement (Board Approved May10, 2018), savings estimated at; [\\$34,497](#) (using 16.5% GC markup cost).

**1.3 Look Ahead (next 90 days)**

**Board of Education Agenda**

**September 6 Tentative**

- Orange HS Increment # 01; Change Order # 1 in the amount of: \$258,994.26.
  - This change order is comprised of the following proposed change order’s (PCO): 1,3,4,5,6,7,10 & 11.
  - This change order reflects; 4.34% of the 10% (\$596,542) change order contingency.

**September 20 Tentative**

- California Environmental Quality Act (CEQA) Categorical Exemption at Villa Park HS



**Program Wide**

- Track outstanding deliverables to prepare the bid for Villa Park HS Stem Building;
  - DSA Approved drawings
  - Current 100% construction cost estimate from Balfour Beatty.
  - Edited Supplementary Conditions.
  - Comments on General Conditions and General Requirements.
  - Commissioning specifications from P2S.
- Manage completion of the Design process, to DSA approval per the following schedule:
  - October 2018 – Anticipated DSA Approval for El Modena HS STEM Building.
  - December 2018 – Anticipated DSA Approval for Canyon HS STEM Building.
- Review Construction Management Plans by Construction Managers for inclusion into the PMP.
- Prepare updates and finalize the Program Management Plan.
- Phase II planning next steps with the CBO and Bond Representative.
- Prepare the revised submittal package for Architect / Engineer approval. Prepare package to procure Owner Furnished Contractor Installed (OFCI) Electrical System Equipment for the Villa Park High School STEM Building (Increments #1 & #2) using CMAS Agreement.
- Prepare the Owner Furnished / Contractor Installed (OFCI), furniture, fixture and equipment list for Canyon HS.
- Focus on new Electrical service being energized at Orange HS Increment # 1.  
Complete Weekly Reports, Briefing and Monthly Reports.



## 2.0 PROJECT STATUS REPORT



Canyon High School  
New STEM Building



EL MODENA SCIENCE CENTER

Overall View



Orange High School Science Center



VILLA PARK HIGH SCHOOL



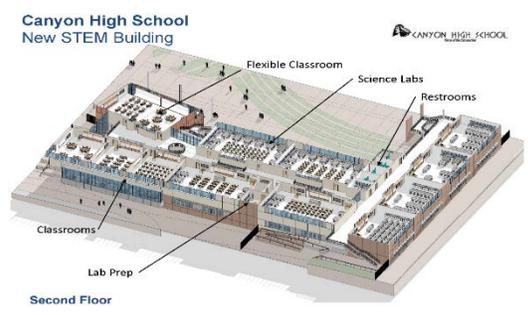
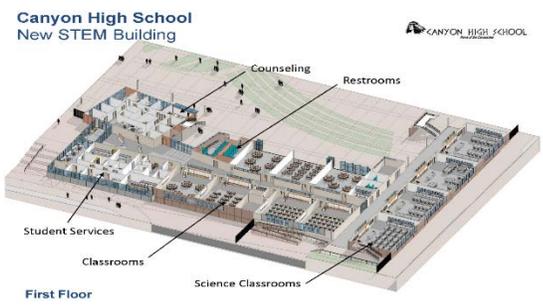


# CANYON HS SCIENCE CENTER

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>• 12 Laboratory Rooms</li> <li>• 12 General Classrooms</li> <li>• Student Services</li> <li>• New Food Services</li> </ul> | <ul style="list-style-type: none"> <li>• New Multi-Purpose Room Entry</li> <li>• Parking Lot Improvements</li> <li>• Infrastructure Upgrade and Improvements</li> <li>• Landscape Improvements</li> </ul> |
|---|---|

**Project Update (Design):**

- As of 8/31/18, DSA is still reviewing the final back-check comments.
- On 7/13/18, the Architect submitted the STEM building (DSA Application #04-117300), 100% Construction Documents (CDs) to DSA. This re-submission will reflect a 45-day delay from the previous anticipated DSA approval date. The DSA approval is now anticipated in December 2018, with the start of construction to remain as originally scheduled for May 2019.
- On 5/30 the DSA re-submission comments were issued, then reviewed by the team on 7/2/18 and again on 7/6/18 at a final page turn with District, PM, Architect (all engineers) and Gafcon to review all the constructability and DSA comments to incorporate on final submission set to DSA.
- On 6/26/18, the Program Manager and District held a meeting with the Architect (Gkkworks) and Gafcon executives, to determine and report how the CHS project submittal was delivered to DSA when not 100% complete and constructible.





# EL MODENA HS SCIENCE CENTER

- 12 Laboratory Rooms
- 1 General Classrooms
- 2 Medically Fragile Classrooms
- Relocation of Campus MDF
- Technology & Utility Upgrade
- Landscape Improvements

### Project Update (Design):

- As of 8/31/18, the DSA Review & Approval phase continues for the (STEM Building, Medically Fragile Classrooms, Site Infrastructure, New Fire Lanes, New Parking Lot Lighting) (DSA Application #04-117098). The Architect submitted the 100% Construction Documents to DSA on 3/30/18 and DSA’s comments were received on 5/1/18 (Fire & Life Safety) and 5/8/18 (Access Compliance), and 7/20/18 (Structural), which are being incorporated by the Architect. DSA approval is still anticipated in October 2018.
- Construction is tentatively scheduled to start Early 2019.
- Scheduling a page-turn on the 100% construction documents for 9/14/18 prior to the final backcheck submission to DSA schedule for 9/18/18.



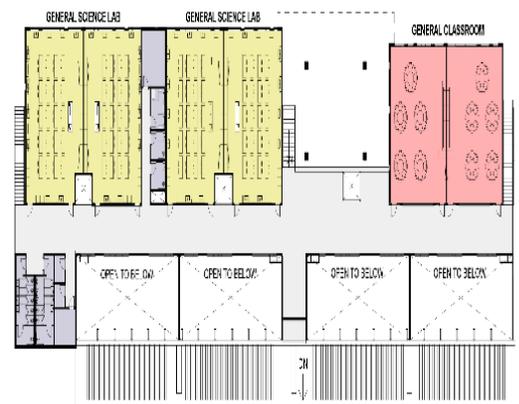
EL MODENA SCIENCE CENTER Overall View 05.11.2017 HED



EL MODENA SCIENCE CENTER Site Aerial Diagram 05.11.2017 HED



EL MODENA SCIENCE CENTER First Floor Plan 05.11.2017 HED



EL MODENA SCIENCE CENTER Second Floor Plan 05.11.2017 HED





# ORANGE HS UTILITY INFRASTRUCTURE

- Site Utility & Infrastructure Upgrade
- Relocate (5) and Demolish (4) of portable classroom buildings

## Project Update Increment # 1 – Site Utility Infrastructure (Construction):

- On 9/06/18, Orange HS Increment # 01; Change Order # 1 in the amount of: \$258,994.26, was Board approved. This change order is comprised of the following proposed change order's (PCO): 1,3,4,5,6,7,10 & 11. This change order reflects; 4.34% of the 10% (\$596,542) change order contingency.
- As of 8/24/18, issued Construction Change Directives # 01 through # 10 reflecting a total Not-To-Exceed [NTE] cost of \$306,203, therefore, total contingency percentages equal 5.1%; which is within the 10% (\$596,542) change order threshold.
- On 7/9/18, the City of Orange permit to be issued for the Bus Drop Off work to start.
- On 7/9/18, all school athletic programs start back up on the site; Volleyball, Basketball, Football, Soccer, and Dance. There will be marked site access around the construction site. Aquatics use of the pool is scheduled for 7/20/18 – 8/18/18.
- On 7/9/18, Swinerton will be submitting a schedule, coordinating the de-energizing of the transformer (Building 100) with SoCal Edison. Once approved will be circulated with District and school staff.
- On 7/9/18, Orange High School fire and burglar alarm systems are due to go off-line. OUSD Security Patrol will be based out of the OHS campus beginning the evening of July 9<sup>th</sup> and will remain with an onsite base until power is fully restored to all campus areas.

See Construction Photo's below:

**Orange High School**  
"ONCE A PANTHER, ALWAYS A PANTHER"  
**PANTHERS**




Bus drop off area landscaping off curb (entrance off Walnut).



Girls restroom framing (Bldg. 500).



Setting manhole in basketball court area.



# ORANGE HS SCIENCE CENTER

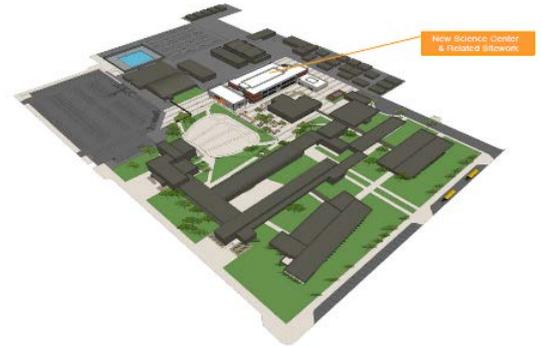
- 12 Laboratory Rooms
- 1 General Classrooms
- New Panther Pavilion Plaza
- 2 Medically Fragile Classrooms

## Project Update Increment # 2 – Science Center (Design):

- [The Science Center bid closes September 18, 2018.](#)
- On 8/17/18, a “Mandatory” Pre-Bid Conference was held on the project site.
  - There were seven (7) pre-qualified Prime Contractors that attended.
  - Additionally, there were five (5) Prime Contractors that attended but not pre-qualified.
- On 8/10/18, advertised the OHS Science Center bid document.
- On 7/12/18, received DSA Science Center (04-116859) plans approved.
- Moving forward with the DSA - Class 1 Inspector selection, outreach that was conducted for this construction.
- Construction is tentatively scheduled to start in November 2018.



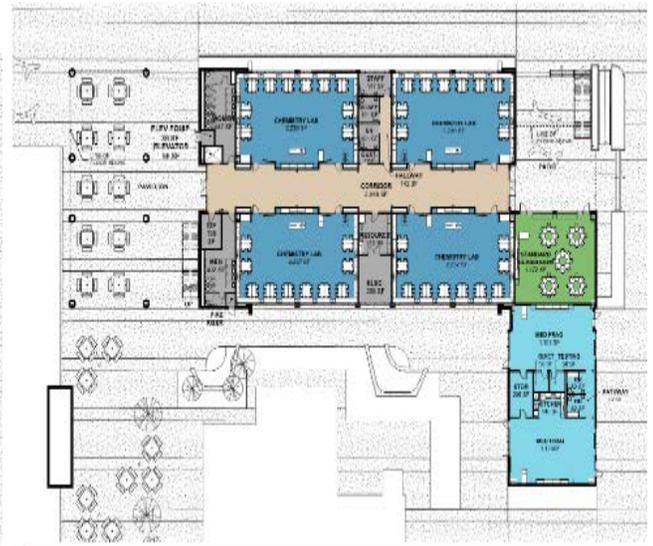
Orange High School Science Center



Orange High School Science Center



Science Center Second Floor Plan



Science Center Ground Floor Plan

**Orange High School**  
"ONCE A PANTHER, ALWAYS A PANTHER"  
**PANTHERS**





# VILLA PARK HS SCIENCE CENTER

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>• 12 Laboratory Rooms</li> <li>• 2 General Classrooms</li> <li>• 2 Medically Fragile Classrooms</li> </ul> | <ul style="list-style-type: none"> <li>• Demolish existing building 300</li> <li>• Install 10 New Portable Buildings</li> </ul> |
|---|---|

### Project Update (Design):

- [DSA design approval received for the STEM Building \(DSA Application #04-117022\) on 8/16/18. \(One month early\)](#)
- As of 8/16/18, starting bid package preparations, reviewing the Division 00 and 01 specifications.
- On 7/19/18, the Architect, Construction Manager, District and Program Manager conducted a pre-back-check, page turn, reviewing the constructability team comments and the DSA comments. The Architect has a back-check submission date with DSA on 8/7/18.
- The District and PlaceWorks (District’s CEQA Consultant), are completing a follow up with the City of Villa Park and preparing an agenda item for a CEQA Notice of Exemption at the 9/20/18 Board Meeting.
- Pursuing Engineer approval on re-submittals to establish procurement of Owner Furnished Contractor Installed (OFCI) Electrical System Equipment for the Villa Park HS STEM Building (Increments #1 & #2) using CMAS Agreement.
- Construction is tentatively scheduled to start in December 2018.



### 3.0 Financial Report



#### Measure S Bond Program

#### Budget vs Actuals - By School and Budget Category with Vendor Detail

Monthly Progress Report August 2018

QSS Data thru 8/31/2018

	Budget	Year to Date Contracted	Year to Date Expense	Quarterly Expense Jul '18 - Sep '18
<b>Allocated</b>				
<b>IP Surveillance Camera and Systems</b>				
<b>1. FF&amp;E (IP Surveillance Camera)</b>				
01 Budget	\$513,332	\$0	\$0	\$0
CDW GOVERNMENT INC	\$0	\$158,037	\$150,674	\$150,674
DIGITAL NETWORKS GROUP INC	\$0	\$41,015	\$41,015	\$41,015
INTER-PACIFIC INC	\$0	\$105,205	\$66,520	\$66,520
	<b>\$513,332</b>	<b>\$304,257</b>	<b>\$258,209</b>	<b>\$258,209</b>
<b>5. Contingency (Escalation,Construction,Project)</b>				
01 Budget	\$22,933	\$0	\$0	\$0
	<b>\$22,933</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>IP Surveillance Camera and Systems Total</b>	<b>\$536,265</b>	<b>\$304,257</b>	<b>\$258,209</b>	<b>\$258,209</b>
<b>Science Center</b>				
<b>1. Design Cost</b>				
01 Budget	\$9,748,173	\$0	\$0	\$0
GKKWORKS	\$0	\$3,207,430	\$2,113,521	\$204,670
HARLEY ELLIS DEVEREAUX	\$0	\$1,942,024	\$1,362,714	\$4,832
LIONAKIS	\$0	\$2,345,178	\$1,697,602	\$50,678
LPA INC	\$0	\$2,221,358	\$1,374,811	\$124,006
SILVER CREEK INDUSTRIES INC	\$0	\$29,682	\$29,682	\$0
	<b>\$9,748,173</b>	<b>\$9,745,672</b>	<b>\$6,578,331</b>	<b>\$384,187</b>
<b>2. Construction Cost</b>				
01 Budget	\$118,052,740	\$0	\$0	\$0
CITY OF ORANGE	\$0	\$2,000	\$2,000	\$0
GIANNELLI ELECTRIC INC	\$0	\$35,298	\$28,608	\$13,730
GRUETT TREE CO INC	\$0	\$7,625	\$7,625	\$0
INTEGRATED DEMOLITION AND REMEDIATION	\$0	\$44,800	\$44,800	\$0
J & A FENCE	\$0	\$6,885	\$0	\$0
KYA SERVICES LLC	\$0	\$20,824	\$0	\$0

	Budget	Year to Date Contracted	Year to Date Expense	Quarterly Expense Jul '18 - Sep '18
OLESH, KEITH	\$0	\$1,500	\$0	\$0
SOUTHERN CALIFORNIA NEWS GROUP	\$0	\$0	\$0	\$0
SWINERTON BUILDERS	\$0	\$5,965,424	\$336,829	\$336,829
TIME & ALARM SYSTEMS	\$0	\$3,100	\$3,100	\$0
UNIVERSAL ASPHALT CO	\$0	\$6,830	\$6,830	\$0
	<b>\$118,052,740</b>	<b>\$6,094,286</b>	<b>\$429,793</b>	<b>\$350,560</b>

### 3. Program and Construction Management

01 Budget	\$13,106,686	\$0	\$0	\$0
ARCADIS U.S. INC	\$0	\$1,861,240	\$399,205	\$33,700
BALFOUR BEATTY CONSTRUCTION	\$0	\$1,640,520	\$302,605	\$46,440
CORDOBA CORPORATION	\$0	\$1,744,430	\$421,905	\$77,650
CUMMING CONSTRUCTION MGMT INC	\$0	\$2,282,939	\$1,119,263	\$171,848
GAFCON INC	\$0	\$2,579,884	\$467,365	\$97,928
	<b>\$13,106,686</b>	<b>\$10,109,013</b>	<b>\$2,710,343</b>	<b>\$427,565</b>

### 4. Construction Support Costs

01 Budget	\$18,239,598	\$0	\$0	\$0
ACCO ENGINEERED SYSTEMS INC	\$0	\$271,957	\$0	\$0
ALLEGIANT FIRE PROTECTION INC	\$0	\$525	\$525	\$0
AMERICAN REPROGRAPHICS CO LLC	\$0	\$61,450	\$24,831	\$3,381
C BELOW SUBSURFACE IMAGING	\$0	\$8,220	\$0	\$0
CALIFORNIA GEOLOGICAL SURVEY	\$0	\$14,400	\$14,400	\$0
CHICAGO TITLE COMPANY	\$0	\$4,500	\$4,500	\$0
CITY OF ORANGE	\$0	\$2,571	\$2,571	\$0
CONEXWEST	\$0	\$9,466	\$0	\$0
DIVISION OF STATE ARCHITECT	\$0	\$1,291,934	\$1,291,934	\$0
ELITE MODULAR LEASING & SALES INC	\$0	\$478,688	\$0	\$0
ENVIRONMENTAL AUDIT INC	\$0	\$61,750	\$29,923	\$5,676
ENVIRONMENTAL NETWORK CORPORATION	\$0	\$11,000	\$3,310	\$3,310
HARLEY ELLIS DEVEREAUX	\$0	\$14,908	\$13,608	\$0
HARRINGTON GEOTECHNICAL ENGINEERING INC	\$0	\$13,500	\$13,500	\$0
KNOWLAND CONSTRUCTION SERVICES	\$0	\$63,000	\$3,400	\$3,400
KOURY ENGINEERING & TESTING INC	\$0	\$13,300	\$13,300	\$0
LEIGHTON CONSULTING INC	\$0	\$20,000	\$14,772	\$0
NINYO & MOORE	\$0	\$413,255	\$2,355	\$2,355
ORANGE COUNTY HEALTH CARE AGENCY	\$0	\$1,470	\$1,470	\$0

	Budget	Year to Date Contracted	Year to Date Expense	Quarterly Expense Jul '18 - Sep '18
OUSD COST OF INTEREST DISTRIBUTION FY 16/17	\$0	\$3	\$3	\$0
OUSD REVOLVING CASH	\$0	\$500	\$500	\$0
P2S ENGINEERING INC	\$0	\$141,980	\$18,593	\$0
PCA ARBORISTS & CONSULTANTS INC	\$0	\$1,569	\$1,569	\$0
PENCO ENGINEERING INC	\$0	\$42,350	\$41,070	\$11,920
PLACEWORKS INC	\$0	\$139,290	\$120,812	\$34,424
PROVENCHER, GEORGE	\$0	\$720	\$720	\$0
PSOMAS	\$0	\$27,000	\$21,034	\$0
RMA GROUP	\$0	\$91,960	\$91,960	\$0
SEAN KHAN CONSULTING CO INC	\$0	\$257,322	\$0	\$0
SOUTHERN CALIFORNIA EDISON	\$0	\$13,577	\$10,577	\$6,912
SOUTHERN CALIFORNIA NEWS GROUP	\$0	\$17,198	\$8,198	\$0
SPECTRUM FIRE PROTECTION	\$0	\$1,000	\$1,000	\$0
STATE WATER RESOURCES CONTROL BOARD (SWRCB)	\$0	\$200	\$200	\$0
THE CONVERSE PROFESSIONAL GROUP	\$0	\$30,640	\$30,640	\$0
XICOTENCATL ENRIQUE SALAZAR	\$0	\$20,100	\$20,100	\$0
	<b>\$18,239,598</b>	<b>\$3,541,302</b>	<b>\$1,801,375</b>	<b>\$71,378</b>

**5. Contingency (Escalation,Construction,Project)**

01 Budget	\$48,698,202	\$0	\$0	\$0
	<b>\$48,698,202</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

<b>Science Center Total</b>	<b>\$207,845,399</b>	<b>\$29,490,274</b>	<b>\$11,519,842</b>	<b>\$1,233,690</b>
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<b>Allocated Total</b>	<b>\$208,381,664</b>	<b>\$29,794,531</b>	<b>\$11,778,050</b>	<b>\$1,491,898</b>
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**Unallocated**

**Phase II Projects**

**1. Unallocated Bond Funds**

01 Budget	\$79,827,410	\$0	\$0	\$0
	<b>\$79,827,410</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

<b>Phase II Projects Total</b>	<b>\$79,827,410</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
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<b>Unallocated Total</b>	<b>\$79,827,410</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
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### 3.1 Project Cost Estimate



#### Measure S Bond Program

#### Budget vs Actuals - By School and Budget Category with Vendor Detail

Monthly Progress Report August 2018

QSS Data thru 8/31/2018

	Budget	Year to Date Contracted	Year to Date Expense	Quarterly Expense Jul '18 - Sep '18
<b>Canyon High School</b>				
<b>390-9520 Canyon HS Science Center</b>				
<b>1. Design Cost</b>				
<b>1.01 Architect</b>				
01 Budget	\$3,222,114	\$0	\$0	\$0
GKKWORKS	\$0	\$3,207,430	\$2,113,521	\$204,670
LIONAKIS	\$0	\$14,058	\$14,058	\$0
	<b>\$3,222,114</b>	<b>\$3,221,488</b>	<b>\$2,127,579</b>	<b>\$204,670</b>
<b>2. Construction Cost</b>				
<b>2.01 Construction</b>				
01 Budget	\$37,998,360	\$0	\$0	\$0
	<b>\$37,998,360</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>3. Program and Construction Management</b>				
<b>3.01 Program Management Fees</b>				
01 Budget	\$1,760,204	\$0	\$0	\$0
CUMMING CONSTRUCTION MGMT INC	\$0	\$614,748	\$355,400	\$57,545
	<b>\$1,760,204</b>	<b>\$614,748</b>	<b>\$355,400</b>	<b>\$57,545</b>
<b>3.02 Construction Management Fees</b>				
01 Budget	\$2,579,884	\$0	\$0	\$0
GAFCON INC	\$0	\$2,579,884	\$467,365	\$97,928
	<b>\$2,579,884</b>	<b>\$2,579,884</b>	<b>\$467,365</b>	<b>\$97,928</b>
<b>4. Construction Support Costs</b>				
<b>4.01 Rental</b>				
01 Budget	\$257,322	\$0	\$0	\$0
SEAN KHAN CONSULTING CO INC	\$0	\$257,322	\$0	\$0
	<b>\$257,322</b>	<b>\$257,322</b>	<b>\$0</b>	<b>\$0</b>
<b>4.02 Title, Environmental, Stormwater Management</b>				
01 Budget	\$174,793	\$0	\$0	\$0
CHICAGO TITLE COMPANY	\$0	\$750	\$750	\$0
ENVIRONMENTAL AUDIT INC	\$0	\$50,800	\$21,375	\$3,989
OUSD COST OF INTEREST DISTRIBUTION FY 16/17	\$0	\$1	\$1	\$0
	<b>\$174,793</b>	<b>\$51,551</b>	<b>\$22,126</b>	<b>\$3,989</b>
<b>4.03 Commissioning</b>				
01 Budget	\$49,202	\$0	\$0	\$0

	Budget	Year to Date Contracted	Year to Date Expense	Quarterly Expense Jul '18 - Sep '18
P2S ENGINEERING INC	\$0	\$49,202	\$4,963	\$0
	<b>\$49,202</b>	<b>\$49,202</b>	<b>\$4,963</b>	<b>\$0</b>
<b>4.04 Builders Risk Insurance</b>				
01 Budget	\$0	\$0	\$0	\$0
	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>4.05 DSA Review Fees</b>				
01 Budget	\$780,310	\$0	\$0	\$0
DIVISION OF STATE ARCHITECT	\$0	\$494,050	\$494,050	\$0
	<b>\$780,310</b>	<b>\$494,050</b>	<b>\$494,050</b>	<b>\$0</b>
<b>4.06 Postage, Printing &amp; Advertising</b>				
01 Budget	\$75,997	\$0	\$0	\$0
AMERICAN REPROGRAPHICS CO LLC	\$0	\$12,867	\$2,867	\$0
SOUTHERN CALIFORNIA NEWS GROUP	\$0	\$3,352	\$352	\$0
	<b>\$75,997</b>	<b>\$16,219</b>	<b>\$3,219</b>	<b>\$0</b>
<b>4.07 DSA Inspection</b>				
01 Budget	\$664,971	\$0	\$0	\$0
	<b>\$664,971</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>4.08 DSA Construction Phase Testing</b>				
01 Budget	\$664,971	\$0	\$0	\$0
	<b>\$664,971</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>4.09 Relocation</b>				
01 Budget	\$0	\$0	\$0	\$0
	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>4.10 Labor Compliance</b>				
01 Budget	\$94,996	\$0	\$0	\$0
	<b>\$94,996</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>4.11 Preliminary Testing (Hazmat, Topo Survey, Geo)</b>				
01 Budget	\$728,994	\$0	\$0	\$0
C BELOW SUBSURFACE IMAGING	\$0	\$8,220	\$0	\$0
CALIFORNIA GEOLOGICAL SURVEY	\$0	\$3,600	\$3,600	\$0
HARRINGTON GEOTECHNICAL ENGINEERING INC	\$0	\$13,500	\$13,500	\$0
PROVENCHER, GEORGE	\$0	\$720	\$720	\$0
RMA GROUP	\$0	\$26,103	\$26,103	\$0
XICOTENCATL ENRIQUE SALAZAR	\$0	\$20,100	\$20,100	\$0
	<b>\$728,994</b>	<b>\$72,243</b>	<b>\$64,023</b>	<b>\$0</b>
<b>4.12 Utility Connection Fees (with Local Permittin</b>				
01 Budget	\$189,991	\$0	\$0	\$0
	<b>\$189,991</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>4.13 FF&amp;E (Laboratory Tables and Chairs, other)</b>				
01 Budget	\$1,519,934	\$0	\$0	\$0
	<b>\$1,519,934</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>4.14 IT Technology Infrastructure</b>				

	Budget	Year to Date Contracted	Year to Date Expense	Quarterly Expense Jul '18 - Sep '18
01 Budget	\$664,971	\$0	\$0	\$0
	<b>\$664,971</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>4.15 Legal Counsel</b>				
01 Budget	\$94,996	\$0	\$0	\$0
	<b>\$94,996</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>5. Contingency (Escalation,Construction,Project)</b>				
<b>5.01 Cost Escalation (thru mid-point of Constructi</b>				
01 Budget	\$5,937,244	\$0	\$0	\$0
	<b>\$5,937,244</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>5.02 Construction Phase Contingency</b>				
01 Budget	\$3,799,836	\$0	\$0	\$0
	<b>\$3,799,836</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>5.03 Project Contingency</b>				
01 Budget	\$8,240,910	\$0	\$0	\$0
	<b>\$8,240,910</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Total 390-9520 Canyon HS Science Center</b>	<b>\$69,500,000</b>	<b>\$7,356,706</b>	<b>\$3,538,724</b>	<b>\$364,131</b>
<b>Canyon High School</b>	<b>\$69,500,000</b>	<b>\$7,356,706</b>	<b>\$3,538,724</b>	<b>\$364,131</b>



**Measure S Bond Program**

**Budget vs Actuals - By School and Budget Category with Vendor Detail**

Monthly Progress Report August 2018

QSS Data thru 8/31/2018

	Budget	Year to Date Contracted	Year to Date Expense	Quarterly Expense Jul '18 - Sep '18
<b>El Modena High School</b>				
<b>391-9520 El Modena HS Science Center</b>				
<b>1. Design Cost</b>				
<b>1.01 Architect</b>				
01 Budget	\$1,956,708	\$0	\$0	\$0
HARLEY ELLIS DEVEREAUX	\$0	\$1,942,024	\$1,362,714	\$4,832
LIONAKIS	\$0	\$14,059	\$14,059	\$0
	<b>\$1,956,708</b>	<b>\$1,956,083</b>	<b>\$1,376,773</b>	<b>\$4,832</b>
<b>2. Construction Cost</b>				
<b>2.01 Construction</b>				
01 Budget	\$24,583,850	\$0	\$0	\$0
	<b>\$24,583,850</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>3. Program and Construction Management</b>				
<b>3.01 Program Management Fees</b>				
01 Budget	\$1,026,785	\$0	\$0	\$0
CUMMING CONSTRUCTION MGMT INC	\$0	\$524,726	\$235,565	\$39,379
	<b>\$1,026,785</b>	<b>\$524,726</b>	<b>\$235,565</b>	<b>\$39,379</b>
<b>3.02 Construction Management Fees</b>				
01 Budget	\$1,861,240	\$0	\$0	\$0
ARCADIS U.S. INC	\$0	\$1,861,240	\$399,205	\$33,700
	<b>\$1,861,240</b>	<b>\$1,861,240</b>	<b>\$399,205</b>	<b>\$33,700</b>
<b>4. Construction Support Costs</b>				
<b>4.01 Rental</b>				
01 Budget	\$0	\$0	\$0	\$0
	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>4.02 Title, Environmental, Stormwater Management</b>				
01 Budget	\$113,087	\$0	\$0	\$0
CHICAGO TITLE COMPANY	\$0	\$1,500	\$1,500	\$0
CITY OF ORANGE	\$0	\$71	\$71	\$0
ENVIRONMENTAL AUDIT INC	\$0	\$10,950	\$8,548	\$1,688
OUSD COST OF INTEREST DISTRIBUTION FY 16/17	\$0	\$1	\$1	\$0
	<b>\$113,087</b>	<b>\$12,522</b>	<b>\$10,119</b>	<b>\$1,688</b>
<b>4.03 Commissioning</b>				
01 Budget	\$30,558	\$0	\$0	\$0

	Budget	Year to Date Contracted	Year to Date Expense	Quarterly Expense Jul '18 - Sep '18
P2S ENGINEERING INC	\$0	\$30,558	\$4,930	\$0
	<b>\$30,558</b>	<b>\$30,558</b>	<b>\$4,930</b>	<b>\$0</b>
<b>4.04 Builders Risk Insurance</b>				
01 Budget	\$0	\$0	\$0	\$0
	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>4.05 DSA Review Fees</b>				
01 Budget	\$490,717	\$0	\$0	\$0
DIVISION OF STATE ARCHITECT	\$0	\$306,338	\$306,338	\$0
	<b>\$490,717</b>	<b>\$306,338</b>	<b>\$306,338</b>	<b>\$0</b>
<b>4.06 Postage, Printing &amp; Advertising</b>				
01 Budget	\$49,168	\$0	\$0	\$0
AMERICAN REPROGRAPHICS CO LLC	\$0	\$14,867	\$4,867	\$0
SOUTHERN CALIFORNIA NEWS GROUP	\$0	\$3,352	\$352	\$0
	<b>\$49,168</b>	<b>\$18,218</b>	<b>\$5,218</b>	<b>\$0</b>
<b>4.07 DSA Inspection</b>				
01 Budget	\$430,217	\$0	\$0	\$0
	<b>\$430,217</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>4.08 DSA Construction Phase Testing</b>				
01 Budget	\$430,217	\$0	\$0	\$0
	<b>\$430,217</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>4.09 Relocation</b>				
01 Budget	\$0	\$0	\$0	\$0
	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>4.10 Labor Compliance</b>				
01 Budget	\$61,460	\$0	\$0	\$0
	<b>\$61,460</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>4.11 Preliminary Testing (Hazmat, Topo Survey, Geo)</b>				
01 Budget	\$487,459	\$0	\$0	\$0
ALLEGIAN FIRE PROTECTION INC	\$0	\$525	\$525	\$0
CALIFORNIA GEOLOGICAL SURVEY	\$0	\$3,600	\$3,600	\$0
ENVIRONMENTAL NETWORK CORPORATION	\$0	\$6,000	\$0	\$0
HARLEY ELLIS DEVEREAUX	\$0	\$14,908	\$13,608	\$0
PCA ARBORISTS & CONSULTANTS INC	\$0	\$1,569	\$1,569	\$0
THE CONVERSE PROFESSIONAL GROUP	\$0	\$30,640	\$30,640	\$0
	<b>\$487,459</b>	<b>\$57,242</b>	<b>\$49,942</b>	<b>\$0</b>
<b>4.12 Utility Connection Fees (with Local Permittin</b>				
01 Budget	\$122,919	\$0	\$0	\$0
SOUTHERN CALIFORNIA EDISON	\$0	\$3,665	\$3,665	\$0
	<b>\$122,919</b>	<b>\$3,665</b>	<b>\$3,665</b>	<b>\$0</b>
<b>4.13 FF&amp;E (Laboratory Tables and Chairs, other)</b>				
01 Budget	\$983,354	\$0	\$0	\$0
	<b>\$983,354</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

	Budget	Year to Date Contracted	Year to Date Expense	Quarterly Expense Jul '18 - Sep '18
<b>4.14 IT Technology Infrastructure</b>				
01 Budget	\$430,217	\$0	\$0	\$0
	<b>\$430,217</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>4.15 Legal Counsel</b>				
01 Budget	\$61,460	\$0	\$0	\$0
	<b>\$61,460</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>4.16 Miscellaneous Fees</b>				
01 Budget	\$0	\$0	\$0	\$0
	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>5. Contingency (Escalation,Construction,Project)</b>				
<b>5.01 Cost Escalation (thru mid-point of Constructi</b>				
01 Budget	\$3,201,022	\$0	\$0	\$0
	<b>\$3,201,022</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>5.02 Construction Phase Contingency</b>				
01 Budget	\$2,458,385	\$0	\$0	\$0
	<b>\$2,458,385</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>5.03 Project Contingency</b>				
01 Budget	\$1,977,988	\$0	\$0	\$0
	<b>\$1,977,988</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Total 391-9520 El Modena HS Science Center</b>	<b>\$40,756,811</b>	<b>\$4,770,592</b>	<b>\$2,391,757</b>	<b>\$79,599</b>
<b>El Modena High School</b>	<b>\$40,756,811</b>	<b>\$4,770,592</b>	<b>\$2,391,757</b>	<b>\$79,599</b>



**Measure S Bond Program**

**Budget vs Actuals - By School and Budget Category with Vendor Detail**

Monthly Progress Report August 2018

QSS Data thru 8/31/2018

	Budget	Year to Date Contracted	Year to Date Expense	Quarterly Expense Jul '18 - Sep '18
<b>Orange High School</b>				
<b>392-9520 Orange HS Science Bldg (DSA 04-116859)</b>				
<b>1. Design Cost</b>				
<b>1.01 Architect</b>				
LIONAKIS	\$0	\$2,303,002	\$1,655,426	\$50,678
	<b>\$0</b>	<b>\$2,303,002</b>	<b>\$1,655,426</b>	<b>\$50,678</b>
<b>2. Construction Cost</b>				
<b>2.01 Main Building Contractor</b>				
01 Budget	\$26,718,032	\$0	\$0	\$0
GIANNELLI ELECTRIC INC	\$0	\$6,690	\$0	\$0
J & A FENCE	\$0	\$6,885	\$0	\$0
KYA SERVICES LLC	\$0	\$20,824	\$0	\$0
OLESH, KEITH	\$0	\$1,500	\$0	\$0
	<b>\$26,718,032</b>	<b>\$35,899</b>	<b>\$0</b>	<b>\$0</b>
<b>2.02 Demolition</b>				
01 Budget	\$69,608	\$0	\$0	\$0
GIANNELLI ELECTRIC INC	\$0	\$14,878	\$14,878	\$0
INTEGRATED DEMOLITION AND REMEDIATION	\$0	\$44,800	\$44,800	\$0
TIME & ALARM SYSTEMS	\$0	\$3,100	\$3,100	\$0
UNIVERSAL ASPHALT CO	\$0	\$6,830	\$6,830	\$0
	<b>\$69,608</b>	<b>\$69,608</b>	<b>\$69,608</b>	<b>\$0</b>
<b>2.03 Other Construction</b>				
CITY OF ORANGE	\$0	\$2,000	\$2,000	\$0
GIANNELLI ELECTRIC INC	\$0	\$13,730	\$13,730	\$13,730
GRUETT TREE CO INC	\$0	\$7,625	\$7,625	\$0
SOUTHERN CALIFORNIA NEWS GROUP	\$0	\$0	\$0	\$0
	<b>\$0</b>	<b>\$23,355</b>	<b>\$23,355</b>	<b>\$13,730</b>
<b>2.04 Retentions</b>				
SOUTHERN CALIFORNIA NEWS GROUP	\$0	\$0	\$0	\$0
	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>3. Program and Construction Management</b>				
<b>3.01 Program Management Fees</b>				
CUMMING CONSTRUCTION MGMT INC	\$0	\$576,735	\$287,051	\$47,656
	<b>\$0</b>	<b>\$576,735</b>	<b>\$287,051</b>	<b>\$47,656</b>
<b>3.02 Construction Management Fees</b>				

	Budget	Year to Date Contracted	Year to Date Expense	Quarterly Expense Jul '18 - Sep '18
BALFOUR BEATTY CONSTRUCTION	\$0	\$1,640,520	\$302,605	\$46,440
	<b>\$0</b>	<b>\$1,640,520</b>	<b>\$302,605</b>	<b>\$46,440</b>
<b>4. Construction Support Costs</b>				
<b>4.02 Title, Environmental, Stormwater Management</b>				
CHICAGO TITLE COMPANY	\$0	\$1,500	\$1,500	\$0
OUSD COST OF INTEREST DISTRIBUTION FY 16/17	\$0	\$1	\$1	\$0
PLACEWORKS INC	\$0	\$52,231	\$52,231	\$0
STATE WATER RESOURCES CONTROL BOARD (SWRCB)	\$0	\$200	\$200	\$0
	<b>\$0</b>	<b>\$53,932</b>	<b>\$53,932</b>	<b>\$0</b>
<b>4.03 Commissioning</b>				
P2S ENGINEERING INC	\$0	\$30,585	\$5,000	\$0
	<b>\$0</b>	<b>\$30,585</b>	<b>\$5,000</b>	<b>\$0</b>
<b>4.05 DSA Review Fees</b>				
DIVISION OF STATE ARCHITECT	\$0	\$252,750	\$252,750	\$0
OUSD REVOLVING CASH	\$0	\$500	\$500	\$0
	<b>\$0</b>	<b>\$253,250</b>	<b>\$253,250</b>	<b>\$0</b>
<b>4.06 Postage, Printing &amp; Advertising</b>				
AMERICAN REPROGRAPHICS CO LLC	\$0	\$10,000	\$3,381	\$3,381
SOUTHERN CALIFORNIA EDISON	\$0	\$3,000	\$0	\$0
	<b>\$0</b>	<b>\$13,000</b>	<b>\$3,381</b>	<b>\$3,381</b>
<b>4.11 Preliminary Testing (Hazmat, Topo Survey, Geo)</b>				
CALIFORNIA GEOLOGICAL SURVEY	\$0	\$3,600	\$3,600	\$0
KOURY ENGINEERING & TESTING INC	\$0	\$13,300	\$13,300	\$0
PENCO ENGINEERING INC	\$0	\$42,350	\$41,070	\$11,920
RMA GROUP	\$0	\$49,533	\$49,533	\$0
	<b>\$0</b>	<b>\$108,783</b>	<b>\$107,503</b>	<b>\$11,920</b>
<b>4.12 Utility Connection Fees (with Local Permittin</b>				
CITY OF ORANGE	\$0	\$2,500	\$2,500	\$0
SOUTHERN CALIFORNIA EDISON	\$0	\$6,912	\$6,912	\$6,912
	<b>\$0</b>	<b>\$9,412</b>	<b>\$9,412</b>	<b>\$6,912</b>
<b>4.13 FF&amp;E (Laboratory Tables and Chairs, other)</b>				
CONEXWEST	\$0	\$9,466	\$0	\$0
	<b>\$0</b>	<b>\$9,466</b>	<b>\$0</b>	<b>\$0</b>
<b>4.14 IT Technology Infrastructure</b>				
ACCO ENGINEERED SYSTEMS INC	\$0	\$62,883	\$0	\$0
	<b>\$0</b>	<b>\$62,883</b>	<b>\$0</b>	<b>\$0</b>
<b>4.16 Miscellaneous Fees</b>				
01 Budget	\$0	\$0	\$0	\$0
	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>5. Contingency (Escalation,Construction,Project)</b>				
<b>5.02 Construction Phase Contingency</b>				

	Budget	Year to Date Contracted	Year to Date Expense	Quarterly Expense Jul '18 - Sep '18
01 Budget	\$2,679,526	\$0	\$0	\$0
	<b>\$2,679,526</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Total 392-9520 Orange HS Science Bldg (DSA 04-116859)</b>	<b>\$29,467,166</b>	<b>\$5,190,428</b>	<b>\$2,770,522</b>	<b>\$180,718</b>
<b>392-9520 Orange HS Site Improvements (DSA 04-116673)</b>				
<b>1. Design Cost</b>				
<b>1.01 Architect</b>				
01 Budget	\$2,333,309	\$0	\$0	\$0
SILVER CREEK INDUSTRIES INC	\$0	\$29,682	\$29,682	\$0
	<b>\$2,333,309</b>	<b>\$29,682</b>	<b>\$29,682</b>	<b>\$0</b>
<b>2. Construction Cost</b>				
<b>2.03 Other Construction</b>				
01 Budget	\$6,287,050	\$0	\$0	\$0
SWINERTON BUILDERS	\$0	\$5,667,152	\$336,829	\$336,829
	<b>\$6,287,050</b>	<b>\$5,667,152</b>	<b>\$336,829</b>	<b>\$336,829</b>
<b>2.04 Retentions</b>				
01 Budget	\$298,272	\$0	\$0	\$0
SWINERTON BUILDERS	\$0	\$298,272	\$0	\$0
	<b>\$298,272</b>	<b>\$298,272</b>	<b>\$0</b>	<b>\$0</b>
<b>3. Program and Construction Management</b>				
<b>3.01 Program Management Fees</b>				
01 Budget	\$1,338,488	\$0	\$0	\$0
	<b>\$1,338,488</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>3.02 Construction Management Fees</b>				
01 Budget	\$1,640,520	\$0	\$0	\$0
	<b>\$1,640,520</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>4. Construction Support Costs</b>				
<b>4.01 Rental</b>				
01 Budget	\$0	\$0	\$0	\$0
	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>4.02 Title, Environmental, Stormwater Management</b>				
01 Budget	\$150,700	\$0	\$0	\$0
ORANGE COUNTY HEALTH CARE AGENCY	\$0	\$1,470	\$1,470	\$0
	<b>\$150,700</b>	<b>\$1,470</b>	<b>\$1,470</b>	<b>\$0</b>
<b>4.03 Commissioning</b>				
01 Budget	\$30,585	\$0	\$0	\$0
	<b>\$30,585</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>4.04 Builders Risk Insurance</b>				
01 Budget	\$0	\$0	\$0	\$0
	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

	Budget	Year to Date Contracted	Year to Date Expense	Quarterly Expense Jul '18 - Sep '18
<b>4.05 DSA Review Fees</b>				
01 Budget	\$526,385	\$0	\$0	\$0
DIVISION OF STATE ARCHITECT	\$0	\$27,430	\$27,430	\$0
	<b>\$526,385</b>	<b>\$27,430</b>	<b>\$27,430</b>	<b>\$0</b>
<b>4.06 Postage, Printing &amp; Advertising</b>				
01 Budget	\$65,521	\$0	\$0	\$0
AMERICAN REPROGRAPHICS CO LLC	\$0	\$8,511	\$8,511	\$0
SOUTHERN CALIFORNIA NEWS GROUP	\$0	\$7,142	\$7,142	\$0
	<b>\$65,521</b>	<b>\$15,654</b>	<b>\$15,654</b>	<b>\$0</b>
<b>4.07 DSA Inspection</b>				
01 Budget	\$573,312	\$0	\$0	\$0
KNOWLAND CONSTRUCTION SERVICES	\$0	\$63,000	\$3,400	\$3,400
	<b>\$573,312</b>	<b>\$63,000</b>	<b>\$3,400</b>	<b>\$3,400</b>
<b>4.08 DSA Construction Phase Testing</b>				
01 Budget	\$573,312	\$0	\$0	\$0
NINYO & MOORE	\$0	\$113,255	\$2,355	\$2,355
	<b>\$573,312</b>	<b>\$113,255</b>	<b>\$2,355</b>	<b>\$2,355</b>
<b>4.09 Relocation</b>				
01 Budget	\$0	\$0	\$0	\$0
	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>4.10 Labor Compliance</b>				
01 Budget	\$81,902	\$0	\$0	\$0
	<b>\$81,902</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>4.11 Preliminary Testing (Hazmat, Topo Survey, Geo)</b>				
01 Budget	\$698,587	\$0	\$0	\$0
ENVIRONMENTAL NETWORK CORPORATION	\$0	\$5,000	\$3,310	\$3,310
	<b>\$698,587</b>	<b>\$5,000</b>	<b>\$3,310</b>	<b>\$3,310</b>
<b>4.12 Utility Connection Fees (with Local Permittin</b>				
01 Budget	\$163,803	\$0	\$0	\$0
	<b>\$163,803</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>4.13 FF&amp;E (Laboratory Tables and Chairs, other)</b>				
01 Budget	\$1,310,428	\$0	\$0	\$0
	<b>\$1,310,428</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>4.14 IT Technology Infrastructure</b>				
01 Budget	\$573,312	\$0	\$0	\$0
ACCO ENGINEERED SYSTEMS INC	\$0	\$209,074	\$0	\$0
	<b>\$573,312</b>	<b>\$209,074</b>	<b>\$0</b>	<b>\$0</b>
<b>4.15 Legal Counsel</b>				
01 Budget	\$81,902	\$0	\$0	\$0
	<b>\$81,902</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**5. Contingency (Escalation,Construction,Project)**

	Budget	Year to Date Contracted	Year to Date Expense	Quarterly Expense Jul '18 - Sep '18
<b>5.01 Cost Escalation (thru mid-point of Constructi</b>				
01 Budget	\$2,087,346	\$0	\$0	\$0
	<b>\$2,087,346</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>5.03 Project Contingency</b>				
01 Budget	\$4,106,688	\$0	\$0	\$0
	<b>\$4,106,688</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Total 392-9520 Orange HS Site Improvements (DSA 04-116673)</b>	<b>\$22,921,422</b>	<b>\$6,429,988</b>	<b>\$420,130</b>	<b>\$345,894</b>
<b>Orange High School</b>	<b>\$52,388,588</b>	<b>\$11,620,416</b>	<b>\$3,190,651</b>	<b>\$526,612</b>



**Measure S Bond Program**

**Budget vs Actuals - By School and Budget Category with Vendor Detail**

Monthly Progress Report August 2018

QSS Data thru 8/31/2018

	Budget	Year to Date Contracted	Year to Date Expense	Quarterly Expense Jul '18 - Sep '18
<b>Villa Park High School</b>				
<b>394-9520 Villa Park HS Science Center</b>				
<b>1. Design Cost</b>				
<b>1.01 Architect</b>				
01 Budget	\$2,236,042	\$0	\$0	\$0
LIONAKIS	\$0	\$14,059	\$14,059	\$0
LPA INC	\$0	\$2,221,358	\$1,374,811	\$124,006
	<b>\$2,236,042</b>	<b>\$2,235,417</b>	<b>\$1,388,870</b>	<b>\$124,006</b>
<b>2. Construction Cost</b>				
<b>2.01 Main Building Contractor</b>				
01 Budget	\$18,065,614	\$0	\$0	\$0
	<b>\$18,065,614</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>2.02 Demolition</b>				
01 Budget	\$442,500	\$0	\$0	\$0
	<b>\$442,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>2.03 Other Construction</b>				
01 Budget	\$3,589,454	\$0	\$0	\$0
	<b>\$3,589,454</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>3. Program and Construction Management</b>				
<b>3.01 Program Management Fees</b>				
01 Budget	\$1,155,135	\$0	\$0	\$0
CUMMING CONSTRUCTION MGMT INC	\$0	\$566,731	\$241,248	\$27,268
	<b>\$1,155,135</b>	<b>\$566,731</b>	<b>\$241,248</b>	<b>\$27,268</b>
<b>3.02 Construction Management Fees</b>				
01 Budget	\$1,744,430	\$0	\$0	\$0
CORDOBA CORPORATION	\$0	\$1,744,430	\$421,905	\$77,650
	<b>\$1,744,430</b>	<b>\$1,744,430</b>	<b>\$421,905</b>	<b>\$77,650</b>
<b>4. Construction Support Costs</b>				
<b>4.01 Rental</b>				
01 Budget	\$478,688	\$0	\$0	\$0
ELITE MODULAR LEASING & SALES INC	\$0	\$478,688	\$0	\$0
	<b>\$478,688</b>	<b>\$478,688</b>	<b>\$0</b>	<b>\$0</b>
<b>4.02 Title, Environmental, Stormwater Management</b>				

	Budget	Year to Date Contracted	Year to Date Expense	Quarterly Expense Jul '18 - Sep '18
01 Budget	\$101,650	\$0	\$0	\$0
CHICAGO TITLE COMPANY	\$0	\$750	\$750	\$0
OUSD COST OF INTEREST DISTRIBUTION FY 16/17	\$0	\$1	\$1	\$0
PLACEWORKS INC	\$0	\$87,059	\$68,581	\$34,424
	<b>\$101,650</b>	<b>\$87,810</b>	<b>\$69,332</b>	<b>\$34,424</b>
<b>4.03 Commissioning</b>				
01 Budget	\$31,635	\$0	\$0	\$0
P2S ENGINEERING INC	\$0	\$31,635	\$3,700	\$0
	<b>\$31,635</b>	<b>\$31,635</b>	<b>\$3,700</b>	<b>\$0</b>
<b>4.04 Builders Risk Insurance</b>				
01 Budget	\$0	\$0	\$0	\$0
	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>4.05 DSA Review Fees</b>				
01 Budget	\$377,098	\$0	\$0	\$0
DIVISION OF STATE ARCHITECT	\$0	\$211,366	\$211,366	\$0
	<b>\$377,098</b>	<b>\$211,366</b>	<b>\$211,366</b>	<b>\$0</b>
<b>4.06 Postage, Printing &amp; Advertising</b>				
01 Budget	\$44,195	\$0	\$0	\$0
AMERICAN REPROGRAPHICS CO LLC	\$0	\$15,206	\$5,206	\$0
SOUTHERN CALIFORNIA NEWS GROUP	\$0	\$3,352	\$352	\$0
	<b>\$44,195</b>	<b>\$18,558</b>	<b>\$5,558</b>	<b>\$0</b>
<b>4.07 DSA Inspection</b>				
01 Budget	\$386,707	\$0	\$0	\$0
	<b>\$386,707</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>4.08 DSA Construction Phase Testing</b>				
01 Budget	\$386,707	\$0	\$0	\$0
NINYO & MOORE	\$0	\$300,000	\$0	\$0
	<b>\$386,707</b>	<b>\$300,000</b>	<b>\$0</b>	<b>\$0</b>
<b>4.09 Relocation</b>				
01 Budget	\$0	\$0	\$0	\$0
	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>4.10 Labor Compliance</b>				
01 Budget	\$55,244	\$0	\$0	\$0
	<b>\$55,244</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>4.11 Preliminary Testing (Hazmat, Topo Survey, Geo)</b>				
01 Budget	\$459,302	\$0	\$0	\$0
CALIFORNIA GEOLOGICAL SURVEY	\$0	\$3,600	\$3,600	\$0
LEIGHTON CONSULTING INC	\$0	\$20,000	\$14,772	\$0
PSOMAS	\$0	\$27,000	\$21,034	\$0
RMA GROUP	\$0	\$16,325	\$16,325	\$0
SPECTRUM FIRE PROTECTION	\$0	\$1,000	\$1,000	\$0
	<b>\$459,302</b>	<b>\$67,925</b>	<b>\$56,731</b>	<b>\$0</b>
<b>4.12 Utility Connection Fees (with Local Permittin</b>				

	Budget	Year to Date Contracted	Year to Date Expense	Quarterly Expense Jul '18 - Sep '18
01 Budget	\$110,488	\$0	\$0	\$0
	<b>\$110,488</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>4.13 FF&amp;E (Laboratory Tables and Chairs, other)</b>				
01 Budget	\$883,903	\$0	\$0	\$0
	<b>\$883,903</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>4.14 IT Technology Infrastructure</b>				
01 Budget	\$386,707	\$0	\$0	\$0
	<b>\$386,707</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>4.15 Legal Counsel</b>				
01 Budget	\$55,244	\$0	\$0	\$0
	<b>\$55,244</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>5. Contingency (Escalation,Construction,Project)</b>				
<b>5.01 Cost Escalation (thru mid-point of Constructi</b>				
01 Budget	\$2,647,105	\$0	\$0	\$0
	<b>\$2,647,105</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>5.02 Construction Phase Contingency</b>				
01 Budget	\$2,209,756	\$0	\$0	\$0
	<b>\$2,209,756</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>5.03 Project Contingency</b>				
01 Budget	\$9,352,396	\$0	\$0	\$0
	<b>\$9,352,396</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Total 394-9520 Villa Park HS Science Center</b>	<b>\$45,200,000</b>	<b>\$5,742,559</b>	<b>\$2,398,710</b>	<b>\$263,348</b>
<b>Villa Park High School</b>	<b>\$45,200,000</b>	<b>\$5,742,559</b>	<b>\$2,398,710</b>	<b>\$263,348</b>

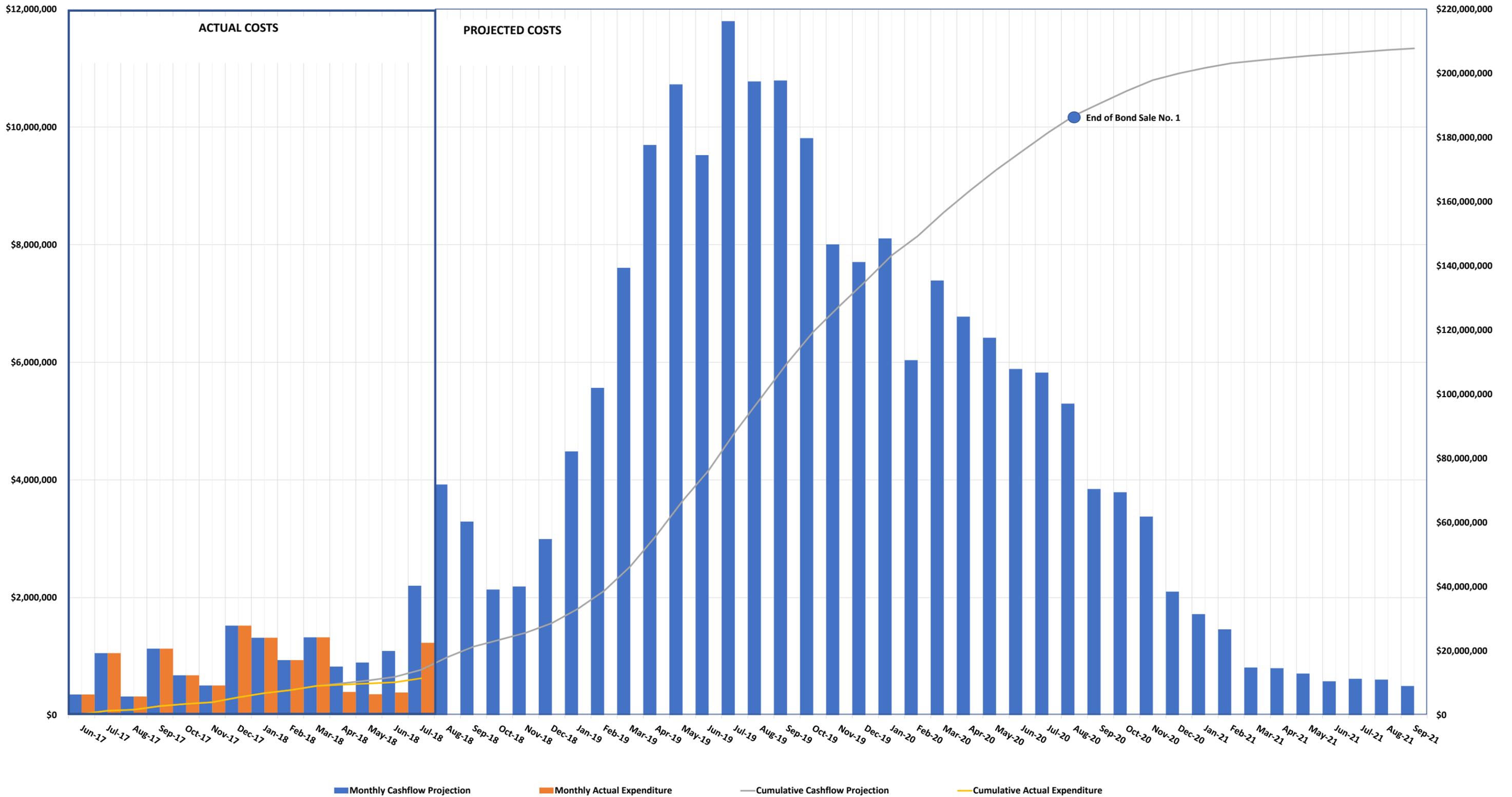


# MEASURE S BOND PROGRAM - SCIENCE CENTER CASH FLOW PROJECTION

Actual Costs thru July 31, 2018

Projected Costs thru September 30, 2021

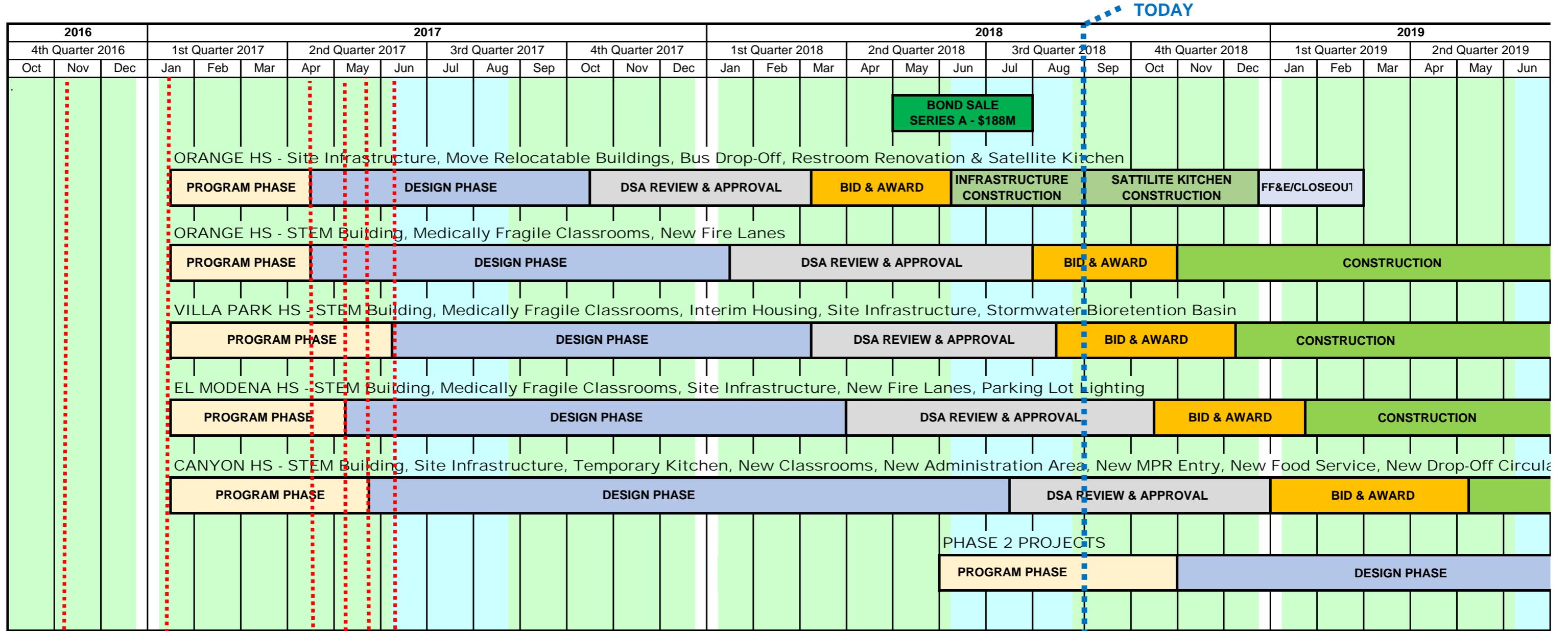
## 3.2 Cash Flow Projections





# MEASURE S BOND PROGRAM - PROGRAM SCHEDULE SUMMARY

## 4.0 Program Summary Schedule



TODAY

- Villa Park HS Schematic Design & Budget Approved 6/8/17
- Canyon HS Schematic Design & Budget Approved 5/25/17
- El Modena HS Schematic Design & Budget Approved 5/11/17
- Orange HS Schematic Design & Budget Approved 4/13/17
- Program Manager Starts Work 1/17/17
- Bond Measure S Passes by 62% on 11/8/17



**Board of Education**

Alexia Deligianni-Brydges, Ed. D, President

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Timothy Surridge, Clerk

Andrea Yamasaki

Rick Ledesma

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Gunn Marie Hansen, Ph.D.

**Superintendent**

David A. Rivera

**Assistant Superintendent/CBO**

**Business Services**

Scott Harvey

**Interim Senior Executive Director**

**Administrative Services**



Facilities & Planning Department

Measure S Bond Program

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