



# ORANGE UNIFIED SCHOOL DISTRICT

## Measure S Bond Program

### July 2018 Monthly Progress Report



**PERIOD COVERED:**

July 1-30, 2018

**FISCAL YEAR**

FY 2017-2018

**PROGRESS REPORT NO.**

PR-012-1718-013

**PREPARED BY:**

**CUMMING**  
Building Value Through Expertise



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## 1.0 EXECUTIVE SUMMARY

### 1.1 Program Summary

All Science Center projects are currently in the DSA review and approval phase.

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

- September 2018 - Villa Park HS Science Center
- October 2018 - El Modena HS Science Center
- December 2018 - Canyon HS Science Center
- (Completed) July 12, 2018 - Orange HS Science Center (Increment # 2) (04-116859)
- (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) April 10, 2018 Orange HS Satellite Kitchen (04-116673.2)

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

- November 2018 – Orange HS Science Center (Increment #2)
- December 2018 – Villa Park HS 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

**July 26 Approved Board of Education Items**

- California Environmental Quality Act (CEQA) Categorical Exemption at Canyon HS, approving filing and recordation of Notice of Exemption and approving project.

**Program Budget Update**

- The Program Manager to issue updated budgets in the May 2018 Monthly Report, 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 Program Manager issued an updated program schedule in the May 2018 Monthly Report, based upon the updated schedules completed by the Construction Managers based upon the 50% Construction Documents.

### **Phase 2**

- Superintendent to work with the Board regarding the Master Plan and Phase II updates.
- As of 7/3/18, the District and Program Manager discussed the overall OUSD impact and the best direction for these funds to be allocated.
- On 5/18/18, the District and Program Manager reviewed the Unallocated Funds Budget and concluded that the 4/12 schedule below 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 8/16/18 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**

- On 7/3/18 and on 6/25/18, the Business Office and Program Manager have discussed the items further and will be making a recommendation to the Executive Cabinet on Phase I construction.
- 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 7/31/18, 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 \$160,485.64.
- 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
- 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**

- On 7/6/18, current contractor prequalification includes:
  - 21 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 also 66 Mechanical / Electrical / Plumbing contractors'.
  - 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 marketing will resume shortly for Orange HS Increment 2 Science Center.
- Prospective contractors continue to submit pre-qualification applications, which continue to be reviewed by the District and the Program Manager on a rolling basis.
- On 4/26/18, the Pre-Qualification List for the Orange HS Increment #1 Site Infrastructure Upgrade Project was closed with 86 firms. The District continues review and scoring of Contractor Pre-Qualification Applications for all other Measure S Projects.

### **Project Achievements**

- 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).
- 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).

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

### **Board of Education Agenda**

#### **Aug 16 Tentative**

- California Environmental Quality Act (CEQA) Categorical Exemption at Villa Park HS.
- Procure Owner Furnished Contractor Installed (OFCI) Electrical System Equipment for the El Modena High School STEM Building using CMAS Agreement (approved by Electrical Engineer), for a cost of \$345,583.96.

### **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:
  - Sep 2018 – Anticipated DSA Approval for Villa Park HS STEM Building.
  - Oct 2018 – Anticipated DSA Approval for El Modena HS STEM Building.
  - Nov 2018 – Anticipated DSA Approval for Canyon HS STEM Building.



- 
- Review Construction Management Plans by Construction Managers for inclusion into the PMP.
  - 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

CANYON HIGH SCHOOL  
New STEM Building



EL MODENA SCIENCE CENTER  
05.14.2017

Overall View

HED  
10



Orange High School Science Center



ST. VILLA PARK HIGH SCHOOL

LPA





## 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> |
|---|---|

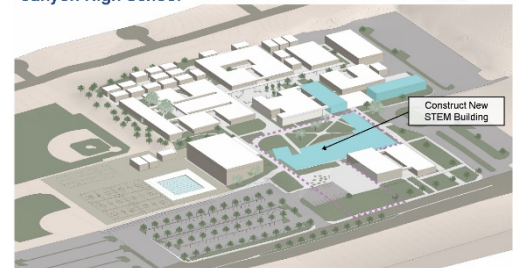
### Project Update (Design):

- The DSA Review & Approval phase continues for (STEM Building, Site Infrastructure, Temporary Kitchen, New Classrooms, New Administration Area, New MPR Entry, New Food Service, New Drop-Off Circulation, 100 New Parking Spaces, New Parking Lot Lighting) (DSA Application #04-117300). The DSA approval is now anticipated in December 2018, with the start of construction to remain as originally scheduled for May 2019.
- On 7/13/18, the Architect submitted the 100% Construction Documents (CDs) to DSA. This re-submission will reflect a 45-day delay on the final anticipated DSA approval.
- 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.

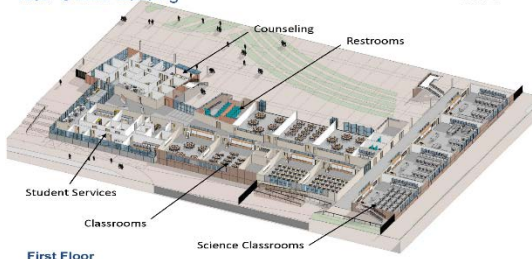
Canyon High School  
New STEM Building



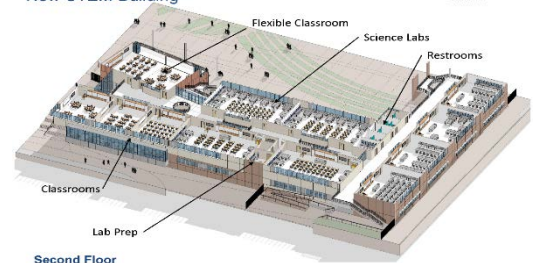
Canyon High School



Canyon High School  
New STEM Building



Canyon High School  
New STEM Building





## EL MODENA HS SCIENCE CENTER

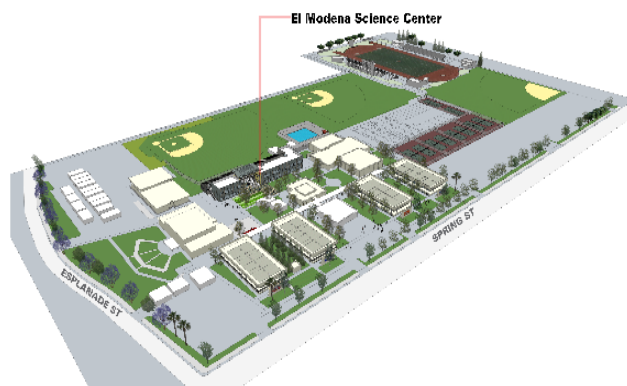
- |   |  |
|---|--|
| <ul style="list-style-type: none"><li>• 12 Laboratory Rooms</li><li>• 1 General Classrooms</li><li>• 2 Medically Fragile Classrooms</li></ul> | <ul style="list-style-type: none"><li>• Relocation of Campus MDF</li><li>• Technology &amp; Utility Upgrade</li><li>• Landscape Improvements</li></ul> |
|---|--|

### Project Update (Design):

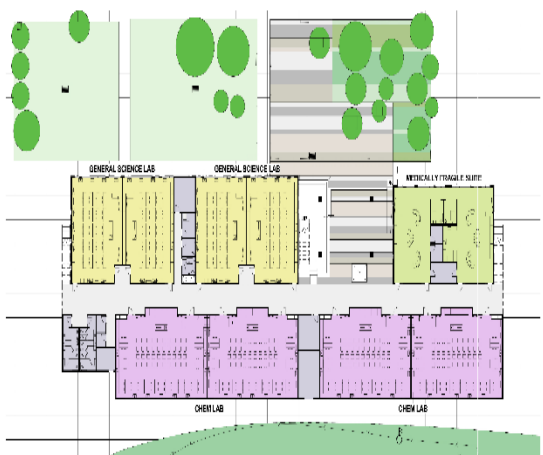
- As of 7/31/18, the DSA Review & Approval phase continues for the (STEM Building, Medically Fragile Classrooms, Site Infrastructure, New Fire Lanes, New Parking Lot Lighting) (DSA Application #04-117098). The Architect submitted the 100% Construction Documents to DSA on 3/30/18 and DSA's comments were 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.



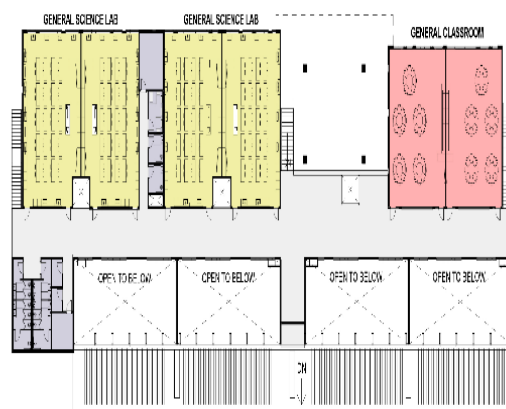
EL MODENA SCIENCE CENTER Overall View 05.11.2017 HED



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

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>Site Utility &amp; Infrastructure Upgrade</li> </ul> | <ul style="list-style-type: none"> <li>Relocate (5) and Demolish (4) of portable classroom buildings</li> </ul> |
|---|---|

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

- As of 7/31/18, the following Change Directives were issued to the Contractor to keep work moving; [CD-1](#) (NTE \$33,500 for Asbestos & Lead abatement); [CD-2](#) (NTE \$11,000 for removals to accommodate modular installation), [yields 0.75% of 10% 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.
- The Construction Manager is reviewing the General Contractor's preliminary submittals; SOV, Baseline Schedule, and Safety Plan, reviewed by the CM and are due to be submitted to the Program Manager for final acceptance.

[See Construction Photo's below:](#)



The Bus drop off area, curb form (entrance off Walnut).



Electric gear and transformers.



Modular relocations preparation.





## 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):

- On 7/12/18, received DSA Science Center (04-116859) plans approved.
- Architect responded to DSA comments, conducted pre-back check submission with DSA on 7/2/18.
- Construction is tentatively scheduled to start in November 2018.



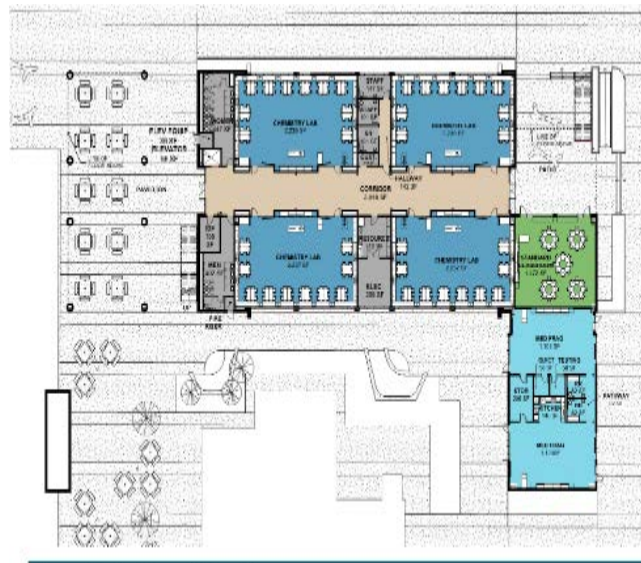
Orange High School Science Center



Orange High School Science Center



Science Center Second Floor Plan



Science Center Ground Floor Plan



## VILLA PARK HS SCIENCE CENTER

- 12 Laboratory Rooms
- 2 General Classrooms
- 2 Medically Fragile Classrooms

- Demolish existing building 300
- Install 10 New Portable Buildings

### Project Update (Design):

- The DSA Review & Approval phase continues for the (STEM Building, Medically Fragile Classrooms, Interim Housing, Site Infrastructure, Storm Water Bioretention Basin) (DSA Application #04-117022), DSA approval is anticipated by September 2018.
- 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 8/16/18 Board Meeting.
- Construction is tentatively scheduled to start in December 2018.



### 3.0 Financial Report



#### Measure S Bond Program

#### Budget vs Actuals - Program Summary, By Budget Category

#### Project Cost Estimate - 50% DSA Construction Documents

#### Monthly Progress Report July 2018

QSS Data as of 7/31/18

	Budget	Year to Date Contracted	Year to Date Expense	Quarterly Expense (Jul '18 - Sep '18)
<b>Allocated Funds</b>				
<b>Science Center</b>				
1. Design Cost	\$9,748,173	\$9,745,672	\$6,472,886	\$278,742
2. Construction Cost	\$117,456,198	\$6,058,387	\$429,793	\$350,560
3. Program and Construction Management	\$13,106,687	\$9,452,028	\$2,669,625	\$386,847
* 4. Construction Support Costs	\$18,244,327	\$3,133,875	\$1,782,297	\$52,300
5. Contingency (Escalation,Construction,Project)	\$49,290,014	\$0	\$0	\$0
	<b>\$207,845,399</b>	<b>\$28,389,962</b>	<b>\$11,354,600</b>	<b>\$1,068,448</b>
<b>IP Surveillance Camera and Systems</b>				
1. FF&E (Camera and Systems)	\$304,258	\$304,257	\$163,155	\$163,155
2. Contingency (Escalation,Construction,Project)	\$22,933	\$0	\$0	\$0
	<b>\$327,191</b>	<b>\$304,257</b>	<b>\$163,155</b>	<b>\$163,155</b>
	<b>\$208,172,590</b>	<b>\$28,694,219</b>	<b>\$11,517,755</b>	<b>\$1,231,603</b>
<b>Unallocated Funds</b>				
<b>Phase II Projects</b>				
1. Unallocated Bond Funds	\$79,827,410	\$0	\$0	\$0
	<b>\$79,827,410</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
	<b>\$79,827,410</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Total Bond Program</b>	<b>\$288,000,000</b>	<b>\$28,694,219</b>	<b>\$11,517,755</b>	<b>\$1,231,603</b>



### 3.1 Project Budget Estimate



#### Measure S Bond Program

#### Budget vs Actuals - Program Summary, By School w/ Budget Category

#### Project Budget Estimate - 50% DSA Construction Documents

Monthly Progress Report July 2018

QSS Data as of 7/31/18

	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>				
1. Design Cost	\$3,222,114	\$3,221,488	\$2,127,579	\$204,670
2. Construction Cost	\$37,998,360	\$0	\$0	\$0
3. Program and Construction Management	\$4,340,089	\$3,121,002	\$811,880	\$144,588
* 4. Construction Support Costs	\$5,961,447	\$919,366	\$587,106	\$2,715
5. Contingency (Escalation,Construction,Project)	\$17,977,990	\$0	\$0	\$0
	<b>\$69,500,000</b>	<b>\$7,261,856</b>	<b>\$3,526,565</b>	<b>\$351,973</b>
<b>390-0000 Canyon HS IP Surveillance Camera and Systems</b>				
1. FF&E (Camera and Systems)	\$54,593	\$54,593	\$23,908	\$23,908
2. Contingency (Escalation,Construction,Project)	\$3,994	\$0	\$0	\$0
	<b>\$58,587</b>	<b>\$54,593</b>	<b>\$23,908</b>	<b>\$23,908</b>
<b>390-TBD Canyon HS Unallocated Funds</b>				
1. Unallocated Bond Funds	\$2,441,413	\$0	\$0	\$0
	<b>\$2,441,413</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Canyon High School</b>	<b>\$72,000,000</b>	<b>\$7,316,448</b>	<b>\$3,550,473</b>	<b>\$375,881</b>

#### El Modena High School

<b>391-9520 El Modena HS Science Center</b>				
1. Design Cost	\$1,956,708	\$1,956,083	\$1,371,941	\$0
2. Construction Cost	\$24,583,850	\$0	\$0	\$0
3. Program and Construction Management	\$2,888,026	\$2,177,975	\$613,759	\$52,068
* 4. Construction Support Costs	\$3,690,833	\$415,544	\$380,213	\$1,688
5. Contingency (Escalation,Construction,Project)	\$7,637,395	\$0	\$0	\$0
	<b>\$40,756,811</b>	<b>\$4,549,602</b>	<b>\$2,365,914</b>	<b>\$53,756</b>
<b>391-0000 El Modena HS IP Surveillance Camera and Systems</b>				
1. FF&E (Camera and Systems)	\$81,450	\$81,450	\$29,807	\$29,807
2. Contingency (Escalation,Construction,Project)	\$6,299	\$0	\$0	\$0
	<b>\$87,749</b>	<b>\$81,450</b>	<b>\$29,807</b>	<b>\$29,807</b>
<b>391-TBD El Modena HS Unallocated Funds</b>				
1. Unallocated Bond Funds	\$31,155,440	\$0	\$0	\$0
	<b>\$31,155,440</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>El Modena High School</b>	<b>\$72,000,000</b>	<b>\$4,631,052</b>	<b>\$2,395,721</b>	<b>\$83,563</b>

\* See Attachment for Details

### 3.1 Project Budget Estimate



#### Measure S Bond Program

#### Budget vs Actuals - Program Summary, By School w/ Budget Category

#### Project Budget Estimate - 50% DSA Construction Documents

Monthly Progress Report July 2018 QSS Data as of 7/31/18	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 Center</b>				
1. Design Cost	\$2,333,309	\$2,332,684	\$1,685,108	\$50,678
2. Construction Cost	\$32,776,420	\$6,058,387	\$429,793	\$350,560
3. Program and Construction Management	\$2,979,009	\$2,052,618	\$577,481	\$81,921
* 4. Construction Support Costs	\$4,834,479	\$915,984	\$477,049	\$22,232
5. Contingency (Escalation,Construction,Project)	\$9,465,371	\$0	\$0	\$0
	<b>\$52,388,588</b>	<b>\$11,359,674</b>	<b>\$3,169,430</b>	<b>\$505,391</b>
<b>392-0000 Orange HS IP Surveillance Camera and Systems</b>				
1. FF&E (Camera and Systems)	\$104,078	\$104,078	\$82,813	\$82,813
2. Contingency (Escalation,Construction,Project)	\$7,710	\$0	\$0	\$0
	<b>\$111,788</b>	<b>\$104,078</b>	<b>\$82,813</b>	<b>\$82,813</b>
<b>392-TBD Orange HS Unallocated Funds</b>				
1. Unallocated Bond Funds	\$19,499,624	\$0	\$0	\$0
	<b>\$19,499,624</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Orange High School</b>	<b>\$72,000,000</b>	<b>\$11,463,751</b>	<b>\$3,252,243</b>	<b>\$588,204</b>
<b>Villa Park High School</b>				
<b>394-9520 Villa Park HS Science Center</b>				
1. Design Cost	\$2,236,042	\$2,235,417	\$1,288,257	\$23,393
2. Construction Cost	\$22,097,568	\$0	\$0	\$0
3. Program and Construction Management	\$2,899,564	\$2,100,433	\$666,505	\$108,271
* 4. Construction Support Costs	\$3,757,568	\$882,981	\$337,928	\$25,665
5. Contingency (Escalation,Construction,Project)	\$14,209,258	\$0	\$0	\$0
	<b>\$45,200,000</b>	<b>\$5,218,831</b>	<b>\$2,292,691</b>	<b>\$157,329</b>
<b>394-0000 Villa Park HS IP Surveillance Camera and Systems</b>				
1. FF&E (Camera and Systems)	\$64,137	\$64,137	\$26,626	\$26,626
2. Contingency (Escalation,Construction,Project)	\$4,930	\$0	\$0	\$0
	<b>\$69,067</b>	<b>\$64,137</b>	<b>\$26,626</b>	<b>\$26,626</b>
<b>394-TBD Villa Park HS Unallocated Funds</b>				
1. Unallocated Bond Funds	\$26,730,933	\$0	\$0	\$0
	<b>\$26,730,933</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Villa Park High School</b>	<b>\$72,000,000</b>	<b>\$5,282,968</b>	<b>\$2,319,317</b>	<b>\$183,956</b>
<b>Total Bond Program</b>	<b>\$288,000,000</b>	<b>\$28,694,219</b>	<b>\$11,517,755</b>	<b>\$1,231,603</b>

\* See Attachment for Details

### 3.1 Project Budget Estimate



#### **Measure S Bond Program**

#### **Project Budget Estimate - 50% DSA Construction Documents**

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**Monthly Progress Report July 2018**

**QSS Data as of 7/31/18**

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#### **ATTACHMENT**

#### **\* Construction Support Costs**

Commissioning  
DSA Construction Phase Testing / LOR  
DSA Inspection  
DSA Review Fees  
FFE (Laboratory Tables and Chairs, other)  
IT Technology Infrastructure  
Labor Compliance  
Legal Counsel  
Builders Risk Insurance  
Postage, Printing Advertising  
Preliminary Testing (Hazmat, Topo Survey, Geotech, Subsurface Imaging)  
Relocation/Move Services  
Rental/Interim Housing  
Title, Environmental, Stormwater Management  
Utility Connection Fees (with Local Permitting Agency)

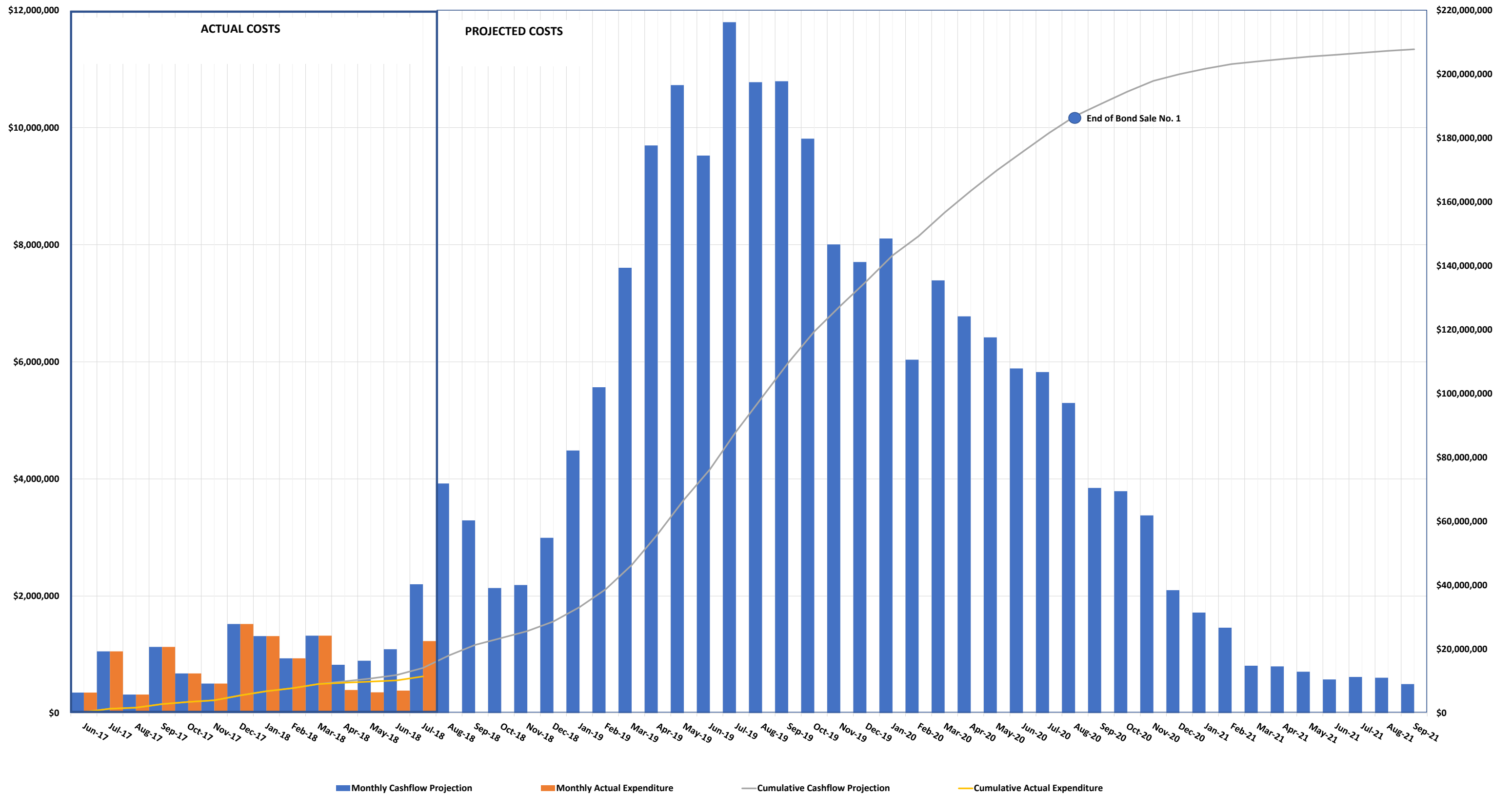


# MEASURE S BOND PROGRAM - SCIENCE CENTER CASH FLOW PROJECTION

Actual Costs thru July 31, 2018

Projected Costs thru September 30, 2021

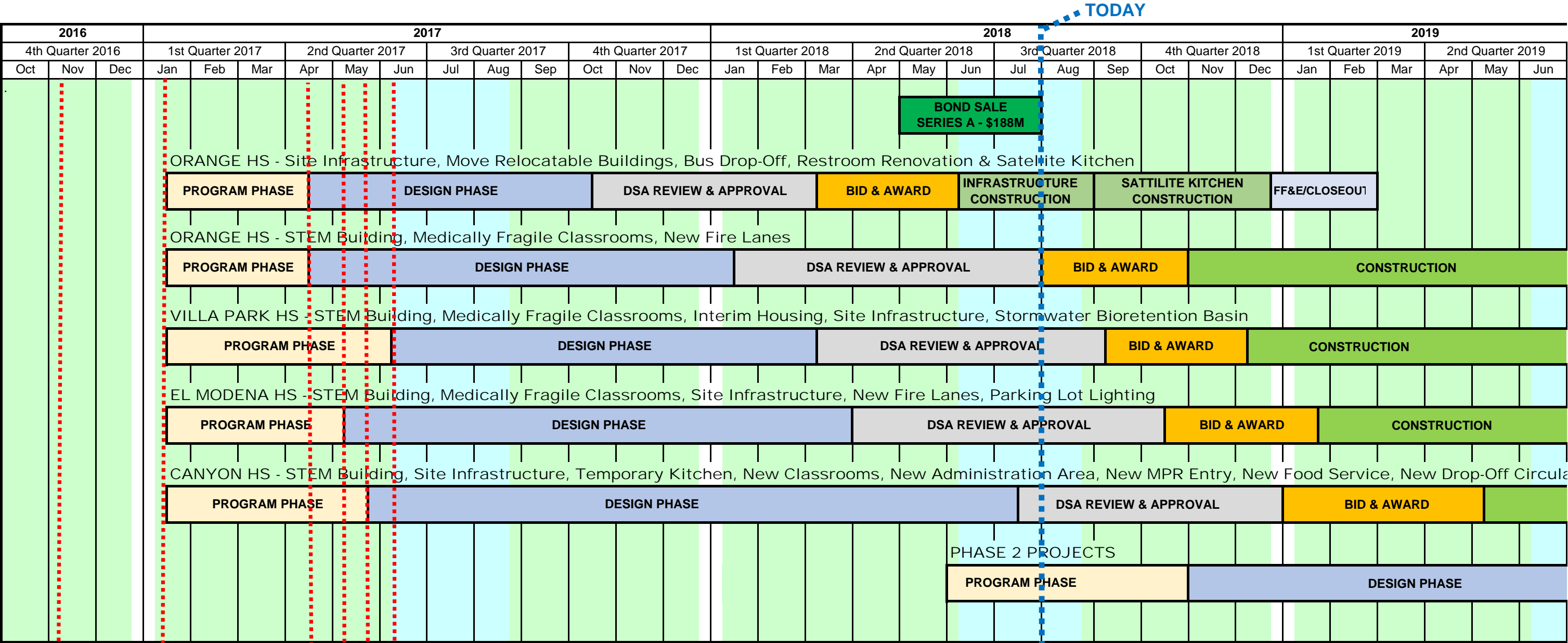
## 3.2 Cash Flow Projections



4.0 PROGRAM SUMMARY SCHEDULE



MEASURE S BOND PROGRAM - PROGRAM SCHEDULE SUMMARY



- 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

#### 4.0 PROGRAM SUMMARY SCHEDULE



## MEASURE S BOND PROGRAM - PROGRAM SCHEDULE SUMMARY

2019						2020												2021																	
3rd Quarter 2019			4th Quarter 2019			1st Quarter 2020			2nd Quarter 2020			3rd Quarter 2020			4th Quarter 2020			1st Quarter 2021			2nd Quarter 2021			3rd Quarter 2021			4th Quarter 2021								
Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec						
										BOND SALE SERIES B - \$100M																									
						ORANGE HS - STEM Building, Medically Fragile Classrooms, New Fire Lanes																													
CONSTRUCTION						FF&E / CLOSEOUT																													
						VILLA PARK HS - STEM Building, Medically Fragile Classrooms, Interim Housing, Site Infrastructure, Stormwater Bioretention Basin																													
CONSTRUCTION																FF&E / CLOSEOUT																			
						EL MODENA HS - STEM Building, Medically Fragile Classrooms, Site Infrastructure, New Fire Lanes, Parking Lot Lighting																													
CONSTRUCTION									FF&E / CLOSEOUT																										
ation, 100 New Parking Spaces, New Parking Lot Lighting													- CANYON HS																						
CONSTRUCTION																								FF&E / CLOSEOUT											
			DSA REVIEW & APPROVAL						BID & AWARD			CONSTRUCTION (Anticipated Beyond Dec 2021)																							



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**Director Maintenance & Operations**

**District Bond Representative**



Facilities & Planning Department

Measure S Bond Program

726 W. Collins Avenue

Orange, CA 92867

T: (714) 628-4500